Hazardous Waste Section

File Room Document Transmittal Sheet

17

Your Name:	Larry Stanley
EPA ID:	NCD003190386
Facility Name:	DuPont Kinston
Document Group:	Corrective Action (CA)
Document Type:	Environmental Indicators (EI)
Description:	Revised CA 725 EI evaluation determination
Date of Doc:	12/2/2014
Author of Doc:	DuPont-CRG

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PARSONS

ENVIRONMENTAL INDICATOR DETERMINATION REPORT CURRENT HUMAN EXPOSURE UNDER CONTROL (CA725)

DUPONT Kinston Plant
Kinston, North Carolina

Prepared for:

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September 2014
Revised December 2014

DuPont PN 504463
Parsons PN 448859

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ACRONYMS

Acronym	Definition / Description
1,2-DCE	1,2-dichloroethene
AOC	Area of concern
AST	Aboveground storage tank
bgs	Below ground surface
CA	Corrective Action
CAP	Corrective Action Plan
CMS	Corrective Measures Study
COPC	Constituent of potential concern
CRG	(DuPont) Corporate Remediation Group
CS	Confirmatory sampling
DERS	DuPont Environmental Remediation Services
DMT	Dimethyl terphthalate
DuPont	E. I. du Pont de Nemours and Company
EI	Environmental Indicator
ft/ft	Feet per foot
GPRA	Government Performance and Results Act
HASP	Health and safety plan
IMAC	Interim Maximum Allowable Concentration
IN	Insufficient (EI compliance determination)
mg/kg	Milligrams per kilogram
MNA	Monitored natural attenuation
MSL	Mean sea level
NC2L	North Carolina Groundwater Quality Standards
NCDENR	North Carolina Department of Environment and Natural Resources
NFA	No further action
NPDES	National Pollutant Discharge Elimination System
PAH	Polynuclear aromatic hydrocarbon
PPE	Personal protective equipment
PRB	Permeable reactive barrier
PSRG	Preliminary soil remediation goal
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RSL	(USEPA) Regional Screening Levels
RU	Regulated unit

Acronym	Definition / Description
SVOC	Semivolatile organic compound
SWMU	Solid Waste Management Unit
TCE	Trichloroethene
TPA	Terephthalic acid
TPH	Total petroleum hydrocarbons
USEPA	U. S. Environmental Protection Agency
USGS	United States Geological Survey
VOC	Volatile organic compound
WWTP	Wastewater treatment plant
YE	Positive (EI compliance determination)

EXECUTIVE SUMMARY

On behalf of E.I. du Pont de Nemours and Company (DuPont), Parsons has performed an evaluation of the Government Performance and Results Act environmental indicator (EI) “current human exposures under control” (EI RCRIS Code CA725) for the DuPont Kinston Plant located in Lenoir County, North Carolina (Site). The Site is approximately 11 miles northeast of the city of Kinston, North Carolina. The EI determination evaluation was completed in accordance with the guidance established by the United States Environmental Protection Agency (1999) and is summarized in the score sheet beginning on the following page.

The EI determination process concluded that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (industrial land use and non-potable use of groundwater). Although reasonably-expected, potentially-complete exposure pathways were identified under the current conditions, none of the complete exposure pathways was significant. As a result, a positive EI determination was reached for the EI CA725.

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DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

Interim Final 2/5/99 RCRA Corrective Action Environmental Indicator (El) RCRIS code (CA 725) Current Human Exposures Under Control

Facility Name: E. I. du Pont de Nemours and Company (DuPont) Kinston Plant

Facility Address: 4693 Highway 11 N, Kinston, North Carolina 28501

Facility EPA #: NCD003190386

1. Has all available relevant/significant information on known and reasonably suspected releases to soil, groundwater, surface water, sediments, and air, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC)), been considered in this El determination?

√ If yes -check here and continue with #2 below. If no- re-evaluate existing data, or If data are not available skip to #6 and enter "IN" (more information needed) status code.

BACKGROUND

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EIs developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Definition of "Current Human Exposures Under Control" EI

A positive "Current Human Exposures Under Control" EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "contamination" subject to RCRA corrective action at or from the identified facility (i.e., sitewide)).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near- term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Current Human Exposures Under Control" EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The RCRA Corrective Action program's overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

Duration / Applicability of EI Determinations

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

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2. Are groundwater, soil, surface water, sediments, or air media known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

Media	Yes	No	?	Rationale/Key Contaminants
Groundwater	√			Although shallow groundwater is not used for potable purposes and the drinking water pathway is incomplete, as a conservative measure, drinking water criteria/screening levels were used to identify groundwater as "contaminated". A total of 147 groundwater monitoring wells and/or piezometers have been installed at the Site during historical investigation efforts. Constituents detected in groundwater were compared to North Carolina Groundwater Quality Standards (NC2L or IMAC) or USEPA Regional Screening Levels (RSLs) for Tap Water, where North Carolina standards were unavailable. When compared to these screening levels, constituents that were detected sitewide above screening levels include 1,4-dioxane, benzene, diphenyl ether, vinyl chloride, arsenic, chromium, cobalt and vanadium. In the Manufacturing Area, trichloroethene (TCE), iron, 1,2-dichloroethene (1,2-DCE) and vinyl chloride were the most frequently detected compounds. For the South Disposal Area, 1,4-dioxane, manganese, iron and arsenic were the most frequently detected constituents above the NC 2Ls.
Surface Water		√		Site data evaluated for this pathway included surface water samples collected from the Neuse River during the Ash Landfill annual monitoring program. Based on the current designated use of the river, surface water results from the river were compared to NC surface water standards for protection of human health for fish ingestion (NC2B standards) (Table 7A). No constituents exceeded these standards.
Sediment		√		Sediment samples have not been collected from the Neuse River since site activities would not be expected to have impacted this medium based on detected constituents and potential transport pathways to the river. See additional details in the Rationale section below.
Air (indoors)[2]		√		Volatile organic compounds (VOCs) have been detected in groundwater at the Site. However, there are currently only two wells with VOC detections that are located within 100 feet of an occupied building (near SWMUs 14 and 60, Table 6). The detections of VOCs in these wells are isolated to spills associated with the Dowtherm Unit and except for diphenyl ether, no groundwater plumes have been identified near the Dowtherm Unit. When compared to North Carolina Department of Environment and Natural Resources (NCDENR) vapor intrusion screening levels, only biphenyl was detected in these wells above its VI screening level. However, further evaluation using the Johnson and Ettinger model, USEPA, 2013 to calculate a target concentration in groundwater, demonstrates that the detections of biphenyl in these wells are not at concentrations of concern for indoor workers. Thus, indoor air is not considered to be contaminated.

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Media	Yes	No	?	Rationale/Key Contaminants
Surface Soil (e.g., <2 ft)	√			Metals (antimony, arsenic, chromium, and lead), PAHs, total petroleum hydrocarbons (TPH), and biphenyl and diphenyl ether were detected above industrial preliminary site remediation goal (PSRG) screening levels in surface soil from one or more of the following units: SWMUs 1, 7, 9, 13, 14, 33b, 56 and 64 and AOCs 103 and 107.
Subsurface Soil (e.g., >2 ft)	√			PAHs, arsenic, chromium, TPH, biphenyl, diphenyl ether, and TCE were detected above industrial PSRG screening levels in subsurface soil from one or more of the following units: SWMUs 9, 13, 14, 22, 33b, 56, 82, AOC 107 and Unit 1.
Air (outdoors)		√		Not considered a media of concern. See rationale for more information.

If no (for all media) -skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

√ If yes (for any media) -continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

If unknown (for any media) -skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Data Set for EI Evaluation

The most recent data for Site media were used to evaluate current conditions for this EI including the following:

- Manufacturing Area groundwater samples collected between May 2013 and June 2014 (Figures 2 and 3) related to the RCRA Facility Investigation (RFI) and TCE Corrective Action Plan (CAP) groundwater monitoring activities;
- South Disposal Area groundwater samples collected between May 2013 and June 2014 related to RFI and semi-annual Ash Landfill groundwater monitoring activities;
- Surface soil samples (depending on investigation, collected at intervals of 0 to 1 foot below ground surface (bgs) or 0 to 2 feet bgs) and subsurface soil samples (within 16 feet bgs) collected from 1997 during the Confirmatory Sampling (CS) Investigation through the 2014 RFI events;
- On-site drainage channel sediment samples collected during the 2000 Phase I RFI and additional samples collected from Channel 07 (SWMU 12) and three samples collected in 1991;
- Surface water samples collected from 2 locations in the Neuse River between 1997 and 2003 related to the semi-annual Ash Landfill monitoring activities; and
- 19 surface water locations from the on-site drainages between 1999 and 2012.

Sample locations are shown on Figures 3 and 4. Analytical data used in the EI evaluation are summarized in Tables 1 through 8 and complete soil data are presented Appendices A and B.

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Criteria/Screening levels used to evaluate site data

Site data were compared to various criteria/screening levels to determine if the specific medium could reasonably be classified as "contaminated" for the purpose of the EI Determination. Screening level exceedances may indicate a potential release from a unit, but do not indicate that an unacceptable exposure exists. The following criteria/screening levels were used during the evaluation for the determination of "contaminated":

Groundwater – There are no appropriate "risk-based" levels for screening shallow groundwater (shallow groundwater is not used for drinking water or irrigation on or near the Site). However, since deep groundwater is used as a drinking water source for the Site, constituents detected in all (shallow or deep) groundwater were compared to available NC 2L Standards or NC Interim Maximum Allowable Concentration (IMAC), or USEPA RSLs for tap water when NC 2Ls or IMACs were not available as a conservative measure.

Soil – Constituents detected in soil were compared to NCDENR PSRGs for industrial soil where available. A PSRG represents a combined direct contact exposure including inhalation of particulates and volatile compounds, dermal absorption and ingestion. For the purposes of this evaluation, PSRGs were based on an excess cancer risk of 10^{-6} (1 in 1 million) and a hazard quotient for noncancer effects of 0.2. Concentrations in soil were also compared to site-specific background soil samples collected during the Phase I RFI.

Surface Water – Surface water concentrations from the Neuse River were compared to North Carolina Surface Water Quality Standards (15A NCAC 2B) for human health (fish consumption) where available. If NC2B standards were unavailable, then concentrations were compared to applicable NC2L or NC IMAC criteria.

For completeness, this comparison was also done for water samples collected from the on-site drainage channels as a conservative measure. However, these manmade channels are not used for drinking water or recreational purposes, access is limited and no regular maintenance activities occur in these channels. Since there are no "appropriate" risk-based values available for comparison, exceedance of these criteria would not be deemed to constitute contamination.

Sediment – Sediment data have not been collected from the Neuse River since site activities are not expected to have impacted this medium based on detected constituents and potential transport pathways to the river.

For completeness, sediment data collected from the on-site drainage channels were compared to industrial soil PSRGs as a conservative measure. The PSRG represents a combined exposure including inhalation of particulates and volatile compounds, dermal absorption, and ingestion. This comparison is considered conservative since this material is below water and exposure, if at all, by occasional industrial/environmental workers would be less frequent than the assumptions used in the development of the PSRGs. Since, there are no relevant risk-based criteria, exceedances of these criteria would not be deemed to constitute contamination.

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Indoor Air – While VOCs have been detected in monitoring wells at the Site, only two of these wells are located within 100 feet of an occupied building. The detections of VOCs in these wells are isolated to spills associated with the Dowtherm Unit and except for diphenyl ether, no groundwater plumes have been identified near the Dowtherm Unit. The wells (SWMU14-TW-5 and SWMU60-TW-1) are located near buildings that are fairly large (measuring 177 feet x 26 feet x 30 feet), which are only occupied 3 to 4 hours a day. In addition, the buildings are open to outside air during the summer months when volatilization of constituents into indoor air would be at its maximum. Of the detected constituents in these wells, only biphenyl was detected at concentrations above the NCDENR vapor intrusion screening levels for non-residential use. Since the NCDENR vapor intrusion screening levels are based on occupancy of 8 hours per day and an attenuation factor of 0.001, the concentrations of biphenyl detected in these wells are unlikely to be affecting indoor air at unacceptable levels within these large, generally open air structures. The Johnson and Ettinger Model (USEPA, 2013) was run to calculate a screening level target concentration in groundwater that is protective of indoor air for biphenyl. Based on the model results, the detections of biphenyl in these wells are not at levels of concern (the target groundwater concentration is greater than the solubility of biphenyl, Appendix C). Thus, indoor air is not identified as contaminated under current conditions.

Constituents of Potential Concern

Based on previous investigation results, the data evaluation indicates that screening level exceedances were limited to specific areas in the following units: SWMU 1, SWMU 7, SWMU 13, SWMU 14, SWMU 33b, SWMU 22, SWMU 56, SWMU 82, AOC 103C, AOC 107-03, and Unit 1.

Groundwater: Groundwater was evaluated for the Main Manufacturing Area and the South Disposal Area. A total of 147 groundwater monitoring wells and/or piezometers have been installed at the Site during previous investigations. Based on a conservative comparison to drinking water criteria, the following COPCs were identified in groundwater in the Main Manufacturing Area:

- VOCs: biphenyl, cis-1,2-DCE, TCE, vinyl chloride, 1,2-dichloroethane, acetaldehyde, tetrachloroethene
- Semivolatile organic compounds (SVOCs): benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, bis(2-ethylhexyl)phthalate, naphthalene, 1,4-dioxane, 4-chloroaniline, 1,2-diphenylhydrazine, and diphenyl ether
- Other: arsenic, zinc, vanadium, thallium, nickel, cobalt, chromium, beryllium, antimony, cadmium, and lead.

Based on a conservative comparison to drinking water criteria, the following COPCs were identified in groundwater in the South Disposal Area:

- VOCs: biphenyl, cis-1,2-DCE, vinyl chloride, acetaldehyde, benzene, chloroform, methylene chloride, 1,1-dichloroethane, 1,1-DCE, 1,2-dichloropropane
- SVOCs: 1,4-dioxane, 2-methylnaphthalene, o-cresol, diphenyl ether, phenol, pyridine, p-cresol, acrolein
- Other: arsenic, antimony, chromium, cobalt, vanadium, manganese, iron, lead, ethylene glycol, isobutyl alcohol, terephthalic acid, total dissolved solids, and fluoride.

Surface soil: Metals (antimony, arsenic, chromium, and lead), PAHs, TPH, biphenyl and diphenyl ether were detected above industrial PSRG screening levels in surface soil from SWMUs 1, 7, 9 , 13, 14, 33b, 56 and 64 and AOCs 103C and 107-03 (Table 2). Most of these exceedances are located in areas not routinely accessed by on-site workers.

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Subsurface soil: The previous environmental investigations at the Kinston Plant have identified PAHs, arsenic, chromium, TPH, biphenyl, diphenyl ether, and TCE as the primary COPCs in subsurface soil. COPCs would be accessible only during intrusive activities. However, the Kinston Plant has an established excavation permitting program that requires authorization for any intrusive activity.

Surface water: No constituents of concern were identified in the Neuse River.

For the drainage channels, the following screening level exceedances were noted: 1,4-dioxane, N-butanol, arsenic, cadmium, chromium, lead, selenium, thallium, and vanadium (Table 7B). However, as the channels are not used for drinking water or recreational purposes and access to these channels is limited (due to their remote location and thick vegetation) and no regular maintenance activities occur in these channels, exceedances of NC drinking water and fish consumption criteria are not deemed to constitute contamination.

Sediment: Sediment samples have not been collected from the Neuse River since site activities would not be expected to have impacted this medium based on detected constituents and potential transport pathways to the river.

Based on comparison to soil PSRGs, PAHs were identified in the drainage channels. However, exceedance of these soil industrial worker-based PSRGs are not deemed to constitute contamination. As with surface water, access to the on-site drainage channels is limited (due to their remote location and thick, surrounding vegetation), the drainages are not used for recreational purposes and regular maintenance activities do not occur in these channels, thus, contact by potential receptors with this medium is also incomplete and no constituents of concern were identified.

Indoor Air: Previous investigations conducted at the Site identified TCE impacted groundwater originating in the area of monitoring well MW 30A near the facility's chemical tank storage area also known as AOC 86 (Figure 2). A pump-and-treat system was installed on May 24, 1995, to recover and treat TCE contaminated groundwater. In September 1999, a permeable reactive barrier (PRB) wall was installed to treat contaminated groundwater. The pump-and-treat system was shutdown in August 2001 based on success of the PRB. The lateral extent of the TCE plume has remained consistent over the past 10 years based on annual monitoring and TCE concentrations are below screening levels for indoor air near occupied buildings. Biphenyl is the only constituent to have been detected recently above commercial NCDENR screening levels in groundwater near occupied structures. After a review of current site operations, building construction and the results from the Johnson and Ettinger model, vapor intrusion is not a potential concern for current workers in these buildings. No constituents of concern were identified.

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Outdoor Air: No constituent of concern were identified. Most SWMUs and AOCs where constituents in surface soil exceed screening levels are covered by asphalt, concrete or crushed stone, or are located in remote/inactive portions of the facility (away from the active plant areas). The potential exposure to soil is thereby minimized. In addition to these covers, excavation limitations are in place to ensure the appropriate personal protective equipment (PPE) is used if soil is disturbed.

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Parsons 2011. Phase III RCRA Facility Investigation (RFI) Work Plan (Stage II), DuPont Kinston Site. December.

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Parsons 2011a. 2011 Combined Annual Monitoring Report, DuPont Kinston Site, Kinston, North Carolina. August.

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USEPA, 2013. USEPA Johnson and Ettinger On-line vapor intrusion model. http://www.epa.gov/athens/learn2model/part-two/onsite/jne_background_forward.html

Footnotes:

[1] "Contamination" and "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile organic compounds) does not present unacceptable risks.

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3. Are there complete pathways between "contamination" and human receptors such that exposures can be reasonably expected under the current (land-and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table Potential Human Receptors (Under Current Conditions)

"Contaminated" Media	**~~Resident~~**	**Worker**	**Construction**	**Trespasser**	**~~Recreational User~~**	**~~Food~~**[3]
Groundwater	No	No	Yes	No	No	No
Surface Soil (e.g., <2 ft)	No	Yes	Yes	Yes	No	No
Subsurface Soil (e.g., >2 ft)	No	No	Yes	No	No	No
~~Surface Water~~	No	No	No	No	No	No
~~Sediment~~	No	No	No	No	No	No
~~Indoor Air~~	No	No	No	No	No	No
~~Outdoor Air~~	No	No	No	No	No	No

Instructions for Summary Exposure Pathway Evaluation Table:
1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.
2. Enter "yes" or "no" for potential "completeness" under each "Contaminated" Media –Human Receptor combination (Pathway). N/L = Not Likely
3. Indirect Pathway/Receptor (e.g., vegetables, fruits, crops, meat and dairy products, fish, shellfish, etc.)

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media- Human Receptor combinations (Pathways) do not have check spaces ("-"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

If no (pathways are not complete for any contaminated media-receptor combination) - skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

√ If yes (pathways are complete for any "Contaminated" Media -Human Receptor combination) -continue after providing supporting explanation.

If unknown (for any "Contaminated" Media -Human Receptor combination) -skip to #6 and enter "IN" status code Rationale and Reference(s):

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Three potential human receptors were identified (Section 6.1):

1) **On-Site Industrial Worker** – The industrial worker is potentially exposed to constituents in surface soil (0 to 1 foot bgs) during day-to-day operations. With the exception of the Wastewater Treatment Plant, intermittent activities occur in isolated portions of the South Disposal Area.
2) **On-Site Construction/Excavation Worker** – The on-site construction/excavation worker is potentially exposed to constituents in soil and groundwater while repairing subsurface utility lines, performing remedial activities, or during short-term construction. This category also addresses personnel conducting environmental or geophysical investigations at the Site. Subsurface soil depths for direct contact exposures by this receptor are defined as 1 to 16 feet bgs based on past activity at the facility and the location of on-site utilities. Since Site groundwater occurs at depths as shallow as 5 feet bgs at the site, direct contact with groundwater may also occur during intrusive activities.
3) **Trespasser** – A trespasser is potentially exposed to constituents detected in surface soil (0 to 1 foot bgs). The trespasser would be limited to the South Disposal Area as the main manufacturing area is fenced and guarded, and access is controlled and limited to authorized personnel only. Vehicular access to the South Disposal Area is limited to entrance from the Manufacturing Area, but a trespasser (while unlikely) could gain access to the plant from the river or via foot through the wooded areas around the plant.

There are no downgradient receptors for off-site shallow groundwater because the prevailing flow direction for surface water is either toward the Neuse River (South Disposal Area) or Beaverdam Branch (Manufacturing Area). Therefore, off-site residents exposed to shallow groundwater were not considered potential receptors.

Sensitive receptors (such as a daycare) are not located on or adjacent to the Site. Therefore, these types of receptors were also not considered as a potential for exposure.

Other receptors (e.g., recreational users) were considered; however, groundwater is not used in the surrounding area for any domestic water supply, including irrigation. Affected groundwater at the Site is isolated on-site, and no affected groundwater has been identified migrating off-site. Therefore, such receptors were not considered as a potential for exposure.

Complete Exposure Pathways by Media (Section 6.2.1) include:

(1) **Groundwater**: The potential for exposure to groundwater is low because shallow groundwater is not used on-site for potable or industrial purposes. In addition, no residential users have been identified within a one-mile radius of the Site. However, due to the shallow depth of groundwater in some portions of the Site, exposure may occur during construction/excavation activities. Potentially complete exposure pathways for a construction/excavation worker may include incidental ingestion of and dermal contact with groundwater.

(2) **Surface Soil**: The potential for exposure to COPCs in surface soils is low for most receptors under current conditions because the principal areas of surface soil contamination have limited access, are located in remote/inactive portions of the Site or in portions of the plant where routine activities do not occur, or are covered by gravel, concrete or crushed stone. The receptor with the greatest potential for exposure is the on-site construction/excavation worker, who has a greater likelihood of direct contact with impacted soil during intrusive activities. Potentially complete exposure pathways may include the on-site construction/excavation worker through incidental ingestion of and dermal contact with surface soil and/or through inhalation of soil-derived particulates or vapors.

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(3) **Subsurface Soil**: Because subsurface soil contamination is only present on-site, and exposure to subsurface soil is only achieved during excavation and construction activities, the only potential receptor is the on-site construction/excavation worker. Potentially complete exposure pathways may include the on-site construction/excavation worker through incidental ingestion of and dermal contact with subsurface soil and/or inhalation of soil-derived particulates or vapors.

Incomplete Exposure Pathways by Media (Section 6.2.2) include the following:

(1) **Groundwater:** Shallow groundwater is not used on-site for potable or industrial uses. Therefore, direct contact (ingestion or dermal contact) with shallow groundwater for on-site industrial workers is incomplete.

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4. Can the exposures from any of the complete pathways identified in #3 be reasonably expected to be "significant" (i.e., potentially "unacceptable" because exposures can be reasonably expected to be: 1) greater in magnitude (intensity, frequency and/or duration) than assumed in the derivation of the acceptable "levels" (used to identify the "contamination"); or 2) the combination of exposure magnitude (perhaps even though low) and contaminant concentrations (which may be substantially above the acceptable "levels") could result in greater than acceptable risks)?

√ If no (exposures cannot be reasonably expected to be significant (i.e., potentially "unacceptable") for any complete exposure pathway) -skip to #6 and enter "YE" status code after explaining and/or referencing documentation justifying why the exposures (from each of the complete pathways) to "contamination" (identified in #3) are not expected to be "significant."

If yes (exposures could be reasonably expected to be "significant" (i.e., potentially "unacceptable") for any complete exposure pathway) -continue after providing a description (of each potentially "unacceptable" exposure pathway) and explaining and/or referencing documentation justifying why the exposures (from each of the remaining complete pathways) to "contamination" (identified in #3) are not expected to be "significant."

If unknown (for any complete pathway) -skip to #6 and enter "IN" status code

Rationale and Reference(s):

The following potentially complete exposure pathways were evaluated in Step Four of the EI determination process. Additional information regarding the exposure pathway analysis is provided in Section 7 of this report.

Groundwater: Tables 4 and 5 detail the evaluation. For the purpose of the evaluation, groundwater was evaluated by groundwater flow components (Manufacturing Area and South Disposal Area) rather than by SWMU or AOC. Monitoring well locations are shown on Figures 2 and 3.

- Manufacturing Area - The previous environmental investigations at the Kinston Plant have identified TCE, its degradation products (cis-1,2-dichloroethene and vinyl chloride), 1,4-dioxane, diphenyl ether, chromium, vanadium and cobalt as the primary COPCs. TCE is located beneath the manufacturing portion of the facility, with the plume extending to the northwest toward Beaverdam Branch. Remediation to address TCE (permeable reactive barrier) is ongoing in this area.
- South Disposal Area - The previous environmental investigations at the Kinston Plant have identified 21 VOCs/SVOCs and 10 inorganics as COPCs. Of these, 1,4-dioxane, cobalt and vanadium have been detected most frequently above screening levels. Concentrations of these COPCs are located beneath the South Disposal Area extending to the south toward the Neuse River.

Potential exposure for an on-site construction/excavation worker is not significant due to strict adherence to a rigorous system of policies and procedures employed at the Kinston Plant to protect against unacceptable exposures. The facility uses a permitting process that requires Kinston Environmental Affairs' authorization for any intrusive activities (e.g., boring, drilling, excavation) into the soils or building foundations at the facility. The purpose of the permitting process is to ensure that appropriate measures are taken for personnel protection should the intrusive activity encounter contaminated soils or groundwater.

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Surface soil: The previous environmental investigations at the Kinston Plant have identified one VOC (chloroform), PAHs, TPH, biphenyl, diphenyl ether and four metals (antimony, arsenic, chromium and lead) as COPCs in surface soil (Table 2). On-site workers, with the exception of Wastewater Treatment Plant personnel, and trespassers do not routinely access these areas, which are currently covered with either gravel or grass. Additionally, institutional controls are in place to prevent disturbance of soil (both surface and subsurface) such that on-site industrial workers will not become exposed to contaminants in excess of screening criteria. These controls include permits and security controls. Plant and area orientations are also required for all workers prior to commencing work on-site.

Trespassers have not been observed on-site and the areas where a trespasser could be exposed to COPCs in surface soil are limited to the South Disposal Area where routine security patrols are conducted. For trespassers, the only SWMUs in the South Disposal Area that had surface soil exceedances were SWMUs 1, 7 and 9. SWMU 9 is located directly southwest of the Main Manufacturing Area, thus, it is unlikely that trespassers would be able to spend any time in the SWMU without being noticed by security patrols. SWMUs 1 and 7 are located north of the southern perimeter road and would also be unlikely areas for trespassers to go unnoticed by site personnel. In addition, all three SWMUs have vegetative cover precluding direct access by trespassers with the surface soils. As a result, the frequency and duration of potential exposures by on-site workers and site trespassers would be extremely small due to site security and existing vegetative cover; therefore, the exposure to impacted surface soil is not significant.

Subsurface soil: The previous environmental investigations at the Kinston Plant have identified arsenic, chromium, PAHs, biphenyl, diphenyl ether, and TPH as the primary COPCs in subsurface soil. COPCs would be accessible only during intrusive activities. However, as mentioned above, the Kinston Plant has an established excavation permitting program, which requires authorization for any intrusive activity. Additionally, institutional controls are in place to prevent disturbance of soil (both surface and subsurface) such that on-site receptors will not become exposed to contaminants in excess of screening criteria. These controls include permits and security controls. Plant and Area orientations are also required for all workers prior to commencing work onsite. As a result, the frequency and duration of potential exposures would be extremely small due to site access restrictions; therefore, the exposure to impacted subsurface soil is not significant.

References

DERS, 1997. Confirmatory Sampling Report, DuPont Kinston Plant, Kinston, NC. July.

DuPont CRG, 2001. RCRA Facility Investigation Phase 1 Report, DuPont Kinston Plant. Submitted August 16, 2000; revised March 12, 2001.

DuPont CRG, 2003. RCRA Facility Investigation Phase 2 Report (Revised), DuPont Kinston Plant. Submitted April 30, 2003; revised October 24, 2003.

Parsons, 2010. New Area of Concern (AOC) Supplemental Investigation Report, DuPont Kinston Plant, Kinston, North Carolina. September.

Parsons 2011. Phase III RCRA Facility Investigation (RFI) Work Plan (Stage II), DuPont Kinston Site. December.

Parsons 2012b. Phase III RCRA Facility Investigation Report (Stage I), DuPont Kinston Plant, Kinston, North Carolina. May.

Parsons 2011a. 2011 Combined Annual Monitoring Report, DuPont Kinston Site, Kinston, North Carolina. August.

Parsons, 2014. Phase III RFI (Stage 2) Report, DuPont Kinston Plant, Kinston, North Carolina. DRAFT. Final report to be published in October, 2014

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USEPA, 2013. USEPA Johnson and Ettinger On-line vapor intrusion model. http://www.epa.gov/athens/learn2model/part-two/onsite/jne_background_forward.html

[4] If there is any question on whether the identified exposures are "significant" (i.e., potentially "unacceptable") consult a human health Risk Assessment specialist with appropriate education, training and experience.

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5. Can the "significant" **exposures** (identified in #4) be shown to be within **acceptable** limits?

_____ If yes (all "significant" exposures have been shown to be within acceptable limits) –continue and enter "YE" after summarizing and referencing documentation justifying why all "significant" exposures to "contamination" are within acceptable limits (e.g., a site-specific Human Health Risk Assessment).

_____ If no (there are current exposures that can be reasonably expected to be "unacceptable")- continue and enter "NO" status code after providing a description of each potentially "unacceptable" exposure.

_____ If unknown (for any potentially "unacceptable" exposure) - continue and enter "IN" status code

Rationale and Reference(s):

This section is not applicable because no significant exposure pathways are identified for the Site.

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6. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

√ **YE** -Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the **DuPont Kinston Plant**, EPA ID # **NCD003190386**, located at **4693 Highway 11 N, Kinston, North Carolina**, under current and reasonably expected conditions. This determination will be reevaluated when the Agency/State becomes aware of significant changes at the facility.

NO -"Current Human Exposures" are NOT "Under Control."

IN -More information is needed to make a determination.

Completed by (signature) _____ Date _____

(print) _____

(title) _____

Supervisor (signature) _____ Date _____

(print) _____

(title) _____

(EPA Region or State) _____

Locations where References may be found:

Attn: Scott Ross
North Carolina Hazardous Waste Section File Room
217 West Jones Street
Raleigh, NC 27603
(919) 707-8272
Scott.Ross@ncdenr.gov

Contact telephone and e-mail numbers:

Larry Stanley
North Carolina Division of Waste Management, NCDENR
(919) 707-8211
Larry.Stanley@ncdenr.gov

FINAL NOTE: The human exposures EI is a qualitative screening of exposures and the determinations within this document should not be used as the sole basis for restricting the scope of more detailed (e.g., site-specific) assessments of risk.

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1.0 INTRODUCTION

1.1 Environmental Indicator Background

This Environmental Indicator (EI) Corrective Action (CA) 725 Report is being submitted for the E. I. du Pont de Nemours and Company (DuPont) Kinston Plant (the Site) located in Kinston, North Carolina (see Figure 1). The Site's Hazardous Waste Management Permit Number NCD-003-190-386 (the Permit) was renewed on July 21, 2010. The Site's regulatory history is further described in Section 2.3.

This EI determination was conducted to determine whether human exposure to "contamination" (for all "contamination" subject to Resource Conservation and Recovery Act [RCRA] CA at or from the Site) that can be reasonably expected under current land- and groundwater-use conditions are under control (i.e., no unacceptable human exposure). This EI was completed in accordance with the guidance established by the United States Environmental Protection Agency (USEPA) (1999).

1.2 Report Purpose and Content

The objective of this evaluation is to provide the results of the EI CA725 determination completed for the DuPont Kinston Plant Site. The EI CA750 Migration of Contaminated Groundwater under Control determination has been completed as a separate document and has a "YE" EI compliance determination for the Site.

The remainder of this report is provided in the following sections:

- Site history and background (Section 2)
- Overview of EI determination process (Section 3)
- Step One: data review and usability (Section 4)
- Step Two: risk-based screening (Section 5)
- Steps Three and Four: exposure assessment (Sections 6 and 7)
- Step Five: risk characterization (Section 8)
- Step Six: EI determination conclusion (Section 9)
- References cited in this report (Section 10)

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2.0 SITE HISTORY AND BACKGROUND

The following sections include a brief summary of the Kinston Plant history. Information contained in this section is summarized from the following reports:

- DuPont Corporate Remediation Group (CRG), 2003. RCRA Facility Investigation Phase 2 Report (Revised), DuPont Kinston Plant. Submitted April 30, 2003; revised October 24, 2003.
- Parsons, 2010. New Area of Concern (AOC) Supplemental Investigation Report, DuPont Kinston Plant, Kinston, North Carolina. September.
- Parsons 2011. Phase III RCRA Facility Investigation (RFI) Work Plan (Stage II), DuPont Kinston Site. December.
- Parsons 2012b. Phase III RCRA Facility Investigation Report (Stage I), DuPont Kinston Plant, Kinston, North Carolina. May.
- Parsons 2012a. 2011 Combined Annual Monitoring Report, DuPont Kinston Site, Kinston, North Carolina. August.

2.1 Site Location and Setting

The Site is located northeast of Kinston, North Carolina, on North Carolina Highway 11. It occupies approximately 650 acres and is bounded by the Neuse River on the south and southeast; North Carolina Highway 11 on the north and northwest; and farmland on the north, northeast, and southwest (Figure 1). A map denoting property lines is provided in Appendix A of the 1997 *Confirmatory Sampling (CS) Report* (DuPont Environmental Remediation Services [DERS] 1997). A map showing all utilities, paved roads, buildings, and easements (gas and power) was provided in Appendix B of the CS Report. A small community (less than 20 houses) is located southwest of the plant along Highway 11.

The DuPont Kinston Plant began operations in 1953 and continues to this date. The plant formerly manufactured Dacron® polyester resin and fibers. The Site currently manufactures Sorona® (a bio-based polymer). The Site consists of several buildings that contribute to the manufacturing process. The former Dacron® polyester production was accomplished using either dimethyl terephthalate (DMT) and ethylene glycol or terephthalic acid (TPA) and ethylene glycol. Water was produced as a byproduct from the TPA process, while methanol was a byproduct of the DMT process.

The Neuse River flows along the Site's south and southeast borders, as shown on the topographic map (Figure 1). The Manufacturing Area is situated on a level terrace about 65 feet above mean sea level (MSL), and the land drops approximately 30 feet in all directions around the perimeter of the Manufacturing Area. In general, surface water drains radially away from the Manufacturing Area via manmade drainage channels and culverts. Surface water from the east, west, and south portions of the Site flows into the Neuse River or lowlands adjacent to the river. Drainage from the northwest portion of the Manufacturing Area discharges to Beaverdam Branch, north of the Site. Beaverdam Branch discharges to the Neuse River approximately one mile east (and downstream) of the Site. The Neuse River discharges into Pamlico Sound, which lies 60 miles east of the Site.

The plant site is divided into two main areas: the main Manufacturing Area and the South Disposal Area. The main Manufacturing Area, where most site activities occur, is

located on the northwest portion of the Site and includes all production and most support facilities. The South Disposal Area is located on the southeast portion of the Site and extends from the Manufacturing Area to the Neuse River. This area has historically been used for waste management and includes several waste disposal pits and the current wastewater treatment plant (WWTP). These areas are also divided hydrogeologically as described in Section 2.4 below.

2.2 Current Land Use

As mentioned previously, the DuPont Kinston Plant began operating in 1953 manufacturing Dacron® polyester resin. The plant continues to operate, but now manufactures Sorona®, a bio-based polymer.

DuPont has no plans to discontinue Site operations; therefore, the Manufacturing Area will continue to operate as an industrial facility for the foreseeable future. The South Disposal Area includes the Site's WWTP and a permitted, closed landfill that will require long-term maintenance and monitoring. This area will be required to remain associated with the Site in support of current operations and to allow for long-term landfill maintenance and monitoring. Figure 1 depicts the Site location overlaying an excerpt of the United States Geological Survey (USGS) topographic map of the area. The site layout and SWUM and AOC locations in the Manufacturing and South Disposal Areas are depicted on Figures 2 and 3, respectively. The Site is fenced and guarded, and access is controlled and limited to authorized personnel only. Sensitive receptors (such as a daycare) are not located on or adjacent to the Site.

2.3 Regulatory History

The Site is regulated as a hazardous waste facility under RCRA. The Site's Permit (number NCD-003-190-386) was renewed on July 21, 2010.

The original RCRA Part A permit application and an amendment were submitted in November 1980 and May 1983, respectively. On August 25, 1983, the North Carolina Department of Environment and Natural Resources (NCDENR) issued the Site a RCRA Part B permit for the operation of a hazardous waste container storage area. This permit was reissued on July 31, 1995, and was replaced by the current permit. The permit includes 91 regulated solid waste management units (SWMUs) and seven regulated areas of concern (AOCs). Fourteen of these units require Corrective Measures Studies (CMSs), 15 units require RFIs, and one unit requires an engineered remediation system specified in the Permit. The remaining units require no further action (NFA) at this time.

The Kinston Plant discharges water to the Neuse River, as regulated by National Pollutant Discharge Elimination System (NPDES) permit No. NC0003760. The USEPA initially issued DuPont an NPDES permit in December 1978. The permit was reissued by the USEPA in May 1985 and expired in April 1990. A renewal application was submitted to NCDENR in October 1989, but the permit was not reissued until December 4, 1994. The plant is currently operating under this permit.

The Kinston Plant currently has 37 state-permitted air emissions sources, and all are combined under one permit (No. 3878R11).

2.4 Groundwater and Water Supply

Groundwater in the Site vicinity is present within the Cape Fear, Black Creek, and Peedee hydrologic units. An unconfined surficial aquifer composed of recent sediments overlies the semi-consolidated Beaufort Formation, which is the confining unit for the Peedee aquifer. The Beaufort Formation (confining unit) beneath the Site has been categorized as a mudstone. Monitoring wells have been installed in the surficial aquifer and the upper portion of the Peedee aquifer (referenced as the Lower Sand Unit in previous reports). The top of the water table is first encountered between 2 and 10 feet below grade and tends to mimic the Site topography. The thickness of the saturated zone is between 2 and 30 feet. Groundwater flows radially from the manufacturing area.

The hydraulic gradient throughout most of the Manufacturing Area is 0.0089 feet per foot (ft/ft) to the northwest. The hydraulic gradient is only 0.0029 ft/ft across the fault. A groundwater divide is located in the southeast corner of the Manufacturing Area, which divides flow to the northwest (toward the fault) and to the east and southeast (toward the Neuse River). The hydraulic gradient across most of the eastern portion of the terrace is approximately 0.016 ft/ft, toward the Neuse River. The hydraulic gradient is 0.082 ft/ft between the inactive ash landfill (SWMU 10) and the terrace edge. This is likely due to retention of precipitation within the SWMU 10 ash, which artificially increases measured groundwater levels in the area. The average annual precipitation is approximately 47.9 inches, with monthly averages ranging from about 2.6 inches in October to about 7.1 inches in July. The gradient across the floodplain ranges from 0.014 ft/ft in the north to 0.027 ft/ft in the south, toward the Neuse River. A higher hydraulic gradient of 0.030 ft/ft is present immediately downgradient of SWMU 18, likely due to leakage from the basin.

Historically, groundwater has been used as a source of plant process and drinking water and potentially for residential drinking water in homes southwest of the Site. These residences are now served by the local public water system. Groundwater beneath the Manufacturing and South Disposal Areas does not flow toward these residences, while groundwater from the Site entrance area (southwest of the Manufacturing Area) does. An extensive groundwater investigation was conducted in the entrance area as part of Stage I of the Phase III RFI (Parsons 2012b). Based on the investigation, there is no evidence of a site-related release in this area of the Site.

Deeper groundwater (from the PeeDee Formation) has been used in the past as a source of process water and drinking water at the plant and potentially for residential drinking water in homes southwest of the Site. Facility process water has been pumped from depths as shallow as 60 feet, but present-day production wells at the Site have multiple screen zones between 300 to 500 feet below grade. Drinking water at the Facility (and at the homes southwest of the Site) is currently obtained from the North Lenoir Water Corporation.

2.5 Surface Water Features

The top of the terrace in the southeast portion of the Site where the old landfills, ponds, and pits were located is at an elevation of 63 to 69 feet above MSL. The land surface drops by 30 vertical feet over a horizontal distance of as little as 50 feet when moving from the terrace down to the floodplain. The land surface decreases an additional 4 to 12 feet across the densely vegetative portion of the floodplain and the area where the WWTP is located. There is a final, gentler decrease in land surface to the Neuse River lowlands of approximately 2 to 6 feet over a distance of 200 to 700 feet. Vegetation in

the lowlands consists almost exclusively of large cypress trees with little or no underbrush. The elevation of the lowlands is approximately 18 to 22 feet MSL.

The Neuse River flows along the Site's south and southeast borders, and there is a natural 4-foot-high levee along the Neuse River. In general, surface water drains radially away from the Manufacturing Area; however, drainage from the northwest portion of the Manufacturing Area discharges to Beaverdam Branch, which is immediately north of the Site. Beaverdam Branch discharges to the Neuse River approximately one mile east (and downstream) of the Site. The river stage is generally at an elevation of 13 feet MSL.

A deep manmade drainage channel allows surface water to drain from the top of the terrace eastward past the WWTP. Shallower drainage channels allow surface water to drain from the top of the terrace to the north, northeast, and southwest. Additional, shorter drainage channels direct surface runoff and groundwater discharge away from the bottom of the terrace eastwards to the river. Channels that run to the southwest empty into a canal that also collects surface runoff from farmland situated southwest of the Site. This canal empties into the Neuse River immediately upstream of the Site. The manmade channel that runs to the north empties into Beaverdam Branch. Surface runoff along the floodplain southeast of the Site empties into the lowlands adjacent to the river. This surface water then either is taken up through evapotranspiration or moves under the levee adjacent to the river and enters the river as seepage or flows into the river if sufficient precipitation falls to flush out the lowlands.

2.6 SWMUs

There are currently 14 units that require CMSs, 15 units that require RFIs, and one that unit requires an engineered remediation system specified in the Site's RCRA Permit. The locations of the SWMUs and AOCs in the Manufacturing and South Disposal Areas are shown in Figures 2 and 3, respectively, and are distributed as follows:

Manufacturing Area	**South Disposal Area**
SWMUs 13, 14, 33(b), 51, 56, 59, 60, 61, 64, 82; AOCs 86, 103(c), and 107-03	SWMUs: 1, 2, 3, 4, 5, 7, 9, 10, 12, 16, 17, 18, 22, 26, 32, 90; and AOC A

3.0 EI DETERMINATION PROCESS

In 1999, the USEPA developed guidance to assist in the EI determination process (USEPA 1999). The guidance document provides the EI evaluator with a score sheet to document EI determinations. This score sheet is completed in the following stepped approach:

- Step 1 – Has all available relevant/significant information on known and reasonably suspected releases… subject to RCRA Corrective Action… been considered in this EI determination?
- Step 2 – Are groundwater, soil, surface water, sediments, or air media known or reasonably suspected to be "contaminated" above appropriately risk-based "levels"…from releases subject to RCRA Corrective Action?
- Step 3 – Are there complete pathways between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?
- Step 4 – Can the exposures from any of the complete pathways identified in #3 be reasonably expected to be "significant"?
- Step 5 – Can the "significant" exposures (identified in #4) be shown to be within acceptable limits?
- Step 6 – EI Determination Conclusion

A more detailed description of each step completed for this process is included in the following sections of this report. This report completes all six steps.

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4.0 STEP ONE – DATA REVIEW

Step one in the EI determination process asks the following question:

> Has all available relevant/significant information on known and reasonably suspected release…subject to RCRA Corrective Action …been considered in this EI determination?

All the data gathered from previous investigations performed at the Site were reviewed. The results from the previous investigations indicated that constituent concentrations above applicable screening levels were limited and localized to specific areas. In addition, shallow groundwater is not used on-site for potable or industrial purposes, and there are no downgradient receptors of site groundwater due to the prevailing flow direction toward on-site drainage channels and the Neuse River.

4.1 Summary of Previous Investigations

The Kinston Plant is subject to a variety of federal and state environmental regulations. Remedial activities at the Site have been conducted in accordance with the Permit (No. NCD003190386) issued to DuPont by the NCDENR on July 31, 1995. Ninety-one regulated SWMUs and seven regulated AOCs have been identified at the Site. There are currently 14 units that require CMSs, 15 units that require RFIs, and one unit that requires an engineered remediation system. The remaining units are designated NFA at this time (Figures 2 and 3).

DuPont submitted the *Phase I RFI Work Plan* in August 1998. The *Phase I RFI Work Plan* was built upon the conclusions presented in the *Confirmatory Sampling (CS) Report* submitted to NCDENR in June 1997 (DERS). DuPont submitted a revised *Phase I RFI Work Plan* in November 1999 in response to NCDENR comments. DuPont implemented the Phase I RFI in April 2000. The purpose of the Phase I RFI was to further characterize potential releases to the environment from the 16 SWMUs and one AOC determined in the *Phase I RFI Work Plan* as having high or unknown priority exposure pathways. The *Phase I RFI Report* (DuPont CRG 2001) recommended the following activities for the Phase II RFI:

- Complete a focused groundwater-to-surface water evaluation to determine more positively if non-point discharges meet protective levels for ecological receptors;
- Conduct additional sampling events on the perimeter monitoring wells to expand the database for use in the focused groundwater-to-surface water evaluation and to strengthen the Conceptual Site Model; and
- Conduct additional sampling events at the far downgradient edge of the trichloroethene (TCE) groundwater plume at AOC 86 to expand the database and strengthen the Conceptual Site Model.

NCDENR approved the revised *Phase I RFI Report* in a letter to DuPont dated April 19, 2001.

DuPont submitted the *Phase II RFI Work Plan* in July 2001 and a revised work plan in September 2001. The *Phase II RFI Work Plan* was built upon the conclusions and recommendations of Phase I RFI and subsequent discussions with NCDENR. DuPont implemented the Phase II RFI over the 12-month period from October 2001 through September 2002. The Phase II RFI consisted of collection of groundwater and surface

water samples, measurement of groundwater and surface water elevations, measurement of storm flow, and collection of hydrogeological data.

DuPont submitted a revised *Phase II RFI Report* in October 2003 in response to NCDENR comments. Following submittal of the Phase II RFI Report, two interim remedial measures were conducted as described in Section 4.2 below.

A *Phase III RFI Work Plan* (Stage I) was submitted to the NCDENR in July 2011. The work plan was subsequently revised in August 2011 based on comments from the NCDENR and the revised work plan was approved by NCDENR in a letter to DuPont dated August 10, 2011. Parsons completed the field activities in accordance with the work plan from October to December 2011. The objective of the Phase III (Stage I) investigation was to investigate the entrance area and former ball park area of the plant where there were little to no historical data. The investigation determined that site activities had not resulted in significant impacts to these areas of the Site. The report was approved by NCDENR in a letter to DuPont dated February 22, 2013.

A *Phase III RFI Work Plan* (Stage II) was submitted to NCDENR on December 5, 2011 (Parsons 2011). Based on comments received from NCDENR, a revised Work Plan was submitted on October 31, 2012. The revised Stage II work Plan was approved by NCDENR in a letter to DuPont dated February 27, 2013. The primary objective of the Phase III (Stage II) investigation was to investigate the 14 units identified in the permit as needing either an RFI or CS. These units are mostly located inside the Site's Manufacturing Area. An addendum to the Phase III RFI Work Plan (Stage II) was subsequently submitted on June 25, 2013, and approved by NCDENR in a letter to DuPont dated July 9, 2013. A second Addendum to the Phase III RFI Work Plan (Stage II) was submitted to NCDENR on April 17, 2014, and approved by NCDENR on April 29, 2014. This investigation is currently ongoing.

4.2 Interim Remedial Measures

4.2.1 AOC 86 – TCE Release Area

Previous investigations conducted at the Site have identified TCE-impacted groundwater in the area of monitoring well MW-30A near the Site's chemical tank storage area (Figure 5). TCE levels vary vertically in this area, with the highest concentration found near the base of shallow sandy soils, which comprise the uppermost water-bearing horizon. The most impacted zone is a relatively thin and poorly permeable interval of dark silty sand directly overlying the mudstone confining layer at a depth of about 15 to 18 feet. The water table lies at about 5 feet below ground surface (DuPont CRG 1998a).

TCE trapped in this horizon diffuses into flowing groundwater in the overlying permeable sands creating an approximately 350-foot wide plume that extends approximately 800 feet in the downgradient (northwest) direction (Parsons 2013). Average linear groundwater velocity is estimated to be 0.05 to 0.1 feet/day. There is no evidence of TCE migration into the underlying mudstone (DuPont CRG 1998a).

A groundwater recovery and treatment system was installed at the Kinston Plant as an interim remedial measure to intercept TCE-impacted groundwater in the Manufacturing Area. The design and operation of this system were previously described in a Corrective Action Plan approved by the NCDENR in a letter to DuPont dated April 18, 1995.

In June 1998, DuPont recommended that zero valent iron be used to treat source zone soils and contaminated groundwater (DuPont CRG 1998b). With NCDENR's approval,

DuPont installed the source treatment pilot and the permeable reactive barrier (PRB) wall in the summer of 1999.

Based on soil and groundwater data collected after the PRB wall installation, the zero valent iron treatment system was considered an effective treatment (DuPont CRG 2002). TCE concentrations in downgradient monitoring well locations (MW-29, MW-35, MW-37, and MW-45) of the PRB wall have continued to decline or remain below detection limits. As a result, the pump-and-treat system is no longer operational, and the system has been removed.

4.2.2 SWMU 90 – Drum Discovery Area

The drum discovery area is an open, grassy field southwest of SWMU 9 in the southwest portion of the Site (see Figure 2). The area was previously used as a construction parking lot, which was removed approximately 20 years ago. During a 2004 excavation for soil to cap the nearby ash landfill, one 55-gallon drum was discovered at a depth of approximately 4 feet below grade. Testing of the contents revealed the presence of TCE. A surface geophysical survey was completed in May 2004 to detect and determine the number of any additional buried drums. The survey indicated the presence of additional drums. An excavation was performed in 2006 across the anomalies observed in the geophysical survey. Excavations completed in locations T2 and T3 in 2010 revealed crushed drums, laboratory waste, and soil impacted with Dowtherm®. The largest impacts were at T3 where eight empty drums, broken and intact amber bottles, clear glass (e.g., pipettes, beakers), nylon rubber, drum rings, concrete, plastic, rebar, and wood were uncovered. A total of 753 tons of Dowtherm® impacted soil was removed for disposal. No constituents were detected above screening criteria in the confirmatory sampling conducted at excavation T2. However, confirmatory samples at excavation T3 revealed that one metal and two organic constituents (arsenic, tetrachloroethylene, and the Dowtherm® constituent 1,1-biphenyl) were still present in the soil at levels exceeding screening criteria (Parsons 2010a).

4.2.3 SWMU 65 – No. 6 Oil Dewatering Area

The two SWMU 65 aboveground storage tanks (ASTs) are stationed across a gravel road from a former concrete bin containing coal. In the past, water mixed with No. 6 fuel oil was decanted from the two ASTs and then drained onto the coal inside the bin. The coal, which absorbs the water mixed with fuel oil, was eventually burned in the power house (Parsons 2010b).

Six soil samples were collected adjacent to the coal storage bin during the 1997 CS investigation. The samples were collected above the water table (at depths of 0 to 3.5 feet) and were analyzed for polycyclic aromatic hydrocarbons (PAHs). The analytical results indicate there were no PAHs present in any of the soil samples.

On August 6, 2005, a fuel oil spill occurred at SWMU 65. In an effort to redirect a sump drainage line following the spill, free-phase fuel oil was discovered in the surface soil. To remediate the soil and redirect the drainage line, soil was excavated to approximately 3 feet bgs. Contaminated soil from excavation activities was transported offsite and disposed of at an approved nonhazardous waste landfill. The area of excavation was backfilled and graded (no confirmation samples were collected). During remediation activities, it was determined that there had been previous spills or leaks of unknown volume and unknown lateral extent.

On April 17, 2006, a work plan was submitted to NCDENR to conduct an investigation regarding the previous spills noted at SWMU 65 in 2005. NCDENR approved the work plan on January 22, 2007. A report was submitted to NCDENR on September 28, 2007 (SWMU 65 Fuel Oil Delineation Report) detailing the activities of the investigation, which included collecting soil and groundwater samples at the unit. The report proposed further investigation to further delineate the lateral extent of contamination, remove impacted soils, and evaluate potential exposure to the onsite construction worker.

On March 21, 2008, a SWMU 65 Remedial Action Plan (RAP) was submitted to NCDENR for review. The RAP was revised on August 5, 2008, based on comments provided by NCDENR, and approved on February 2, 2009.

The remedial action (excavation) occurred immediately adjacent to and beneath railroad tracks. The observed presence of a clay layer beneath the railroad tracks (at approximately 2.5 feet below grade) appeared to have prevented any vertical migration. During the remedial action, a total of 289 tons of contaminated soil and rock were removed from SWMU 65 and transported to a nonhazardous waste landfill for disposal. Twenty-one confirmation soil samples were collected from the excavation and analyzed for volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs) and extractable petroleum hydrocarbons.

4.3 Data Set for EI Determination

The following environmental quality data were used in the EI determination:

Groundwater

- Manufacturing Area – 103 groundwater samples (including duplicates) collected in 2013 and 2014 from 60 locations related to RFI and TCE CAP groundwater monitoring activities
- South Disposal Area – 72 groundwater samples (including duplicates) collected in 2013 and 2014 from 42 locations related to RFI and semi-annual Ash Landfill groundwater monitoring activities

Soil

A total of 184 surface soil samples and 207 subsurface soil samples (including duplicates) were collected during the 1997 CS, 2000 Phase I RFI, 2004 CAP investigation, 2005 SWMU 33 investigation, 2006 and 2007 Hazardous Waste Pad Closure, 2008 Baseline Environmental Site Assessment, 2010 SWMU 90 Borrow Pit Investigation, and the 2013 and 2014 Phase III RFI.

Sediment

Sediment samples have not been collected from the Neuse River since site activities would not be expected to have impacted this medium based on detected constituents and potential transport pathways to the river. Thirty-four sediment samples have been collected from 27 locations from the various on-site drainage channels during the 2000 Phase I RFI and were evaluated for completeness even though access to these channels is limited and no regular maintenance activities occur within these channels.

Surface Water

Twenty-seven surface water samples were collected from 2 locations (SW-1 and SW-2) within the Neuse River between 1997 and 2003. These samples were related to the semi-annual Ash Landfill monitoring activities. Additionally, 41 samples have been

collected from the on-site drainage channels between 1999 and 2012. For completeness, these data were also evaluated even though the manmade channels are generally inaccessible and not used for any recreational purposes.

Analytical data results are tabulated for groundwater in Tables 1, 4, 5 and 6, for surface water in Tables 7A and 7B, for sediment in Table 8 and soil in Tables 2 and 3 and Appendices A and B.

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5.0 STEP TWO – RISK-BASED SCREENING

Step two of the EI determination process asks the following question:

> Are groundwater, soil, surface water, sediments, or air media known or reasonably suspected to be "contaminated" above appropriately risk-based "levels"…from releases subject to RCRA Corrective Action?

To answer this question, this section presents the risk-based screening levels appropriate for current land- and groundwater-use at the Site and the media screening process.

5.1 Sources of Screening Criteria

The following appropriate risk-based screening levels were identified for use in the EI determination process based on current actual land and water uses. In addition, upgradient or background concentrations were considered in the data evaluation because many of the detected constituents (e.g., metals) are naturally occurring.

5.1.1 Groundwater

As presented previously, shallow groundwater is not used for drinking water or irrigation on or near the Site, thus, there are no appropriate risk-based screening levels available for comparison purposes. However, since deep groundwater is used as a drinking water source for the Site, constituents detected in all (shallow or deep) groundwater were compared to available NC 2L Standards or NC Interim Maximum Allowable Concentration (IMAC), or USEPA RSLs for tap water when NC 2Ls or IMACs were not available as a conservative measure.

5.1.2 Soil and Sediment

Soil data were compared to NCDENR's preliminary soil remediation goals (PSRGs) for industrial soil where available. The PSRG represents a combined exposure including inhalation of particulates and volatile compounds, dermal absorption and ingestion. Constituents that exceeded their respective PSRGs were also compared to site-specific background data for inorganics, if available. For the purposes of this evaluation, PSRGs were based on an excess cancer risk of 10^{-6} (1 in 1 million) and a hazard quotient for noncancer effects of 0.2.

Sediment data have not been collected from the Neuse River since site activities are not expected to have impacted this medium based on detected constituents and potential transport pathways to the river. For completeness, sediment data collected from the on-site drainage channels were also compared to industrial soil PSRGs as a conservative measure. This comparison is considered conservative since the material is below water and exposure, if at all, by occasional industrial/environmental workers would be less frequent than the assumptions used in the development of the PSRGs. Since, there are no relevant risk-based criteria, exceedances of these criteria would not be deemed to constitute contamination.

5.1.3 Surface Water

Twenty-seven surface water samples were collected from 2 locations within the Neuse River between 1997 and 2003 related to the semi-annual Ash Landfill monitoring activities. Surface water concentrations were compared to North Carolina Surface Water Quality Standards (15A NCAC[1] 2B) for human health – fish ingestion where available (the Neuse River is classified as a Class C water adjacent to the site) and risk-based NC2L or NC IMAC standards when NC2Bs were lacking.

For completeness and similar to the analysis that was done for the sediment data, a comparison to surface water screening levels was also done for the 41 water samples collected from the 19 locations from on-site drainage channels as a conservative measure even though these manmade channels are not used for drinking water or recreational purposes, access is limited and no regular maintenance activities occur in these channels. Since there are no “appropriate” risk-based values available for comparison, exceedance of these criteria would not be deemed to constitute contamination.

5.1.4 Indoor Air

While VOCs have been detected in monitoring wells at the Site, only two of these wells are located within 100 feet of an occupied building. The detections of VOCs in these wells are isolated to spills associated with the Dowtherm Unit and except for diphenyl ether, no groundwater plumes have been identified near the Dowtherm Unit. The wells (SWMU14-TW-5 and SWMU60-TW-1) are located near buildings that are fairly large (measuring 177 feet x 26 feet x 30 feet), which are only occupied 3 to 4 hours a day. In addition, the buildings are open to outside air during the summer months when volatilization of constituents into indoor air would be at its maximum. Detections of VOCs in these wells were compared to the NCDENR vapor intrusion screening levels for non-residential use. Based on this comparison, only biphenyl was detected at concentrations above the NCDENR vapor intrusion screening levels for non-residential use. Since the NCDENR vapor intrusion screening levels are based on occupancy of 8 hours per day and an attenuation factor of 0.001, the concentrations of biphenyl detected in these wells are unlikely to be affecting indoor air at unacceptable levels within these large, generally open air structures. To further evaluate this pathway, the Johnson and Ettinger Model (USEPA, 2013) was run to calculate a target concentration in groundwater that is protective of indoor air for biphenyl, which was then used to further screen the groundwater detections of biphenyl in these wells (Appendix C).

5.2 Screening Evaluation

The data collected from the previous investigation activities were compared to the screening criteria discussed in Section 5.1. Screening level exceedances may indicate a potential release from a unit, but do not indicate that an unacceptable exposure exists. Rather, the screening levels serve to indicate potential concerns for human exposure. The screening evaluation results are discussed below.

[1] NCAC – North Carolina Administrative Code

5.2.1 Exposure to Groundwater

Although release to groundwater was evaluated for each unit, for the purpose of the evaluation, groundwater was evaluated by groundwater flow components (Manufacturing Area and South Disposal Area). Groundwater was also evaluated holistically as part of its own AOC (AOC GW). This holistic approach allows determinations to be made with respect to current site conditions at perimeter boundaries and potential exposure points.

A total of 147 groundwater monitoring wells and/or piezometers have been installed at the Site during historical investigation efforts. During the CS and RFI, groundwater samples were analyzed for VOCs, SVOCs, and metals, as well as methanol, glycols (selected locations only), monitored natural attenuation (MNA) parameters, and water quality parameters.

When compared to 15A NCAC 2L, the NC 2L Groundwater Standards or USEPA RSLs for Tap Water, a number of constituents of concern (COCs) exceeded the screening criteria. These included the VOCs, SVOCs, and metals as listed below. Tables 4 and 5 summarize the 2013-2014 groundwater results compared to drinking water screening levels for the Manufacturing Area and South Disposal Area wells, respectively.

Manufacturing Area

VOCs

- Biphenyl
- Cis-1,2-DCE
- TCE
- Vinyl chloride
- 1,2-dichloroethane
- Acetaldehyde
- Tetrachloroethene

SVOCs

- Diphenyl ether
- 1,4-dioxane
- 4-chloroaniline
- Bis(2-ethylhexyl)ptthalate
- 1,2-diphenylhydrazine
- Naphthalene
- Phenol
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(a)anthracene

Metals

- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium
- Cobalt
- Lead
- Nickel
- Thallium
- Vanadium
- Zinc

South Disposal Area

VOCs

- Biphenyl
- 1,1-dichloroethane
- 1,1-DCE
- Vinyl chloride
- Acetaldehyde
- Benzene
- Chloroform
- Methylene chloride
- Cis-1,2-dichloroethene
- 1,2-dichloropropane

SVOCs

- Acrolein
- 1,4-dioxane
- 2-methylnaphthalene
- O-cresol
- Diphenyl ether
- Ethylene glycol
- Isobutyl alcohol
- Phenol
- Pyridine

- Terephthalic acid
- P-cresol

Metals/Inorganics

- Arsenic
- Antimony
- Chromium
- Cobalt
- Manganese
- Vanadium
- Iron
- Lead
- Fluoride

Miscellaneous

- Total dissolved solids

5.2.2 Exposure to Soil

Surface Soil

Site data evaluated for this pathway included surface soil samples (depending on investigation, 0 to 1 foot bgs or 0 to 2 feet bgs interval) collected during the CS, RFI, and SWMU 33 investigations. Constituents detected above both site-specific background and the PSRG were retained in the evaluation. Constituents without a PSRG (such as phenanthrene) were compared to the PSRG from a structurally similar compound. Exceedances are indicated below and on Table 2.

VOCs

- Chloroform

SVOCs

- TPH
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(a)anthracene
- Dibenz(ah)anthracene
- Indeno(123-cd)pyrene
- Biphenyl
- Diphenyl ether

Metals

- Antimony
- Arsenic
- Chromium
- Lead

Subsurface Soil

Site data evaluated for this pathway included subsurface soil samples (depending on investigation > 1 foot bgs or > 2 feet bgs sample intervals) collected during the CS, RFI and SWMU 33 investigations. Constituents detected above the PSRG were retained (Table 3) and are indicated below.

VOCs

- TCE

SVOCs

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenz(ah)anthracene
- Biphenyl
- Diphenyl ether
- TPH

Metals

- Arsenic
- Chromium

5.2.3 Exposure to Air

Indoor Air

There are only two wells with VOC detections located within 100 feet of an occupied building (Table 6). The wells (SWMU14-TW-5 and SWMU60-TW-1) are located near buildings that are fairly large (177 feet x 26 feet x 30 feet) and are only occupied 3 to 4 hours a day. In addition, the buildings are open to outside air during the summer months when volatilization of constituents into indoor air would be at its highest. When compared to NCDENR vapor intrusion screening levels, only biphenyl was detected in these wells above its vapor intrusion screening level. The detections of biphenyl were further evaluated using the Johnson and Ettinger Model to calculate a target concentration in groundwater that is protective of indoor air. The results of the model demonstrate that the detections of biphenyl in these wells are not at concentrations of concern for indoor worker (the target groundwater concentration is greater than the solubility of biphenyl (Appendix C).

Outdoor Air

Most SWMUs and AOCs in which constituents in surface soil exceed screening levels are covered by asphalt, concrete or crushed stone, or are located away from active plant areas in remote/inactive portions of the Site. The potential for exposure to impacted soil is thereby minimized. In addition to these covers, excavation limitations are in place to ensure the appropriate personal protective equipment (PPE) is used if soil is disturbed.

5.2.4 Exposure to Surface Water

Site data evaluated for this pathway included surface water samples collected from the Neuse River during the Ash Landfill Monitoring Program. There were no constituents detected above NC2B standards in the Neuse River (Table 7A).

For completeness, this comparison was also done for water samples collected from the on-site drainage channels as a conservative measure even though the manmade channels are generally inaccessible and not used for any recreational purposes. Based on this conservative comparison, the following screening level exceedances were noted: 1,4-dioxane, N-butanol, arsenic, cadmium, chromium, lead, selenium, thallium, and vanadium (Table 7B). However, as the channels are not used for drinking water or recreational purposes and access to these channels is limited (due to their remote location and thick vegetation) and no regular maintenance activities occur in these channels, exceedances of the NC drinking water and fish consumption criteria are not deemed to constitute contamination.

5.2.5 Exposure to Sediment in the On-Site Drainage Channels

Sediment data have not been collected from the Neuse River since site activities are not expected to have impacted this medium based on detected constituents and potential transport pathways to the river.

For completeness, sediment data collected from the on-site drainage channels were compared to industrial soil PSRGs as a conservative measure. This is considered conservative since exposure by occasional industrial/environmental workers or trespassers would be less frequent than the assumptions used in the development of the PSRGs. Based on comparison to soil PSRGs, PAHs were identified in the drainage channels. However, exceedance of these soil industrial worker-based PSRGs are not deemed to constitute contamination. As with surface water, access to the on-site drainage channels is limited (due to their remote location and thick, surrounding vegetation), the drainages are not used for recreational purposes and regular maintenance activities do not occur in these channels, thus, contact by potential receptors with this medium is also incomplete and no constituents of concern were identified.

5.2.6 Migration of Groundwater to Surface Water

Although shallow groundwater is not used for domestic purposes, shallow groundwater in the vicinity of the perimeter wells may discharge to the Neuse River. Table 1 presents the results of the estimated concentrations of the COPCs in the Neuse River due to groundwater discharge. The maximum detected concentrations in the perimeter wells closest to the Neuse River were used to estimate the mass flux to the river. None of the constituents predicted concentrations in the surface water of the Neuse River exceeded

screening criteria (Table 1). Therefore, no constituents were identified in the Neuse River as a result of groundwater migration.

6.0 STEP THREE – COMPLETE EXPOSURE PATHWAYS

Step three of the EI determination process asks the following question:

> Are there complete pathways between "contamination" and human receptors such that exposures can be reasonably expected under the current (land and groundwater use) conditions?

An exposure pathway consists of the following:

- Constituent source(s)
- Mechanism of constituent release to the environment
- Transport or exposure medium containing the constituents
- Exposure point where humans (receptors) can contact the exposure medium
- Exposure route (e.g., inhalation or ingestion)

All of these elements must be present for an exposure to occur. Figure 5 depicts the potential pathways by which human receptors may be exposed to constituents in environmental media under current land- and water-use conditions. This model for the EI determination process identifies chemical sources and exposure pathways that can potentially result in human exposure.

This section therefore presents the potential receptors for the current land and groundwater uses and complete exposure pathways identified for each potential receptor.

6.1 Potential Receptors

Potential receptors are defined as human populations or individuals and environmental systems that are susceptible to contaminant exposure from the DuPont Kinston Site. As part of the EI determination process, only current land- and water-use conditions were considered in determining exposure scenarios. However, future land-use is anticipated to be no different from the current use in that manufacturing operations will continue and use of the property will remain non-residential. Identified potential human receptors, given the site setting and land uses at and adjacent to the Site, are described in the following paragraphs.

On-Site Industrial Worker

The Site is an active industrial facility; therefore, industrial workers are considered as the current on-site potential human receptors. Exposure to surficial soils by workers is expected to be minimal because the majority of the workers work inside buildings and outside storage areas are paved with concrete. Therefore, potential exposure to constituents in surface soil (0 to 2 feet bgs) is limited to small areas that do not have a surface cover (bare soil). With the exception of the WWTP, intermittent activities occur in isolated portions of the South Disposal Area.

On-Site Construction/Excavation Worker

The on-site construction/excavation worker is potentially exposed to surface and subsurface soil and groundwater while repairing subsurface utility lines, performing intrusive activities, conducting environmental investigations or during short-term construction activities. Groundwater occurs in some shallow monitoring wells at

depths ranging from approximately 2 to 15 feet bgs at the Site; therefore, direct contact with groundwater may also occur during intrusive activities.

Trespasser

A trespasser is potentially exposed to constituents detected in surface soil (0 to 1 foot bgs). The trespasser would be limited to the South Disposal Area as the main manufacturing area is fenced and and guarded, and access is controlled and limited to authorized personnel only. Vehicular access to the South Disposal Area is limited to entrance from the Manufacturing Area, but a trespasser could gain access to the plant from the river or via foot through the wooded areas around the plant

No downgradient receptors of off-site shallow groundwater exist because the prevailing flow direction is either towards the Neuse River (South Disposal Area) or Beaverdam Branch (Manufacturing Area). Therefore, off-site residents exposed to shallow groundwater were not considered to be potential receptors.

Sensitive receptors (such as a daycare) are not located on or adjacent to the Site. Therefore, these receptors were also not considered to be potential receptors.

6.2 Exposure Pathways

Consistent with the EI determination process, the potentially complete exposure pathways identified in Figure 5 were further evaluated to determine if exposures can reasonably be expected to occur under current land-use conditions at the Site.

6.2.1 Complete Pathways

Groundwater

The potential for exposure to groundwater is low because shallow groundwater is not used on-site for potable or industrial purposes. In addition, no residential users have been identified within a one-mile radius of the Site. However, due to the shallow depth of groundwater in some portions of the Site, exposure may occur during construction/excavation activities. Potentially complete exposure pathways for a construction/excavation worker may include incidental ingestion of and dermal contact with groundwater.

Surface Soil

The potential for exposure to COPCs in surface soils is low for most receptors under current conditions because the principal areas of surface soil contamination have limited access, are located in portions of the plant where routine activities do not occur or in remote/inactive portions of the site, or are covered by gravel, concrete or crushed stone. The receptor with the greatest potential for exposure is the on-site construction/excavation worker, where a greater likelihood of direct contact with impacted soil is associated with intrusive activities.

Complete exposure pathways, therefore, may include the following:

- On-Site Industrial Worker: incidental ingestion of and dermal contact with surface soil and inhalation of soil-derived particulates or vapors;

- On-Site Construction/Excavation Worker - incidental ingestion of and dermal contact with surface soil and inhalation of soil-derived particulates or vapors; and
- Trespassers – incidental ingestion of and dermal contact with surface soil and inhalation of soil-derived particulates and vapors.

Subsurface Soil

Because subsurface soil contamination is only present on-site and exposure to subsurface soil is only achieved during excavation and construction activities, the only potential receptor is the on-site construction/excavation worker. Therefore, the complete exposure pathways may include incidental ingestion of and dermal contact with subsurface soil and inhalation of soil-derived particulates or vapors.

6.2.2 Incomplete Pathways

Groundwater

Although site-related constituents were detected in the shallow groundwater (see Section 5.2.1), there is no potential for exposure to shallow groundwater because it is not used on-site for potable or industrial uses. Therefore, direct contact (ingestion or dermal contact) with groundwater for on-site industrial workers is incomplete.

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7.0 STEP FOUR – EXPOSURE ANALYSIS

The screening processes used in Step Two and Step Three may yield an incomplete picture that over- or underestimates the conditions associated with that unit for posing a potential adverse effect on human health. As a result, step four of the EI determination process asks the following question:

> Can the exposures from any of the complete pathways identified in #3 be reasonably expected to be "significant"?

This section therefore considers the unit- or site-specific activity patterns and physical conditions that exist at the Site or unit and focuses on whether potential exposure pathways and receptors can be reasonably expected to be significant. No significant exposure pathways were identified for the DuPont Kinston Site, although potentially complete exposure pathways may exist.

7.1 Groundwater Exposure Pathways

The potentially complete exposure pathways for groundwater may include the on-site construction/excavation worker through incidental ingestion of and dermal contact with groundwater and inhalation of vapor phase chemicals released from groundwater to a confined space (trench).

Since impacted groundwater underlies much of the Kinston Site, there are potentially complete exposure pathways for on-site construction/excavation workers engaged in excavation activities where the water table might be encountered. With regard to the on-site construction worker, the exposure pathway is not significant due to a rigorous system of policies and procedures employed at the Site to protect against unacceptable human exposures. The Kinston Plant has consistently used a permitting process that requires Kinston Plant Environmental Affairs' authorization for any intrusive activities (e.g., boring, drilling, excavation) into the soils or building foundations at the Site. The purpose of the permitting process is to ensure that:

- Appropriate measures are taken for personnel protection should such subsurface activity encounter impacted soils or groundwater (i.e., PPE).
- Construction methods are conducive to protection of the groundwater from contamination or transfer of contaminants laterally or vertically.
- Construction practices are carried out so as to minimize the generation of potentially impacted media and to ensure that such media are properly characterized and disposed of in accordance with regulatory requirements.

Due to the strict adherence to the intrusive activity permitting process that is required at the Kinston Plant, the potential exposure of on-site construction/excavation workers to impacted groundwater is not significant.

7.2 Surface Soil Exposure Pathways

The potentially complete exposure pathways for surface soil may include:

- On-Site Industrial Worker: incidental ingestion of and dermal contact with surface soil and inhalation of soil-derived particulates or vapors;
- On-Site Construction/Excavation Worker - incidental ingestion of and dermal contact with surface soil and inhalation of soil-derived particulates or vapors; and

- Trespassers – incidental ingestion of and dermal contact with surface soil and inhalation of soil-derived particulates and vapors.

Institutional controls are in place to prevent disturbance of soil (both surface and subsurface) such that on-site receptors will not become exposed to contaminants in excess of screening criteria. These controls include permits and security controls. Permits are required for various activities at the Site. Specifically, excavation permits are required for an intrusive activity (Section 7.1). The permit process is a defined process where work locations are checked against sitewide maps. All available site environmental data, soil characterization, and utility information are also reviewed to ensure appropriate PPE is used to prevent exposure. The Site is fenced and security controls access on site 24 hours a day. Routine security patrols are also conducted throughout the Site. In addition, plant and area orientations are required for all workers prior to commencing work on site.

Areas where surface soil exceeds screening criteria are located in portions of the Site where routine activities do not occur; or in remote or inactive portions of the Site (such as SWMUs 1, 7 and 9 in the South Disposal Area); or, are paved or a gravel cover is present (such as SWMU 56 or AOC 107). Even in the highly unlikely event that a worker encountered impacted surface soil, the exposure frequency and duration assumptions inherent in the derivation of the risk-based criteria used to identify “contamination” are considerably greater in magnitude than the exposure a worker could realistically attain.

Due to the strict adherence to the intrusive activity permitting process that is required at the Kinston Plant and the locations of surface soil exceedances, potential on-site industrial worker and on-site construction/excavation worker exposures to impacted surface soil are not significant.

Trespassers have not been observed on-site and the areas where a trespasser could be exposed to COPCs in surface soil are limited to the South Disposal Area where routine security patrols are conducted. For trespassers, the only SWMUs in the South Disposal Area that had surface soil exceedances were SWMUs 1, 7 and 9. SWMU 9 is located directly southwest of the Main Manufacturing Area, thus, it is unlikely that trespassers would be able to spend any time in SWMU 9 without being noticed by security patrols. SWMUs 1 and 7 are located north of the southern perimeter road and would also be unlikely areas for trespassers to go unnoticed by site personnel. In addition, all three SWMUs have vegetative cover precluding direct access by trespassers with the surface soils. As a result, the frequency and duration of potential exposures by site trespassers would be extremely small due to site access restrictions and existing vegetative cover; therefore, the exposure to impacted surface soil is not significant.

7.3 Subsurface Soil Exposure Pathways

The potentially complete exposure pathways for subsurface soil may include the on-site construction/excavation worker through incidental ingestion of and dermal contact with soil and inhalation of soil-derived particulates or vapors.

The permitting process described in Section 7.1 for intrusive activities would preclude access to impacted soils without protective measures, such as PPE, to prevent exposures. Due to the strict adherence to the intrusive activity permitting process that is required at the Kinston Plant, potential on-site construction/excavation worker exposures to impacted subsurface soil are not significant.

7.4 Summary of Exposure Analysis

The following complete exposure pathways were evaluated in Step Four of the EI determination process:

- On-Site Industrial Worker - incidental ingestion of and dermal contact with surface soil;
- On-Site Construction/Excavation Worker - incidental ingestion of and dermal contact with soil (surface and subsurface), surface water, sediment and groundwater; inhalation of soil-derived particulates or vapors; and, inhalation of vapor-phase chemicals released from groundwater to a confined space (trench); and
- Trespasser – incidental ingestion of and dermal contact with surface soil.

None of the exposure pathways are expected to be significant. Therefore, further evaluation of these pathways is not warranted.

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8.0 STEP FIVE – RISK CHARACTERIZATION

Step five of the EI determination process quantitatively evaluates the specifics of reasonably anticipated exposures exceeding screening levels. Specifically,

> Can the "significant" exposures (identified in #4) be shown to be within acceptable limits?

As discussed in Section 7, there are no significant potential exposure pathways for human receptors under current conditions. As a result, Step Five of the EI determination process was not completed. The conclusion of the EI determination is presented in Section 9, which contains Step Six, the final step in the EI determination process.

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9.0 STEP SIX – EI DETERMINATION

The evaluation completed in steps one through six of the EI determination process results in one of three potential responses:

"YE" (yes, "current human exposures under control" has been verified),

"NO" ("current human exposures" are not "under control"), or

"IN" (more information is needed to make a determination.

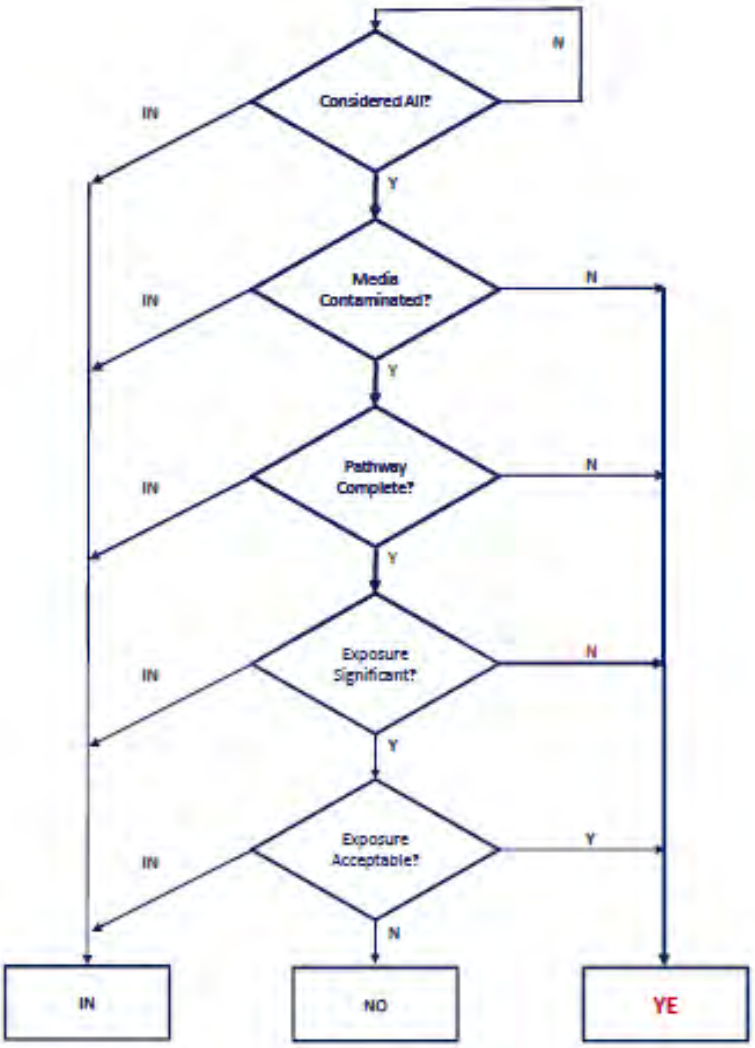
A positive CA725 EI determination **(YE)** was achieved for the DuPont Kinston Plant as summarized in the USEPA score sheet included in the opening pages of this report and depicted in the flowchart on the following page. A positive "Current Human Exposures Under Control" EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "contamination" subject to RCRA corrective action at or from the identified facility [i.e., sitewide]) (USEPA 1999).

Facility Name: **DuPont Kinston Plant**

EPA ID#: **NCD003190386**

City/State: **Kinston, North Carolina**

CURRENT HUMAN EXPOSURES UNDER CONTROL (CA 725)


Considered All?
N
IN
Y
Media Contaminated?
N
IN
Y
Pathway Complete?
N
IN
Y
Exposure Significant?
N
IN
Y
Exposure Acceptable?
Y
IN
N
IN
NO
YE

10.0 REFERENCES

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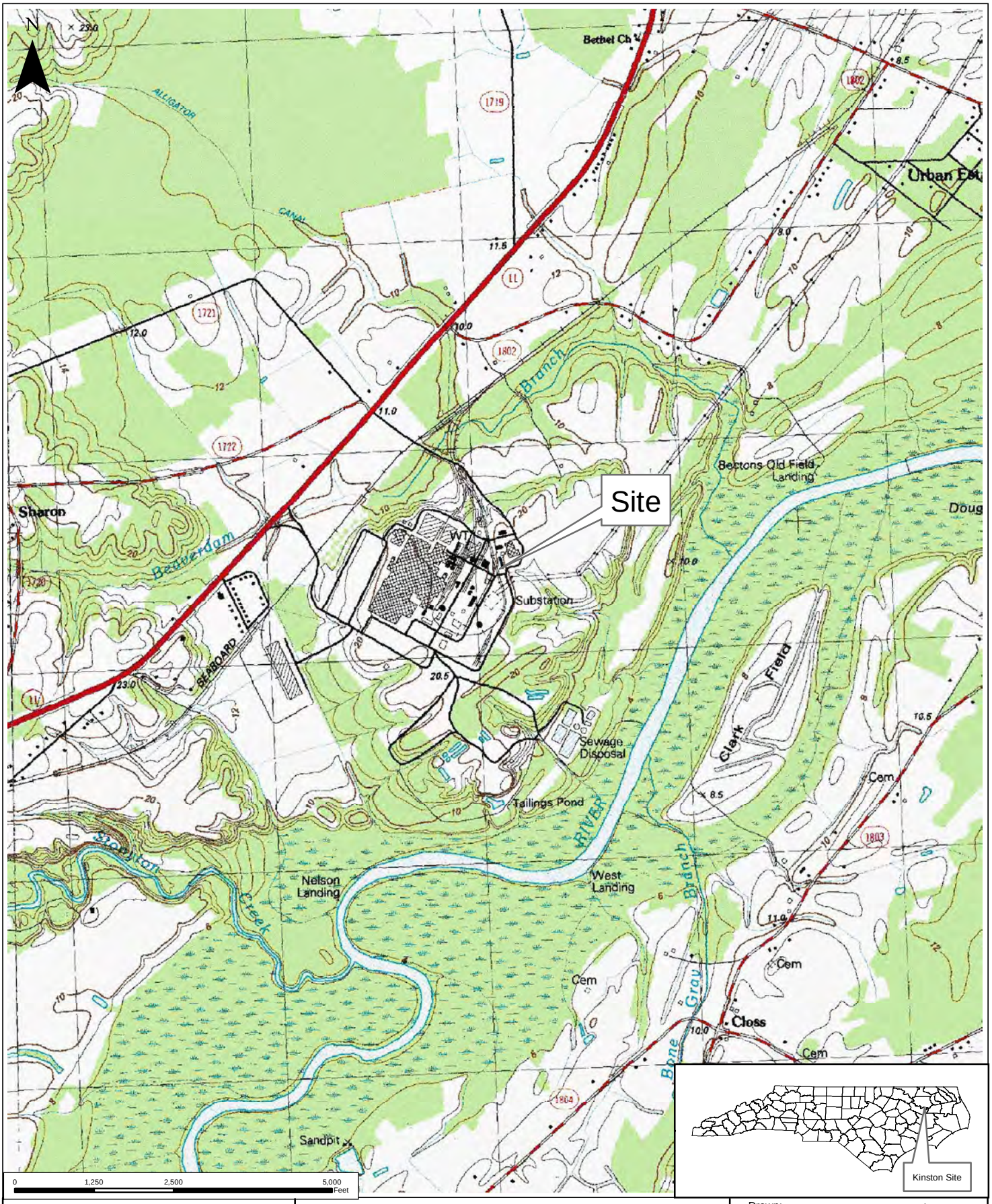
FIGURES



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4701 Hedgemore Dr.
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Topographic Site Location Map
DuPont Kinston Plant
Kinston, North Carolina

Drawn: C. Oneal	DuPont Project No.: 4406
Date: 4/13/2014	Parsons Project No.: 446664.01000
Revision: MH	Figure No.: 1
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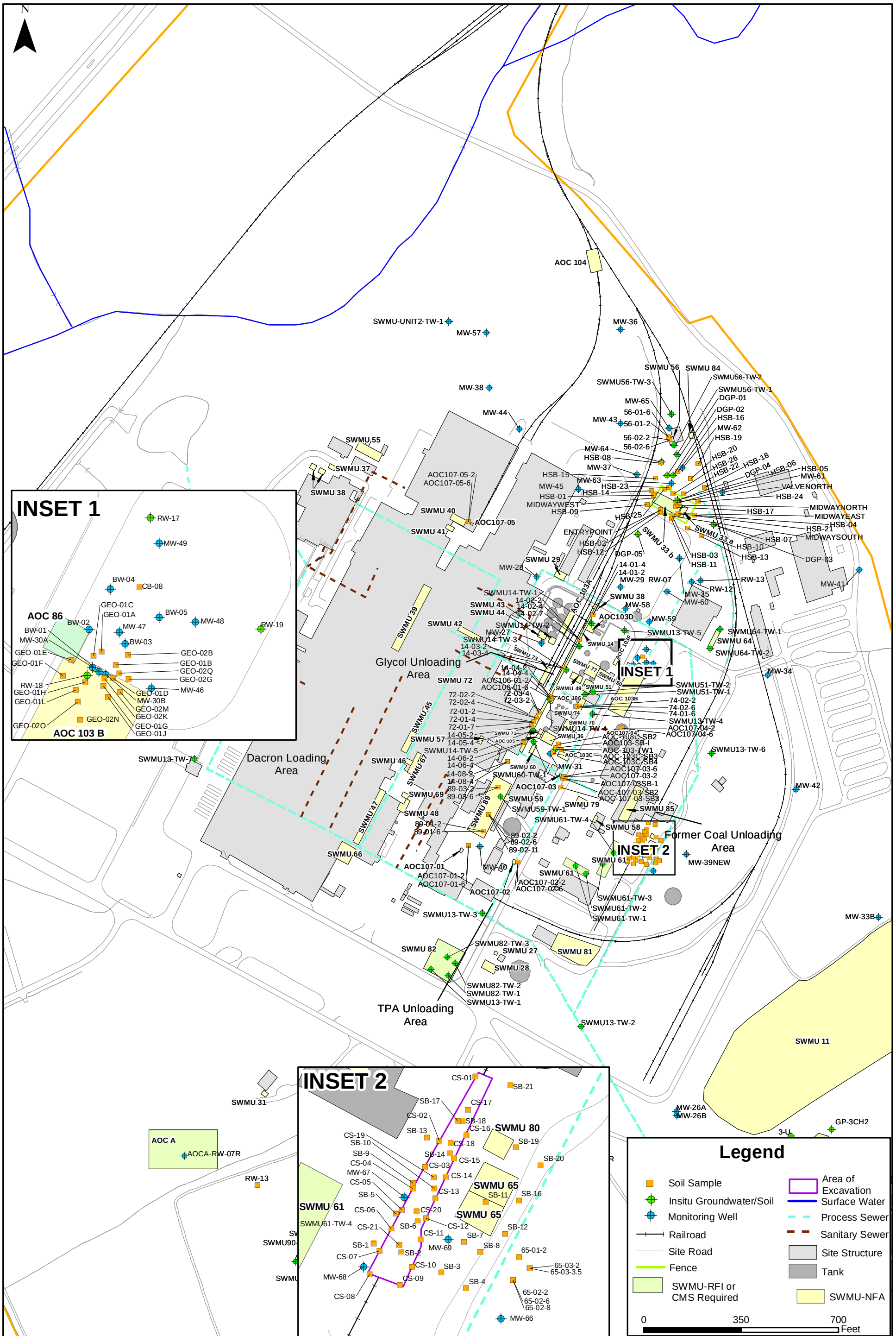

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SWMU and AOC Location Map - Manufacturing Area
DuPont Kinston Plant
Kinston, North Carolina

Drawn: C. Oneal	DuPont Project No.: 4406
Date: 8/12/2014	Parsons Project No.: 446664.01000
Revision: MH	Figure No.: 2
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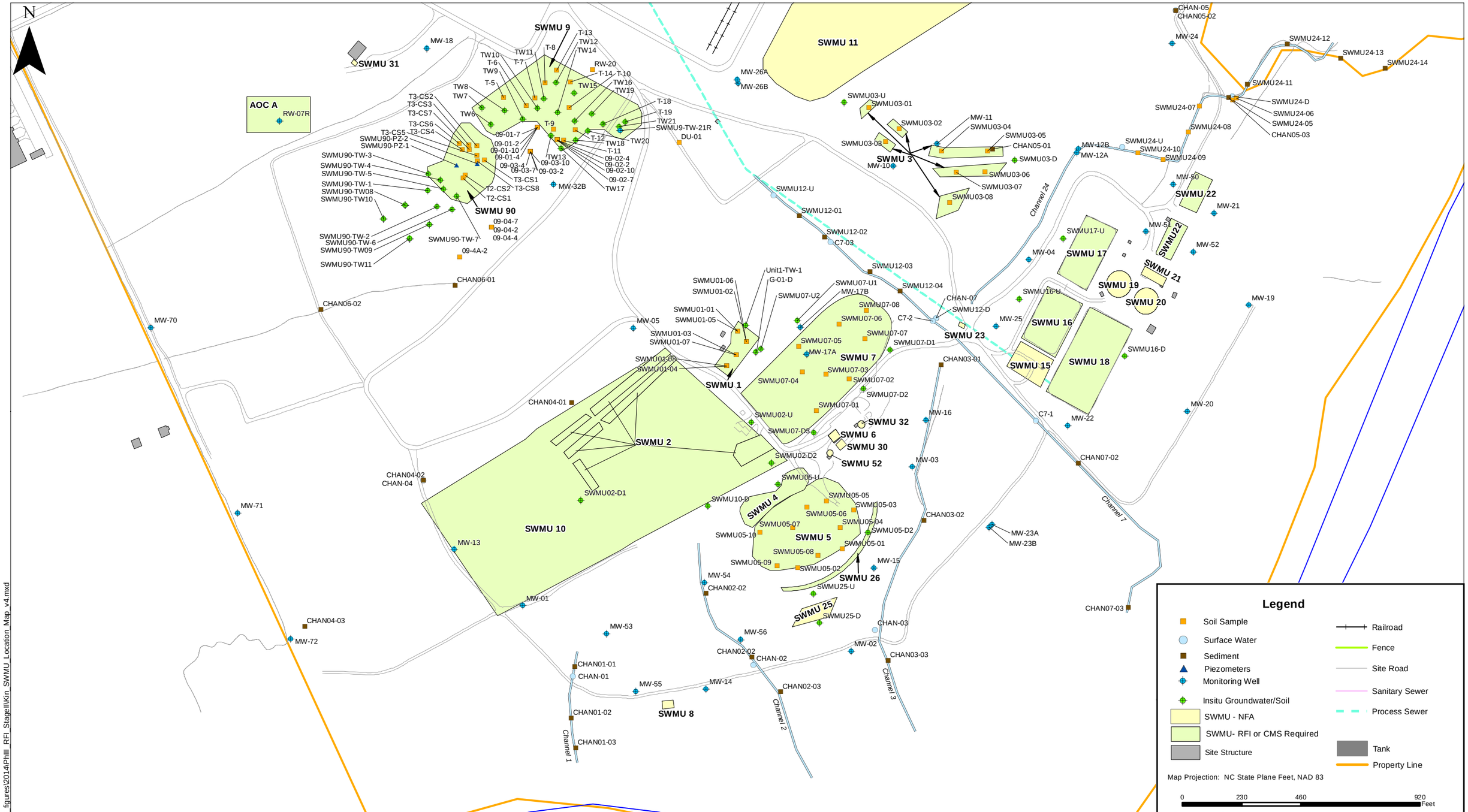

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Charlotte, NC 28209

SWMU and AOC Location Map - South Disposal Area
DuPont Kinston Plant
Kinston, North Carolina

Drawn: C. Oneal	DuPont Project No.: 4406
Date: 8/1/2014	Parsons Project No.: 446664.01000
Revision:	Figure No.: 3
File Name: Kin_SWMU_Location_Map_v4	

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Charlotte, NC 28209

Neuse River Surface Water Sample Locations
DuPont Kinston Plant
Kinston, North Carolina

Drawn: C. Oneal	DuPont Project No.: 4406
Date: 8/29/2014	Parsons Project No.: 448859
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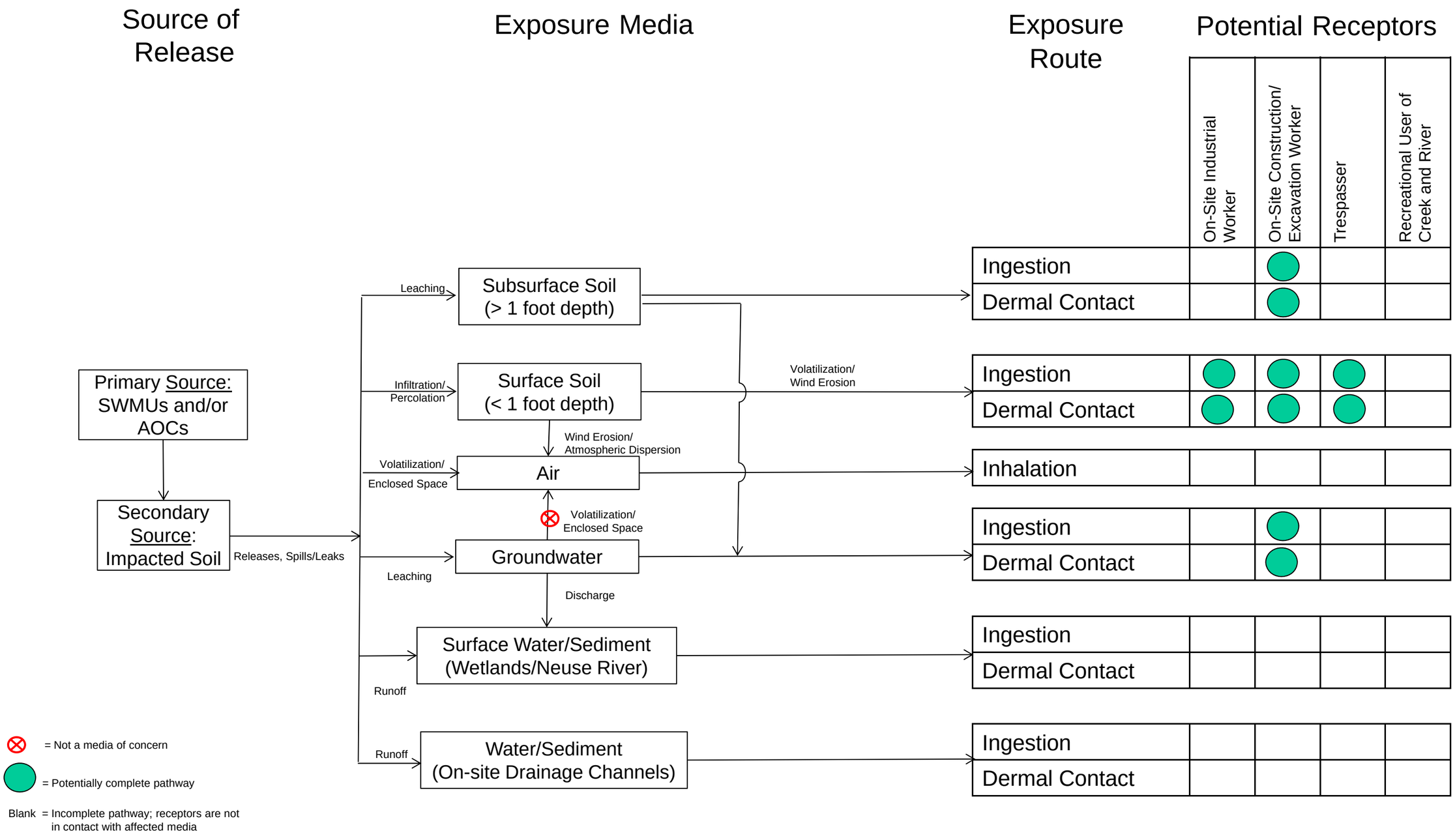

PARSONS

Parsons – Environment & Infrastructure
1900 West Loop South, Suite 400
Houston, Texas 77027

TITLE: **Site Conceptual Exposure Model**
EI 725
DuPont Kinston Plant, Kinston, NC

DWN: KF	REV.:
CHKD:	APPD:
DATE: 08/01/14	REV.: 11/25/14

PROJECT NO.:

FIGURE NO.: **5**

Folder\Conceptual Exposure Model.pptx

TABLES

Table 1
Groundwater Discharge to Neuse River
Comparison to Water Quality Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Csw = Cgw x Qa / (Qr x F x 60 sec/min)
Qa = K x I x A

where		Parameter	Value	Reference
	Csw =	Concentration in surface water (Neuse River), ug/L	calculated	USEPA, 1989 (Equation 3-37) and USEPA, 1996 (Exhibit 6-2) - as modified.
	Cgw =	Concentration in groundwater, ug/L	chemical-specific	Maximum concentration from perimeter wells (MW-02, MW-10, MW-11, MW-14 MW-15, MW-19, MW-20, MW-22, MW-23A, MW-53, and MW-56)
	Qa =	Flow in aquifer or aquifer zone, cf/min	calculated	
	K	Hydraulic conductivity (ft/min)	2.36E-03	DuPont, 2000 Phase I RFI Report page 44
	I	Gradient (ft/ft)	2.70E-02	DuPont, 2000 Phase I RFI Report page 44
	A	Aquifer cross section (ft^2)	3000	600 feet wide x 5 feet thick
	Qr =	Flow in river (at USGS station 02089500), cfs		
		Harmonic mean flow (for carcinogens)	2554	USGS 02089500 station data 1931-2000, waterdata.usgs.gov
		7Q10 (for noncarcinogenic substances and for protection of aquatic life)	283	DuPont, 2000 Phase I RFI Report
	F =	Mixing fraction of river	0.5	One-half of river cross section.

		Cgw	Qr	Qa	Csw	WQSL		
		Maximum Detected Value	Neuse River Flow [1]	Flow = KiA	Modeled Conc in Neuse River [2]	Water Quality Screening Level [3]		Csw > WQSL?
Constituent		ug/L	cfs	cf/min	ug/L	ug/L	Source	
1,4-Dioxane	c	3.00E+03	2.83E+02	1.91E-01	6.75E-02	8.00E+01	2B_ORG	No
Acetaldehyde	c	2.50E+02	2.83E+02	1.91E-01	5.63E-03	9.70E+02	2B_AQ	No
Acrolein	n	1.95E+02	2.83E+02	1.91E-01	4.39E-03	3.00E+00	2B_AQ	No
Benzene	c	1.30E+02	2.83E+02	1.91E-01	2.93E-03	5.10E+01	2B_ORG	No
Biphenyl	c	3.15E+03	2.83E+02	1.91E-01	7.09E-02	1.80E+01	2B_AQ	No
Chromium	n	1.10E+03	2.83E+02	1.91E-01	2.48E-02	5.00E+01	2B_ORG	No
Diphenyl Ether [4]	n	9.92E+03	2.83E+02	1.91E-01	2.23E-01	1.80E+01	2B_AQ	No
Iron	n	1.02E+05	2.83E+02	1.91E-01	2.30E+00	1.00E+03	2B_AQ	No
Manganese	n	8.04E+02	2.83E+02	1.91E-01	1.81E-02	n/a		
Methylene Chloride	c	8.60E+03	2.83E+02	1.91E-01	1.94E-01	5.90E+02	2B_ORG	No
Vinyl Chloride	c	6.00E+02	2.83E+02	1.91E-01	1.35E-02	2.40E+00	2B_ORG	No
Zinc	n	1.33E+04	2.83E+02	1.91E-01	2.99E-01	5.00E+01	2B_AQ	No

Notes:
c - cancer-linked compound.
n - noncarcinogen.
WQSL - Water Quality Screening Level.

Footnotes:
1 = The lower 7Q10 Neuse River flow was used when modeling river concentration to be conservative when comparing against screening levels
2 = Neuse River classified as Class C waters in 15A NCAC 2B
3 = Lower of the 15A NCAC 2B values for protection of freshwater organisms (chronic) (2B_AQ) and protection of human health (fish consumption) (2B_ORG) - [current as of 5/15/2013].
4 = Biphenyl Water Quality Screening Level used for Diphenyl Ether

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Table 2
Surface Soil Exceedances as Compared to NC DENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Location ID	Date Sampled	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	SB02	5/30/2007	1800	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	SB11	6/6/2007	43	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	SB10	5/31/2007	31	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	SB17	6/5/2007	12	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	SB04	6/4/2007	10	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
Antimony	SWMU07-07	4/19/2000	630	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
Antimony	SWMU07-08	4/19/2000	398	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
Antimony	SWMU07-06	4/19/2000	198	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
Arsenic	SWMU01-05	4/19/2000	84	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU07-07	4/19/2000	17.7	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU01-06	4/19/2000	16.1	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU07-08	4/19/2000	7.4	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	AOC107-05-2	1/23/1997	5.9	MG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	HSB-21	2/14/2007	4.6	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	09-4A-2	1/22/1997	4.3	MG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU07-06	4/19/2000	4.3	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU14-TW-1-S1	10/4/2013	3.91	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU14-TW-1-S1	10/4/2013	3.79	MG/KG			Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T1	5/24/2006	3.7	MG/KG			Y	Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	AOC107-01-2	1/22/1997	3.6	MG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	HSB-07	2/12/2007	3.6	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T1	5/24/2006	3.5	MG/KG			Y	Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU14-TW-5-S1	10/8/2013	3.32	MG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU13-TW-4-S1	10/3/2013	2.98	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU56-TW-1-S1	9/26/2013	2.81	MG/KG		J	Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU07-03	4/19/2000	2.8	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU07-05	4/19/2000	2.8	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU01-07	4/19/2000	2.5	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU01-08	4/19/2000	2.5	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU13-TW-7-S1	10/3/2013	2.44	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	HSB-26	2/15/2007	2.4	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Benzo(A)Anthracene	HSB-20	2/14/2007	6200	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(A)Anthracene	SB18	5/31/2007	6000	UG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(A)Anthracene	SWMU56-TW-3-S1	9/25/2013	3000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(A)Anthracene	56-02-2	1/24/1997	2300	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(A)Anthracene	MIDWAYSOUTH	6/16/2005	2100	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(B)Fluoranthene	HSB-20	2/14/2007	6500	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(B)Fluoranthene	SB18	5/31/2007	4400	UG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(B)Fluoranthene	SWMU56-TW-2-S1	9/26/2013	4000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(B)Fluoranthene	SWMU56-TW-3-S1	9/25/2013	3400	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(B)Fluoranthene	56-02-2	1/24/1997	2600	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
Benzo[A]Pyrene	HSB-20	2/14/2007	8300	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SB02	5/30/2007	4800	UG/KG	J	J	Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SB18	5/31/2007	3100	UG/KG	J	J	Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	56-02-2	1/24/1997	2800	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-3-S1	9/25/2013	2700	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-2-S1	9/26/2013	2300	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210

Notes:
UG/KG = Micrograms per Kilogram
MG/KG - Miligrams per Kilogram
FS = Field Sample
Dup = Duplicate Sample
J = Estimated Value

Table 2
Surface Soil Exceedances as Compared to NC DENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Location ID	Date Sampled	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
Benzo[A]Pyrene	MIDWAYSOUTH	6/16/2005	1800	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-2-S1	9/26/2013	1600	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	AOC10703-S1	9/27/2013	1200	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-3-S1	9/25/2013	1100	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-16	2/13/2007	860	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-10	2/13/2007	830	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU64-TW-1-S1	9/26/2013	740	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	ENTRYPOINT	6/16/2005	580	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-11	2/13/2007	490	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	VALVENORTH	6/17/2005	450	UG/KG			Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-1-S1	9/26/2013	430	UG/KG	J	J	Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	AOC107-03-2	1/22/1997	420	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-1-S1	9/26/2013	370	UG/KG		J	Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	AOC10703-SB-3	6/18/2014	320	UG/KG			Y	Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-12	2/13/2007	320	UG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	MIDWAYNORTH	6/17/2005	310	UG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	AOC10703-SB-3	6/18/2014	280	UG/KG			Y	Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	AOC10703-SB-2	6/18/2014	240	UG/KG			Y	Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	VALVENORTH	6/17/2005	230	UG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-1-S1	9/26/2013	210	UG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU64-TW-1-S1	9/26/2013	210	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Biphenyl	AOC103-S1	9/27/2013	260000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
C11 to C22 Aromatics	SB02	5/30/2007	3200	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
C11 to C22 Aromatics	AOC103-S1	9/27/2013	900	MG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
C11 to C22 Aromatics	SB11	6/6/2007	160	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
C11 to C22 Aromatics	SB18	5/31/2007	140	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
C9 to C18 Aliphatics	AOC103-S1	9/27/2013	39	MG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
C9 to C18 Aliphatics	SWMU56-TW-2-S1	9/26/2013	34	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
Chloroform	SWMU01-05	4/19/2000	1700	UG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
Chromium	SWMU07-07	4/19/2000	407	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	Site Background	42.7
Chromium	SWMU07-08	4/19/2000	266	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	Site Background	42.7
Chromium	09-04-2	1/22/1997	156	MG/KG			Y	Y	0-2 Feet	FS	Other Solid	Site Background	42.7
Chromium	SWMU07-06	4/19/2000	62.7	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	Site Background	42.7
Chromium	MIDWAYEAST	6/16/2005	43.1	MG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	Site Background	42.7
Dibenz(A,H)Anthracene	HSB-20	2/14/2007	1700	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Dibenz(A,H)Anthracene	SWMU56-TW-3-S1	9/25/2013	460	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Dibenz(A,H)Anthracene	56-02-2	1/24/1997	380	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
Dibenz(A,H)Anthracene	SWMU56-TW-2-S1	9/26/2013	380	UG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Dibenz(A,H)Anthracene	SWMU56-TW-2-S1	9/26/2013	260	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Dibenz(A,H)Anthracene	AOC10703-S1	9/27/2013	250	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Diphenyl Ether	AOC103-S1	9/27/2013	660000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
Indeno (1,2,3-CD) Pyrene	HSB-20	2/14/2007	4000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Lead	SWMU01-06	4/19/2000	1800	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
Unadjusted C11 - C22 Aromatics	SB02	5/30/2007	3300	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
Unadjusted C11 - C22 Aromatics	AOC103-S1	9/27/2013	900	MG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
Unadjusted C11 - C22 Aromatics	SB18	5/31/2007	280	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
Unadjusted C11 - C22 Aromatics	SB11	6/6/2007	160	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130

Notes:
UG/KG = Micrograms per Kilogram
MG/KG - Miligrams per Kilogram
FS = Field Sample
Dup = Duplicate Sample
J = Estimated Value

Table 3
Subsurface Soil Exceedances as Compared to NCDER Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Location ID	Date Sampled	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
Arsenic	56-01-6	1/24/1997	32.3	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU82-TW-2-S2	10/1/2013	16.9	MG/KG			Y	Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T10	5/23/2006	12.3	MG/KG			Y	Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T10	5/23/2006	11.8	MG/KG			Y	Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	AOC107-05-6	1/23/1997	10.7	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T13	5/24/2006	10	MG/KG			Y	Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	56-02-6	1/24/1997	9.3	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU56-TW-2-S2	9/26/2013	8.58	MG/KG		J	Y	Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU14-TW-1-S3	10/4/2013	8.16	MG/KG			Y	Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T3-CS6	6/17/2010	7.28	MG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	RW-3	7/2/2008	7.18	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	RW-13	7/2/2008	7.11	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU56-TW-1-S2	9/26/2013	6.77	MG/KG		J	Y	Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU14-TW-1-S2	10/4/2013	6.63	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	UNIT1-TW-1-S1	10/9/2013	5.9	MG/KG		J	Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	UNIT1-TW-1-S1	10/9/2013	5.86	MG/KG		J	Y	Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	RW-2	7/2/2008	5.54	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	RW-23	7/1/2008	5.26	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	RW-28	7/1/2008	4.81	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU14-TW-3-S3	10/8/2013	4.71	MG/KG		J	Y	Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	09-04-4	1/22/1997	4.6	MG/KG			Y	Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	HSB-07	2/12/2007	4.5	MG/KG			Y	Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T3-CS7	6/17/2010	4.36	MG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	09-02-4	1/21/1997	4.2	MG/KG			Y	Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU14-TW-2-S2	10/4/2013	4.16	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T7	5/23/2006	4.1	MG/KG			Y	Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T11	5/23/2006	4	MG/KG			Y	Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T2	5/24/2006	3.8	MG/KG			Y	Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T5	5/22/2006	3.8	MG/KG	B	J	Y	Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T14	5/25/2006	3.7	MG/KG	J		Y	Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU14-TW-4-S3	10/8/2013	3.6	MG/KG		J	Y	Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	14-01-4	1/17/1997	3.5	MG/KG			Y	Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	RW-4	7/3/2008	3.32	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T3-CS3	6/17/2010	3.29	MG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T3-CS5	6/17/2010	3.03	MG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	AOC107-02-6	1/22/1997	2.9	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	HSB-15	2/13/2007	2.9	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	P1	5/25/2006	2.9	MG/KG	J		Y	Y	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T12	5/25/2006	2.9	MG/KG	J		Y	Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T6	5/22/2006	2.9	MG/KG			Y	Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	DU-10	7/2/2008	2.81	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	P4	5/25/2006	2.8	MG/KG	J		Y	Y	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	RW-25	7/1/2008	2.75	MG/KG			Y	Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	RW-18	7/2/2008	2.74	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	SWMU13-TW-4-S2	10/3/2013	2.74	MG/KG			Y	Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00

Notes:
UG/KG = Micrograms per Kilogram
MG/KG - Miligrams per Kilogram
FS = Field Sample
Dup = Duplicate Sample
J = Estimated Value
B = Analyte Detected in Blank

Table 3
Subsurface Soil Exceedances as Compared to NCDER Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Location ID	Date Sampled	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
Arsenic	HSB-07	2/12/2007	2.7	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	AOC10703-S2	9/27/2013	2.66	MG/KG		J	Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	09-01-4	1/21/1997	2.6	MG/KG			Y	Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	P2	5/25/2006	2.5	MG/KG	J		Y	Y	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	T3-CS5	6/17/2010	2.48	MG/KG			Y	Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	HSB-24	2/15/2007	2.4	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Arsenic	P1	5/25/2006	2.4	MG/KG	J		Y	Y	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
Benzo(A)Anthracene	HSB-03	12/30/2005	3200	UG/KG			Y	Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo(B)Fluoranthene	HSB-03	12/30/2005	2800	UG/KG			Y	Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
Benzo[A]Pyrene	HSB-03	12/30/2005	2300	UG/KG			Y	Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-09	2/12/2007	1400	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-3-S2	9/25/2013	1300	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	22-04-5	1/22/1997	1000	UG/KG			Y	Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	SWMU56-TW-3-S2	9/25/2013	880	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-23	2/15/2007	670	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-22	2/15/2007	560	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-10	2/13/2007	520	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-26	2/15/2007	400	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-20	2/14/2007	390	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Benzo[A]Pyrene	HSB-17	2/14/2007	350	UG/KG	J	J	Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Biphenyl	T3	5/24/2006	510000	UG/KG			Y	Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
Biphenyl	T3-CS3	6/17/2010	127000	UG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
Biphenyl	T3-CS5	6/17/2010	127000	UG/KG			Y	Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
Biphenyl	T3-CS5	6/17/2010	77500	UG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
C9 to C18 Aliphatics	UNIT1-TW-1-S1	10/9/2013	11	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
Chromium	RW-13	7/2/2008	307	MG/KG			Y	Y	1-3 Feet	FS	Soil	Site Background	42.7
Chromium	SWMU56-TW-1-S2	9/26/2013	306	MG/KG			Y	Y	6-8 Feet	FS	Soil	Site Background	42.7
Chromium	SWMU56-TW-2-S2	9/26/2013	239	MG/KG			Y	Y	6-8 Feet	FS	Soil	Site Background	42.7
Chromium	56-02-6	1/24/1997	162	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	Site Background	42.7
Chromium	56-01-6	1/24/1997	141	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	Site Background	42.7
Chromium	RW-4	7/3/2008	57.9	MG/KG			Y	Y	1-3 Feet	FS	Soil	Site Background	42.7
Chromium	T10	5/23/2006	46.8	MG/KG			Y	Y	7.8-7.8 Feet	FS	Soil	Site Background	42.7
Chromium	RW-3	7/2/2008	44.5	MG/KG			Y	Y	1-3 Feet	FS	Soil	Site Background	42.7
Dibenz(A,H)Anthracene	SWMU56-TW-3-S2	9/25/2013	230	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
Diphenyl Ether	T3	5/24/2006	2200000	UG/KG			Y	Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
Diphenyl Ether	T3-CS5	6/17/2010	304000	UG/KG			Y	Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
Diphenyl Ether	T3-CS3	6/17/2010	268000	UG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
Diphenyl Ether	T3-CS5	6/17/2010	191000	UG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
Trichloroethene	GEO-01D	8/22/2000	41000	UG/KG			Y	Y	16.1-16.2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000

Notes:
UG/KG = Micrograms per Kilogram
MG/KG - Miligrams per Kilogram
FS = Field Sample
Dup = Duplicate Sample
J = Estimated Value
B = Analyte Detected in Blank

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	AOC103C-TW-1	BW-01	BW-01	BW-02	BW-02	BW-03	BW-03	BW-04	BW-04	BW-05	BW-05	MW-27	MW-27
				Sample Date	06/19/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	10/24/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
1,1,1,2-Tetrachloroethane	UG/L	-	-	1													<1U
1,1,1-Trichloroethane	UG/L	-	200	-													<0.8U
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-													<1U
1,1,2-Trichloroethane	UG/L	-	-	0.6													<0.8U
1,1-Dichloroethane	UG/L	-	6	-													<1U
1,1-Dichloroethene	UG/L	-	7	-													<0.8U
1,2,3-Trichloropropane	UG/L	-	0.005	-													<1U
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2													<0.5U
1,2,4-Trichlorobenzene	UG/L	-	70	-													<0.5U
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-													<2U
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-													<1U
1,2-Dichlorobenzene	UG/L	-	20	-													<0.5U
1,2-Dichloroethane	UG/L	-	0.4	-													<1U
1,2-Dichloropropane	UG/L	-	0.6	-													<1U
1,2-Diphenylhydrazine	UG/L	0.067	-	-													<0.5U
1,3,5-Trinitrobenzene	UG/L	460	-	-													<5U
1,3-Dichlorobenzene	UG/L	-	200	-													<0.5U
1,3-Dinitrobenzene	UG/L	1.5	-	-													<2U
1,4-Dichlorobenzene	UG/L	-	6	-													<0.5U
1,4-Dioxane	UG/L	-	3	-													[25]
1,4-Naphthoquinone	UG/L	-	-	-													<11U
1-Naphthylamine	UG/L	-	-	-													<5U
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-													<0.5U
2,4,5-Trichlorophenol	UG/L	-	-	63													<0.5U
2,4,6-Trichlorophenol	UG/L	-	-	4													<0.5U
2,4-Dichlorophenol	UG/L	-	-	0.98													<0.5U
2,4-Dimethylphenol	UG/L	-	100	-													<0.5U
2,4-Dinitrophenol	UG/L	30	-	-													<11U
2,4-Dinitrotoluene	UG/L	-	-	0.1													<1U
2,6-Dichlorophenol	UG/L	-	-	-													<0.5U
2,6-Dinitrotoluene	UG/L	0.042	-	-													<0.5U
2-Acetylaminofluorene	UG/L	0.013	-	-													<2U
2-Chloronaphthalene	UG/L	550	-	-													<0.4U
2-Chlorophenol	UG/L	-	0.4	-													<0.5U
2-Hexanone	UG/L	-	-	40													<3U
2-Methylnaphthalene	UG/L	-	30	-													<0.58U
2-Methylphenol (O-Cresol)	UG/L	-	-	400													<0.5U
2-Naphthylamine	UG/L	0.033	-	-													<5U
2-Nitroaniline	UG/L	150	-	-													<0.5U
2-Nitrophenol	UG/L	-	-	-													<0.5U
2-Picoline	UG/L	-	-	-													<2U
3,3'-Dichlorobenzidine	UG/L	0.11	-	-													<2U
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-													<26U
3-Methylcholanthrene	UG/L	0.00098	-	-													<0.5U
3-Nitroaniline	UG/L	-	-	-													<0.5U
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-													<5U
4-Aminobiphenyl	UG/L	0.0026	-	-													<0.5U
4-Bromophenyl Phenyl Ether	UG/L	-	-	-													<0.5U
4-Chloro-3-Methylphenol	UG/L	1100	-	-													<0.5U
4-Chloroaniline	UG/L	0.32	-	-													[0.6J]
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-													<0.5U
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-													<0.5U
4-Methylphenol (P-Cresol)	UG/L	-	40	-													<0.5U
4-Nitroaniline	UG/L	3.3	-	-													<0.5U
4-Nitrophenol	UG/L	-	-	-													<11U
4-Nitroquinoline-N-Oxide	UG/L	-	-	-													<21U
5-Nitro-Ortho-Toluidine	UG/L	7	-	-													<0.5U
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-													<0.5U
Acenaphthene	UG/L	-	80	-													0.5J
Acenaphthylene	UG/L	-	200	-													<0.68U
Acetaldehyde	UG/L	2.2	-	-													<50U
Acetone	MG/L	-	6	-													<0.006U
Acetonitrile	UG/L	130	-	-													<25U
Acetophenone	UG/L	-	-	700													<0.5U
Acrolein	UG/L	-	-	4													<1.6UJ
Acrylonitrile	UG/L	0.045	-	-													<1.9U
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-													

Notes:
UG/L= Micrograms per Liter
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IMAC = Interim Maximum Contaminant Level
J = Estimated Value
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	AOC103C-TW-1	BW-01	BW-01	BW-02	BW-02	BW-03	BW-03	BW-04	BW-04	BW-05	BW-05	MW-27	MW-27
				Sample Date	06/19/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	10/24/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Alkalinity, Total	MG CACO3/L	-	-	-													
Allyl Chloride	UG/L	0.63	-	-													<1U
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-													<5U
Aniline	UG/L	12	-	-													<0.5U
Anthracene	MG/L	-	2	-													<0.00058U
Antimony	UG/L	-	-	1													<5.3U
Aramite	UG/L	1.1	-	-													<5U
Arsenic	UG/L	-	10	-													[11]
Barium	UG/L	-	700	-													1.5J
Benzene	UG/L	-	1	-													<2.00U
Benzo(A)Anthracene	UG/L	-	0.05	-													<0.68U
Benzo(B)Fluoranthene	UG/L	-	0.05	-													<0.58U
Benzo(G,H,I)Perylene	UG/L	-	200	-													<0.58U
Benzo(K)Fluoranthene	UG/L	-	0.5	-													<0.88U
Benzo(A)Pyrene	UG/L	-	0.005	-													<0.58U
Benzyl Alcohol	UG/L	-	-	700													<5U
Beryllium	UG/L	-	-	4													<0.67U
Biphenyl	UG/L	-	400	-	[490]												<0.5U
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-													<0.5U
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-													<0.5U
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-													<0.5U
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-													<2U
Bromodichloromethane	UG/L	-	0.6	-													<1U
Bromoform	UG/L	-	4	-													<1U
Butyl Benzyl Phthalate	MG/L	-	1	-													<0.002U
C11 to C22 Aromatics	UG/L	-	-	-													<39U
C19 to C36 Aliphatics	UG/L	-	-	-													<49U
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-													<50.0U
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-													<50.0U
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-													<20.0U
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-													<50.0U
C9 to C18 Aliphatics	UG/L	-	700	-													<29U
Cadmium	UG/L	-	2	-													1.3J
Carbon Disulfide	UG/L	-	700	-													<1U
Carbon Tetrachloride	UG/L	-	0.3	-													<1U
Chemical Oxygen Demand (COD)	MG/L	-	-	-													
Chloride	MG/L	-	250	-													
Chlorobenzene	UG/L	-	50	-													<0.8U
Chlorobenzilate	UG/L	0.27	-	-													<3U
Chlorodibromomethane	UG/L	-	0.4	-													<1U
Chloroform	UG/L	-	70	-													<0.8U
Chloroprene	UG/L	0.016	-	-													<1U
Chromium	UG/L	-	10	-													<1.6U
Chrysene	UG/L	-	5	-													<0.49U
cis-1,2 Dichloroethene	UG/L	-	70	-		[260]	[470]	65	64	23	16	[170]	[150]	<0.8U	<0.5U	<0.8U	<0.8U
cis-1,3-Dichloropropene	UG/L	-	-	-													<1U
Cobalt	UG/L	-	-	1													<1.3U
Copper	MG/L	-	1	-													<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-													<2U
Diallate	UG/L	0.46	-	-													<1U
Dibenz(A,H)Anthracene	UG/L	-	0.005	-													<0.49U
Dibenzofuran	UG/L	-	-	28													<0.5U
Dichlorodifluoromethane	MG/L	-	1	-													<0.002U
Diethyl Phthalate	MG/L	-	6	-													<0.002U
Diethylene Glycol	UG/L	-	-	-													<8000U
Dimethoate	UG/L	3.1	-	-													<3U
Dimethyl Phthalate	UG/L	-	-	-													<2U
Dimethyl Terephthalate	UG/L	1400	-	-													
Diphenyl Ether	UG/L	-	-	100	[2200]												3
Ethyl Chloride	UG/L	-	3000	-													<1U
Ethyl Methacrylate	UG/L	420	-	-													<1U
Ethyl Methanesulfonate	UG/L	-	-	-													<0.5U
Ethylbenzene	UG/L	-	600	-													<2.00U
Ethylene Glycol	MG/L	-	10	-													<8U
Fluoranthene	UG/L	-	300	-													0.1J
Fluorene	UG/L	-	300	-													0.4J
Fluoride	MG/L	-	2	-													

Notes:
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Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	AOC103C-TW-1	BW-01	BW-01	BW-02	BW-02	BW-03	BW-03	BW-04	BW-04	BW-05	BW-05	MW-27	MW-27
				Sample Date	06/19/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	10/24/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Hexachlorobenzene	UG/L	-	0.02	-													<0.1U
Hexachlorobutadiene	UG/L	-	0.4	-													<0.5U
Hexachlorocyclopentadiene	UG/L	22	-	-													<5U
Hexachloroethane	UG/L	0.79	-	-													<1U
Hexachloropropylene	UG/L	-	-	-													<2U
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-													<0.58U
Iodomethane	UG/L	-	-	-													<1U
Iron	UG/L	-	300	-													
Isobutyl Alcohol	UG/L	4600	-	-													<100U
Isodrin	UG/L	-	-	-													<0.5U
Isophorone	UG/L	-	40	-													<0.5U
Isosafrole	UG/L	-	-	-													<2U
Lead	UG/L	-	15	-													<0.085U
Manganese	UG/L	-	50	-													
Mercury	UG/L	-	1	-													<0.06U
Meta- And Para-Xylene	UG/L	-	-	-													<5.00U
Methacrylonitrile	UG/L	1.5	-	-													<10U
Methanol	MG/L	-	4	-													
Methapyrilene	UG/L	-	-	-													<16U
Methyl Bromide	UG/L	7	-	10													<1U
Methyl Chloride	UG/L	-	3	-													<1U
Methyl Ethyl Ketone	MG/L	-	4	-													<0.003U
Methyl Isobutyl Ketone	UG/L	-	-	100													<3U
Methyl Methacrylate	UG/L	-	-	25													<1U
Methyl Methanesulfonate	UG/L	0.68	-	-													<1U
Methyl Tertiary Butyl Ether	UG/L	-	20	-													<2.00U
Methylene Bromide	UG/L	-	-	70													<1U
Methylene Chloride	UG/L	-	5	-													<2U
N-Dioctyl Phthalate	UG/L	-	100	-													<2U
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-													<2U
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-													<2U
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-													<0.5U
N-Nitrosodiethylamine	UG/L	0.00014	-	-													<0.5U
N-Nitrosodimethylamine	UG/L	-	0.0007	-													<2U
N-Nitrosodiphenylamine	UG/L	10	-	-													<0.5U
N-Nitrosomorpholine	UG/L	0.01	-	-													<2U
N-Nitrosopiperidine	UG/L	0.0071	-	-													<0.5U
N-Nitrosopyrrolidine	UG/L	0.032	-	-													<0.5U
Naphthalene	UG/L	-	6	-													<3.00U
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-													<50.0U
Nickel	UG/L	-	100	-													<1.5U
Nitrate	MG/L	-	10	-													
Nitrobenzene	UG/L	0.12	-	-													<0.5U
O,O,O-Triethylphosphorothioate	UG/L	-	-	-													<2U
O-Toluidine	UG/L	-	-	-													<0.5U
Ortho-Xylene	UG/L	190	-	-													<2.00U
para-Phenylenediamine	UG/L	3000	-	-													<79U
Pentachlorobenzene	UG/L	2.3	-	-													<0.5U
Pentachloroethane	UG/L	0.56	-	-													<1U
Pentachloronitrobenzene	UG/L	0.1	-	-													<2U
Pentachlorophenol	UG/L	-	0.3	-													<1U
Ph	STD UNITS	-	-	-													
Phenacetin	UG/L	30	-	-													<0.5U
Phenanthrene	UG/L	-	200	-													<0.58U
Phenol	UG/L	-	30	-													<0.5U
Pronamide	UG/L	900	-	-													<0.5U
Propionitrile	UG/L	-	-	-													<30U
Propylene Glycol	UG/L	-	-	140000													<8000U
Pyrene	UG/L	-	200	-													<3.9U
Pyridine	UG/L	15	-	-													<2U
Safrole	UG/L	0.083	-	-													<2U
Selenium	UG/L	-	20	-													<0.5U
Silver	UG/L	-	20	-													<2.1U
Styrene	UG/L	-	70	-													<1U
Sulfate	MG/L	-	250	-													
Terephthalic Acid	UG/L	15000	-	-													<100U
Tetrachloroethene	UG/L	-	0.7	-													<0.8U

Notes:
UG/L= Micrograms per Liter
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	AOC103C-TW-1	BW-01	BW-01	BW-02	BW-02	BW-03	BW-03	BW-04	BW-04	BW-05	BW-05	MW-27	MW-27
				Sample Date	06/19/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	05/12/2014	05/08/2013	10/24/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-													<1U
Thallium	UG/L	-	-	0.2													<0.15U
Thionazin	UG/L	-	-	-													<2U
Tin	UG/L	-	-	2000													<2.9U
Toluene	UG/L	-	600	-													<2.00U
Total Dissolved Solids	MG/L	-	500	-													
Total Organic Carbon	MG/L	-	-	-													
Total Organic Halogen	UG/L	-	-	-													
Total Suspended Solids	MG/L	-	-	-													
trans-1,2-Dichloroethene	UG/L	-	100	-													<0.8U
trans-1,3-Dichloropropene	UG/L	-	-	-													<1U
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-													<15U
Trichloroethene	UG/L	-	3	-		[790]	[1600]	[350]	[450]	[76]	[48]	[1500]	[1200]	<1U	3	<1U	<1U
Trichlorofluoromethane	MG/L	-	2	-													<0.002U
Triethylene Glycol	UG/L	-	-	-													<8000U
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-													<39U
Vanadium	UG/L	-	-	0.3													<2U
Vinyl Acetate	UG/L	-	-	88													<2U
Vinyl Chloride	UG/L	-	0.03	-		[0.45]	[3.0]	[0.35]	[0.19]	<0.010U	0.011B	[0.53]	[0.35]	<0.050U	[0.049B]	<0.010U	<0.010U
Xylenes	UG/L	-	500	-													<0.8U
Zinc	MG/L	-	1	-													0.0042J

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Table 4
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DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-27	MW-28	MW-28	MW-28	MW-29	MW-29	MW-30A	MW-30A	MW-30A	MW-31	MW-34	MW-35	MW-35
				Sample Date	05/14/2014	05/08/2013	11/05/2013	05/14/2014	05/08/2013	05/14/2014	05/08/2013	11/04/2013	05/13/2014	10/24/2013	11/12/2013	05/09/2013	05/13/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
1,1,1,2-Tetrachloroethane	UG/L	-	-	1			<1U					<1U		<1U	<1U		
1,1,1-Trichloroethane	UG/L	-	200	-			<0.8U					<0.8U		<0.8U	<0.8U		
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-			<1U					<1U		<1U	<1U		
1,1,2-Trichloroethane	UG/L	-	-	0.6			<0.8U					<0.8U		<0.8U	<0.8U		
1,1-Dichloroethane	UG/L	-	6	-			<1U					<1U		<1U	<1U		
1,1-Dichloroethene	UG/L	-	7	-			<0.8U					3J		<0.8U	<0.8U		
1,2,3-Trichloropropane	UG/L	-	0.005	-			<1U					<1U		<1U	<1U		
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2			<0.5U					<0.5U		<0.6U	<0.5U		
1,2,4-Trichlorobenzene	UG/L	-	70	-			<0.5U					<0.5U		<0.6U	<0.5U		
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-			<2U					<2U		<2U	<2U		
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-			<1U					<1U		<1U	<1U		
1,2-Dichlorobenzene	UG/L	-	20	-			<0.5U					<0.5U		<0.6U	<0.5U		
1,2-Dichloroethane	UG/L	-	0.4	-			<1U					<1U		<1U	<1U		
1,2-Dichloropropane	UG/L	-	0.6	-			<1U					<1U		<1U	<1U		
1,2-Diphenylhydrazine	UG/L	0.067	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
1,3,5-Trinitrobenzene	UG/L	460	-	-			<5U					<5U		<6U	<5UJ		
1,3-Dichlorobenzene	UG/L	-	200	-			<0.5U					<0.5U		<0.6U	<0.5U		
1,3-Dinitrobenzene	UG/L	1.5	-	-			<2U					<2U		<2U	<2U		
1,4-Dichlorobenzene	UG/L	-	6	-			<0.5U					<0.5U		<0.6U	<0.5U		
1,4-Dioxane	UG/L	-	3	-			[160]					<1U		<1U	<1U		
1,4-Naphthoquinone	UG/L	-	-	-			<11R					<11R		<11U	<11R		
1-Naphthylamine	UG/L	-	-	-			<5U					<5U		<6U	<5U		
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-			<0.5U					<0.5U		<0.6U	<0.5U		
2,4,5-Trichlorophenol	UG/L	-	-	63			<0.5U					<0.5U		<0.6U	<0.5U		
2,4,6-Trichlorophenol	UG/L	-	-	4			<0.5U					<0.5U		<0.6U	<0.5U		
2,4-Dichlorophenol	UG/L	-	-	0.98			<0.5U					<0.5U		<0.6U	<0.5U		
2,4-Dimethylphenol	UG/L	-	100	-			<0.5U					<0.5U		<0.6U	<0.5U		
2,4-Dinitrophenol	UG/L	30	-	-			<11U					<11U		<11U	<11U		
2,4-Dinitrotoluene	UG/L	-	-	0.1			<1U					<1U		<1U	<1U		
2,6-Dichlorophenol	UG/L	-	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
2,6-Dinitrotoluene	UG/L	0.042	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
2-Acetylaminofluorene	UG/L	0.013	-	-			<2U					<2U		<2U	<2U		
2-Chloronaphthalene	UG/L	550	-	-			<0.4U					<0.4U		<0.4U	<0.4U		
2-Chlorophenol	UG/L	-	0.4	-			<0.5U					<0.5U		<0.6U	<0.5U		
2-Hexanone	UG/L	-	-	40			<3U					<3U		<3U	<3U		
2-Methylnaphthalene	UG/L	-	30	-			<0.61U					<0.60U		<0.60U	<0.56U		
2-Methylphenol (O-Cresol)	UG/L	-	-	400			<0.5U					<0.5U		<0.6U	<0.5U		
2-Naphthylamine	UG/L	0.033	-	-			<5U					<5U		<6U	<5U		
2-Nitroaniline	UG/L	150	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
2-Nitrophenol	UG/L	-	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
2-Picoline	UG/L	-	-	-			<2U					<2U		<2U	<2U		
3,3'-Dichlorobenzidine	UG/L	0.11	-	-			<2U					<2U		<2U	<2U		
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-			<27U					<27U		<28U	<27U		
3-Methylcholanthrene	UG/L	0.00098	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
3-Nitroaniline	UG/L	-	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-			<5U					<5U		<6U	<5U		
4-Aminobiphenyl	UG/L	0.0026	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
4-Bromophenyl Phenyl Ether	UG/L	-	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
4-Chloro-3-Methylphenol	UG/L	1100	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
4-Chloroaniline	UG/L	0.32	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
4-Methylphenol (P-Cresol)	UG/L	-	40	-			<0.5U					<0.5U		<0.6U	<0.5U		
4-Nitroaniline	UG/L	3.3	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
4-Nitrophenol	UG/L	-	-	-			<11U					<11U		<11U	<11U		
4-Nitroquinoline-N-Oxide	UG/L	-	-	-			<22U					<21U		<22U	<21U		
5-Nitro-Ortho-Toluidine	UG/L	7	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Acenaphthene	UG/L	-	80	-			<0.61U					<0.60U		<0.60U	<0.56U		
Acenaphthylene	UG/L	-	200	-			<0.71U					<0.70U		<0.70U	<0.66U		
Acetaldehyde	UG/L	2.2	-	-			<50UJ					<50UJ		<50U	<50U		
Acetone	MG/L	-	6	-			<0.006U					<0.006U		<0.006U	<0.006U		
Acetonitrile	UG/L	130	-	-			<25U					<25U		<25U	<25U		
Acetophenone	UG/L	-	-	700			<0.5U					<0.5U		<0.6U	<0.5U		
Acrolein	UG/L	-	-	4			<1.6UJ					<1.6UJ		<1.6UJ	<1.6UJ		
Acrylonitrile	UG/L	0.045	-	-			<1.9U					<1.9U		<1.9U	<1.9U		
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-													

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-27	MW-28	MW-28	MW-28	MW-29	MW-29	MW-30A	MW-30A	MW-30A	MW-31	MW-34	MW-35	MW-35
				Sample Date	05/14/2014	05/08/2013	11/05/2013	05/14/2014	05/08/2013	05/14/2014	05/08/2013	11/04/2013	05/13/2014	10/24/2013	11/12/2013	05/09/2013	05/13/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Alkalinity, Total	MG CACO3/L	-	-	-													
Allyl Chloride	UG/L	0.63	-	-			<1U					<1U		<1U	<1U		
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-			<5U					<5U		<6U	<5U		
Aniline	UG/L	12	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Anthracene	MG/L	-	2	-			<0.00061U					<0.0006U		<0.0006U	<0.00056U		
Antimony	UG/L	-	-	1			<5.3U					<5.3U		[17.7J]	<5.3U		
Aramite	UG/L	1.1	-	-			<5U					<5U		<6U	<5U		
Arsenic	UG/L	-	10	-			0.83J					4.8		[17.8]	<0.42U		
Barium	UG/L	-	700	-			31.6					12.2		4.5J	68.1		
Benzene	UG/L	-	1	-			<2.00U					<2.00U		<2.00U	<2.00U		
Benzo(A)Anthracene	UG/L	-	0.05	-			<0.71U					<0.70U		<0.70U	<0.66U		
Benzo(B)Fluoranthene	UG/L	-	0.05	-			<0.61U					<0.60U		<0.60U	<0.56U		
Benzo(G,H,I)Perylene	UG/L	-	200	-			<0.61U					<0.60U		<0.60U	<0.56U		
Benzo(K)Fluoranthene	UG/L	-	0.5	-			<0.92U					<0.90U		<0.89U	<0.85U		
Benzo(A)Pyrene	UG/L	-	0.005	-			<0.61U					<0.60U		<0.60U	<0.56U		
Benzyl Alcohol	UG/L	-	-	700			<5U					<5U		<6U	<5U		
Beryllium	UG/L	-	-	4			<0.67U					[16.2]		<0.67U	<0.67U		
Biphenyl	UG/L	-	400	-			<0.5U					<0.5U		<0.6U	<0.5U		
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-			<0.5U					<0.5U		<0.6U	<0.5U		
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-			<0.5UJ					<0.5UJ		<0.6U	<0.5U		
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-			<2U					<2U		<2U	<2U		
Bromodichloromethane	UG/L	-	0.6	-			<1U					<1U		<1U	<1U		
Bromoform	UG/L	-	4	-			<1U					<1U		<1U	<1U		
Butyl Benzyl Phthalate	MG/L	-	1	-			<0.002U					<0.002U		<0.002U	<0.002U		
C11 to C22 Aromatics	UG/L	-	-	-			<41U					<40U		120	<38U		
C19 to C36 Aliphatics	UG/L	-	-	-			<51U					<50U		<50U	<47U		
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-			<50.0U					<50.0U		<50.0U	<50.0U		
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-			<50.0U					<50.0U		<50.0U	<50.0U		
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-			<20.0U					<20.0U		<20.0U	<20.0U		
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-			<50.0U					<50.0U		<50.0U	<50.0U		
C9 to C18 Aliphatics	UG/L	-	700	-			<31U					<30U		<30U	<28U		
Cadmium	UG/L	-	2	-			0.96J					<0.76U		<0.76U	<0.76U		
Carbon Disulfide	UG/L	-	700	-			<1U					<1U		<1U	<1U		
Carbon Tetrachloride	UG/L	-	0.3	-			<1U					<1U		<1U	<1U		
Chemical Oxygen Demand (COD)	MG/L	-	-	-													
Chloride	MG/L	-	250	-													
Chlorobenzene	UG/L	-	50	-			<0.8U					<0.8U		<0.8U	<0.8U		
Chlorobenzilate	UG/L	0.27	-	-			<3U					<3U		<3U	<3U		
Chlorodibromomethane	UG/L	-	0.4	-			<1U					<1U		<1U	<1U		
Chloroform	UG/L	-	70	-			<0.8U					<0.8U		<0.8U	<0.8U		
Chloroprene	UG/L	0.016	-	-			<1U					<1U		<1U	<1U		
Chromium	UG/L	-	10	-			<1.6U					[12.5J]		[14.6J]	<1.6U		
Chrysene	UG/L	-	5	-			<0.51U					<0.50U		<0.50U	<0.47U		
cis-1,2 Dichloroethene	UG/L	-	70	-	<0.5U	<0.8U	<0.8U	<0.5U	<0.8U	1	56	[100]	21	<0.8U	<0.8U	<0.8U	<0.5U
cis-1,3-Dichloropropene	UG/L	-	-	-			<1U					<1U		<1U	<1U		
Cobalt	UG/L	-	-	1			<1.3U					[372]		[1.4J]	[2.5J]		
Copper	MG/L	-	1	-			0.0134J					0.0395		0.0539	<0.0027U		
Di-N-Butyl Phthalate	UG/L	-	700	-			<2U					<2U		<2U	<2U		
Diallate	UG/L	0.46	-	-			<1U					<1U		<1U	<1U		
Dibenz(A,H)Anthracene	UG/L	-	0.005	-			<0.51U					<0.50U		<0.50U	<0.47U		
Dibenzofuran	UG/L	-	-	28			<0.5U					<0.5U		<0.6U	<0.5U		
Dichlorodifluoromethane	MG/L	-	1	-			<0.002U					<0.002U		<0.002U	<0.002U		
Diethyl Phthalate	MG/L	-	6	-			<0.002U					<0.002U		<0.002U	<0.002U		
Diethylene Glycol	UG/L	-	-	-			<8000U					<8000U		<8000U	<8000U		
Dimethoate	UG/L	3.1	-	-			<3U					<3U		<3U	<3U		
Dimethyl Phthalate	UG/L	-	-	-			<2U					<2U		<2U	<2U		
Dimethyl Terephthalate	UG/L	1400	-	-													
Diphenyl Ether	UG/L	-	-	100			1					<0.5U		<0.6U	<0.5U		
Ethyl Chloride	UG/L	-	3000	-			<1U					<1U		<1U	<1U		
Ethyl Methacrylate	UG/L	420	-	-			<1U					<1U		<1U	<1U		
Ethyl Methanesulfonate	UG/L	-	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Ethylbenzene	UG/L	-	600	-			<2.00U					<2.00U		<2.00U	<2.00U		
Ethylene Glycol	MG/L	-	10	-			<8U					<8U		<8U	<8U		
Fluoranthene	UG/L	-	300	-			<0.51U					<0.50U		<0.50U	<0.47U		
Fluorene	UG/L	-	300	-			<0.61U					<0.60U		<0.60U	<0.56U		
Fluoride	MG/L	-	2	-													

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Table 4
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Kinston, North Carolina

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				Sample Date	05/14/2014	05/08/2013	11/05/2013	05/14/2014	05/08/2013	05/14/2014	05/08/2013	11/04/2013	05/13/2014	10/24/2013	11/12/2013	05/09/2013	05/13/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Hexachlorobenzene	UG/L	-	0.02	-			<0.1U					<0.1U		<0.1U	<0.1U		
Hexachlorobutadiene	UG/L	-	0.4	-			<0.5U					<0.5U		<0.6U	<0.5U		
Hexachlorocyclopentadiene	UG/L	22	-	-			<5U					<5U		<6U	<5U		
Hexachloroethane	UG/L	0.79	-	-			<1U					<1U		<1U	<1U		
Hexachloropropylene	UG/L	-	-	-			<2U					<2U		<2U	<2U		
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-			<0.61U					<0.60U		<0.60U	<0.56U		
Iodomethane	UG/L	-	-	-			<1U					<1U		<1U	<1U		
Iron	UG/L	-	300	-													
Isobutyl Alcohol	UG/L	4600	-	-			<100U					<100U		<100U	<100U		
Isodrin	UG/L	-	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Isophorone	UG/L	-	40	-			<0.5U					<0.5U		<0.6U	<0.5U		
Isosafrole	UG/L	-	-	-			<2U					<2U		<2U	<2U		
Lead	UG/L	-	15	-			0.62J					0.99J		1.1J	<0.085U		
Manganese	UG/L	-	50	-													
Mercury	UG/L	-	1	-			<0.06U					<0.06U		0.061J	<0.06U		
Meta- And Para-Xylene	UG/L	-	-	-			<5.00U					<5.00U		<5.00U	<5.00U		
Methacrylonitrile	UG/L	1.5	-	-			<10U					<10U		<10U	<10U		
Methanol	MG/L	-	4	-													
Methapyrilene	UG/L	-	-	-			<16U					<16U		<17U	<16U		
Methyl Bromide	UG/L	7	-	10			<1U					<1U		<1U	<1U		
Methyl Chloride	UG/L	-	3	-			<1U					<1U		<1U	<1U		
Methyl Ethyl Ketone	MG/L	-	4	-			<0.003U					<0.003U		<0.003U	<0.003U		
Methyl Isobutyl Ketone	UG/L	-	-	100			<3U					<3U		<3U	<3U		
Methyl Methacrylate	UG/L	-	-	25			<1U					<1U		<1U	<1U		
Methyl Methanesulfonate	UG/L	0.68	-	-			<1U					<1U		<1U	<1U		
Methyl Tertiary Butyl Ether	UG/L	-	20	-			<2.00U					<2.00U		<2.00U	<2.00U		
Methylene Bromide	UG/L	-	-	70			<1U					<1U		<1U	<1U		
Methylene Chloride	UG/L	-	5	-			<2U					<2U		<2U	<2U		
N-Dioctyl Phthalate	UG/L	-	100	-			<2U					<2U		<2U	<2U		
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-			<2U					<2U		<2U	<2U		
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-			<2U					<2U		<2U	<2U		
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
N-Nitrosodiethylamine	UG/L	0.00014	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
N-Nitrosodimethylamine	UG/L	-	0.0007	-			<2U					<2U		<2U	<2U		
N-Nitrosodiphenylamine	UG/L	10	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
N-Nitrosomorpholine	UG/L	0.01	-	-			<2UJ					<2UJ		<2U	<2U		
N-Nitrosopiperidine	UG/L	0.0071	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
N-Nitrosopyrrolidine	UG/L	0.032	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Naphthalene	UG/L	-	6	-			<3.00U					<3.00U		<3.00U	<3.00U		
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-			<50.0U					<50.0U		<50.0U	<50.0U		
Nickel	UG/L	-	100	-			1.9J					[529]		3.5J	4.5J		
Nitrate	MG/L	-	10	-													
Nitrobenzene	UG/L	0.12	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
O,O,O-Triethylphosphorothioate	UG/L	-	-	-			<2U					<2U		<2U	<2U		
O-Toluidine	UG/L	-	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Ortho-Xylene	UG/L	190	-	-			<2.00U					<2.00U		<2.00U	<2.00U		
para-Phenylenediamine	UG/L	3000	-	-			<82U					<80U		<84U	<80U		
Pentachlorobenzene	UG/L	2.3	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Pentachloroethane	UG/L	0.56	-	-			<1U					<1U		<1U	<1U		
Pentachloronitrobenzene	UG/L	0.1	-	-			<2U					<2U		<2U	<2U		
Pentachlorophenol	UG/L	-	0.3	-			<1U					<1U		<1U	<1U		
Ph	STD UNITS	-	-	-													
Phenacetin	UG/L	30	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Phenanthrene	UG/L	-	200	-			<0.61U					<0.60U		<0.60U	<0.56U		
Phenol	UG/L	-	30	-			<0.5U					<0.5U		0.7J	<0.5U		
Pronamide	UG/L	900	-	-			<0.5U					<0.5U		<0.6U	<0.5U		
Propionitrile	UG/L	-	-	-			<30U					<30U		<30U	<30U		
Propylene Glycol	UG/L	-	-	140000			<8000U					<8000U		<8000U	<8000U		
Pyrene	UG/L	-	200	-			<4.4U					<4.0U		<4.0U	<3.8U		
Pyridine	UG/L	15	-	-			<2U					<2U		<2U	<2U		
Safrole	UG/L	0.083	-	-			<2U					<2U		<2U	<2U		
Selenium	UG/L	-	20	-			<0.5U					2J		7.7	<0.5U		
Silver	UG/L	-	20	-			<2.1U					<2.1U		<2.1U	<2.1U		
Styrene	UG/L	-	70	-			<1U					<1U		<1U	<1U		
Sulfate	MG/L	-	250	-													
Terephthalic Acid	UG/L	15000	-	-			<100U					<99U		<100UJ	<100U		
Tetrachloroethene	UG/L	-	0.7	-			<0.8U					<0.8U		<0.8U	<0.8U		

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				Sample Date	05/14/2014	05/08/2013	11/05/2013	05/14/2014	05/08/2013	05/14/2014	05/08/2013	11/04/2013	05/13/2014	10/24/2013	11/12/2013	05/09/2013	05/13/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-			<1U					<1U		<1U	<1U		
Thallium	UG/L	-	-	0.2			<0.15U					[0.21J]		<0.15U	<0.15U		
Thionazin	UG/L	-	-	-			<2U					<2U		<2U	<2U		
Tin	UG/L	-	-	2000			<2.9U					4J		<2.9U	<2.9U		
Toluene	UG/L	-	600	-			<2.00U					<2.00U		<2.00U	<2.00U		
Total Dissolved Solids	MG/L	-	500	-													
Total Organic Carbon	MG/L	-	-	-													
Total Organic Halogen	UG/L	-	-	-													
Total Suspended Solids	MG/L	-	-	-													
trans-1,2-Dichloroethene	UG/L	-	100	-			<0.8U					<0.8U		<0.8U	<0.8U		
trans-1,3-Dichloropropene	UG/L	-	-	-			<1U					<1U		<1U	<1U		
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-			<15U					<15U		<15U	<15U		
Trichloroethene	UG/L	-	3	-	<0.5U	<1U	<1U	0.5J	3J	[6]	[1200]	[2100]	[610J]	<1U	<1U	[5J]	[4]
Trichlorofluoromethane	MG/L	-	2	-			<0.002U					<0.002U		<0.002U	<0.002U		
Triethylene Glycol	UG/L	-	-	-			<8000U					<8000U		<8000U	<8000U		
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-			<41U					<40U		120	<38U		
Vanadium	UG/L	-	-	0.3			<2U					[28.2]		[116]	<2U		
Vinyl Acetate	UG/L	-	-	88			<2U					<2U		<2U	<2U		
Vinyl Chloride	UG/L	-	0.03	-	<0.010U	<0.010U	<0.010U	<0.010U	<0.010U	0.029J	[2.6]	[4.3]	[2.5]	<0.010U	<0.010U	<0.010U	0.011J
Xylenes	UG/L	-	500	-			<0.8U					<0.8U		<0.8U	<0.8U		
Zinc	MG/L	-	1	-			0.0123J					[1.57]		0.0574	0.0088J		

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-36	MW-36	MW-36	MW-36	MW-37	MW-37	MW-38	MW-38	MW-40	MW-41	MW-42	MW-43	MW-43
				Sample Date	05/09/2013	11/12/2013	05/13/2014	05/13/2014	05/09/2013	05/13/2014	05/09/2013	05/14/2014	12/20/2013	11/07/2013	11/07/2013	05/09/2013	05/13/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
1,1,1,2-Tetrachloroethane	UG/L	-	-	1		<1U							<1U	<1U	<1U		
1,1,1-Trichloroethane	UG/L	-	200	-		<0.8U							<0.8U	<0.8U	<0.8U		
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-		<1U							<1U	<1U	<1U		
1,1,2-Trichloroethane	UG/L	-	-	0.6		<0.8U							<0.8U	<0.8U	<0.8U		
1,1-Dichloroethane	UG/L	-	6	-		<1U							<1U	<1U	<1U		
1,1-Dichloroethene	UG/L	-	7	-		<0.8U							<0.8U	<0.8U	<0.8U		
1,2,3-Trichloropropane	UG/L	-	0.005	-		<1U							<1U	<1U	<1U		
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2		<0.5U							<0.5U	<0.5U	<0.5U		
1,2,4-Trichlorobenzene	UG/L	-	70	-		<0.5U							<0.5U	<0.5U	<0.5U		
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-		<2U							<2U	<2U	<2U		
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-		<1U							<1U	<1U	<1U		
1,2-Dichlorobenzene	UG/L	-	20	-		<0.5U							<0.5U	<0.5U	<0.5U		
1,2-Dichloroethane	UG/L	-	0.4	-		<1U							<1U	<1U	<1U		
1,2-Dichloropropane	UG/L	-	0.6	-		<1U							<1U	<1U	<1U		
1,2-Diphenylhydrazine	UG/L	0.067	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
1,3,5-Trinitrobenzene	UG/L	460	-	-		<5UJ							<5U	<5U	<5U		
1,3-Dichlorobenzene	UG/L	-	200	-		<0.5U							<0.5U	<0.5U	<0.5U		
1,3-Dinitrobenzene	UG/L	1.5	-	-		<2U							<2U	<2U	<2U		
1,4-Dichlorobenzene	UG/L	-	6	-		<0.5U							<0.5U	<0.5U	<0.5U		
1,4-Dioxane	UG/L	-	3	-		<1U							<1U	<1U	<1U		
1,4-Naphthoquinone	UG/L	-	-	-		<11R							<10R	<11R	<11R		
1-Naphthylamine	UG/L	-	-	-		<5U							<5U	<5U	<5U		
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-		<0.5U							<0.5U	<0.5U	<0.5U		
2,4,5-Trichlorophenol	UG/L	-	-	63		<0.5U							<0.5U	<0.5U	<0.5U		
2,4,6-Trichlorophenol	UG/L	-	-	4		<0.5U							<0.5U	<0.5U	<0.5U		
2,4-Dichlorophenol	UG/L	-	-	0.98		<0.5U							<0.5U	<0.5U	<0.5U		
2,4-Dimethylphenol	UG/L	-	100	-		<0.5U							<0.5U	<0.5U	<0.5U		
2,4-Dinitrophenol	UG/L	30	-	-		<11U							<10U	<11U	<11U		
2,4-Dinitrotoluene	UG/L	-	-	0.1		<1U							<1U	<1U	<1U		
2,6-Dichlorophenol	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
2,6-Dinitrotoluene	UG/L	0.042	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
2-Acetylaminofluorene	UG/L	0.013	-	-		<2U							<2U	<2U	<2U		
2-Chloronaphthalene	UG/L	550	-	-		<0.4U							<0.4U	<0.4U	<0.4U		
2-Chlorophenol	UG/L	-	0.4	-		<0.5U							<0.5U	<0.5U	<0.5U		
2-Hexanone	UG/L	-	-	40		<3U							<3U	<3U	<3U		
2-Methylnaphthalene	UG/L	-	30	-		<0.62U							<0.62U	<0.61U	<0.60U		
2-Methylphenol (O-Cresol)	UG/L	-	-	400		<0.5U							<0.5U	<0.5U	<0.5U		
2-Naphthylamine	UG/L	0.033	-	-		<5U							<5U	<5U	<5U		
2-Nitroaniline	UG/L	150	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
2-Nitrophenol	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
2-Picoline	UG/L	-	-	-		<2U							<2U	<2U	<2U		
3,3'-Dichlorobenzidine	UG/L	0.11	-	-		<2U							<2U	<2U	<2U		
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-		<27U							<25U	<26U	<26U		
3-Methylcholanthrene	UG/L	0.00098	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
3-Nitroaniline	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-		<5U							<5U	<5U	<5U		
4-Aminobiphenyl	UG/L	0.0026	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
4-Bromophenyl Phenyl Ether	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
4-Chloro-3-Methylphenol	UG/L	1100	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
4-Chloroaniline	UG/L	0.32	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
4-Methylphenol (P-Cresol)	UG/L	-	40	-		<0.5U							<0.5U	<0.5U	<0.5U		
4-Nitroaniline	UG/L	3.3	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
4-Nitrophenol	UG/L	-	-	-		<11U							<10U	<11U	<11U		
4-Nitroquinoline-N-Oxide	UG/L	-	-	-		<22U							<20U	<21U	<21U		
5-Nitro-Ortho-Toluidine	UG/L	7	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Acenaphthene	UG/L	-	80	-		<0.62U							<0.62U	<0.61U	<0.60U		
Acenaphthylene	UG/L	-	200	-		<0.72U							<0.72U	<0.71U	<0.70U		
Acetaldehyde	UG/L	2.2	-	-		<50U							<50U	<50U	<50U		
Acetone	MG/L	-	6	-		<0.006U							<0.006U	<0.006U	<0.006U		
Acetonitrile	UG/L	130	-	-		<25U							<25U	<25U	<25U		
Acetophenone	UG/L	-	-	700		<0.5U							<0.5U	<0.5U	<0.5U		
Acrolein	UG/L	-	-	4		<1.6UJ							<1.6U	<1.6UJ	<1.6UJ		
Acrylonitrile	UG/L	0.045	-	-		<1.9U							<1.9U	<1.9U	<1.9U		
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-													

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Table 4
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				Sample Date	05/09/2013	11/12/2013	05/13/2014	05/13/2014	05/09/2013	05/13/2014	05/09/2013	05/14/2014	12/20/2013	11/07/2013	11/07/2013	05/09/2013	05/13/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Alkalinity, Total	MG CACO3/L	-	-	-													
Allyl Chloride	UG/L	0.63	-	-		<1U							<1U	<1U	<1U		
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-		<5U							<5U	<5U	<5U		
Aniline	UG/L	12	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Anthracene	MG/L	-	2	-		<0.00062U							<0.00062U	<0.00061U	<0.0006U		
Antimony	UG/L	-	-	1		<5.3U							<5.3U	<5.3U	<5.3U		
Aramite	UG/L	1.1	-	-		<5U							<5U	<5U	<5U		
Arsenic	UG/L	-	10	-		1.1J							[34.8]	<0.42U	<0.42U		
Barium	UG/L	-	700	-		8.2J							15.6	49.8	38.2		
Benzene	UG/L	-	1	-		<2.00U							<2.00U	<2.00U	<2.00U		
Benzo(A)Anthracene	UG/L	-	0.05	-		<0.72U							<0.72U	<0.71U	<0.70U		
Benzo(B)Fluoranthene	UG/L	-	0.05	-		<0.62U							<0.62U	<0.61U	<0.60U		
Benzo(G,H,I)Perylene	UG/L	-	200	-		<0.62U							<0.62U	<0.61U	<0.60U		
Benzo(K)Fluoranthene	UG/L	-	0.5	-		<0.93U							<0.93U	<0.91U	<0.90U		
Benzo(A)Pyrene	UG/L	-	0.005	-		<0.62U							<0.62U	<0.61U	<0.60U		
Benzyl Alcohol	UG/L	-	-	700		<5U							<5U	<5U	<5U		
Beryllium	UG/L	-	-	4		<0.67U							<0.67U	<0.67U	<0.67U		
Biphenyl	UG/L	-	400	-		<0.5U							<0.5U	<0.5U	<0.5U		
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-		<0.5U							<0.5U	<0.5U	<0.5U		
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-		<2U							[5J]	<2U	<2U		
Bromodichloromethane	UG/L	-	0.6	-		<1U							<1U	<1U	<1U		
Bromoform	UG/L	-	4	-		<1U							<1U	<1U	<1U		
Butyl Benzyl Phthalate	MG/L	-	1	-		<0.002U							<0.002U	<0.002U	<0.002U		
C11 to C22 Aromatics	UG/L	-	-	-		<41U							450	<40U	<40U		
C19 to C36 Aliphatics	UG/L	-	-	-		<51U							<51U	<51U	<50U		
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-		<50.0U							<50.0U	<50.0U	<50.0U		
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-		<50.0U							<50.0U	<50.0U	<50.0U		
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-		<20.0U							<20.0U	<20.0U	<20.0U		
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-		<50.0U							<50.0U	<50.0U	<50.0U		
C9 to C18 Aliphatics	UG/L	-	700	-		<31U							<31U	<30U	<30U		
Cadmium	UG/L	-	2	-		<0.76U							<0.76U	0.82J	<0.76U		
Carbon Disulfide	UG/L	-	700	-		<1U							<1U	<1U	<1U		
Carbon Tetrachloride	UG/L	-	0.3	-		<1U							<1U	<1U	<1U		
Chemical Oxygen Demand (COD)	MG/L	-	-	-													
Chloride	MG/L	-	250	-													
Chlorobenzene	UG/L	-	50	-		<0.8U							<0.8U	<0.8U	<0.8U		
Chlorobenzilate	UG/L	0.27	-	-		<3U							<3U	<3U	<3U		
Chlorodibromomethane	UG/L	-	0.4	-		<1U							<1U	<1U	<1U		
Chloroform	UG/L	-	70	-		<0.8U							<0.8U	<0.8U	<0.8U		
Chloroprene	UG/L	0.016	-	-		<1U							<1U	<1U	<1U		
Chromium	UG/L	-	10	-		<1.6U							[20.2J]	<1.6U	<1.6U		
Chrysene	UG/L	-	5	-		<0.51U							<0.51U	<0.51U	<0.50U		
cis-1,2 Dichloroethene	UG/L	-	70	-	1J	1J	1	1	0.9J	1J	<0.8U	1	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U
cis-1,3-Dichloropropene	UG/L	-	-	-		<1U							<1U	<1U	<1U		
Cobalt	UG/L	-	-	1		[2.6J]							<1.3U	<1.3U	<1.3U		
Copper	MG/L	-	1	-		<0.0027U							0.0055J	<0.0027U	<0.0027U		
Di-N-Butyl Phthalate	UG/L	-	700	-		<2U							<2U	<2U	<2U		
Diallate	UG/L	0.46	-	-		<1U							<1U	<1U	<1U		
Dibenz(A,H)Anthracene	UG/L	-	0.005	-		<0.51U							<0.51U	<0.51U	<0.50U		
Dibenzofuran	UG/L	-	-	28		<0.5U							<0.5U	<0.5U	<0.5U		
Dichlorodifluoromethane	MG/L	-	1	-		<0.002U							<0.002U	<0.002U	<0.002U		
Diethyl Phthalate	MG/L	-	6	-		<0.002U							<0.002U	<0.002U	<0.002U		
Diethylene Glycol	UG/L	-	-	-		<8000U							<8000U	<8000U	<8000U		
Dimethoate	UG/L	3.1	-	-		<3U							<3U	<3U	<3U		
Dimethyl Phthalate	UG/L	-	-	-		<2U							<2U	<2U	<2U		
Dimethyl Terephthalate	UG/L	1400	-	-													
Diphenyl Ether	UG/L	-	-	100		<0.5U							[400]	<0.5U	<0.5U		
Ethyl Chloride	UG/L	-	3000	-		<1U							<1U	<1U	<1U		
Ethyl Methacrylate	UG/L	420	-	-		<1U							<1U	<1U	<1U		
Ethyl Methanesulfonate	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Ethylbenzene	UG/L	-	600	-		<2.00U							<2.00U	<2.00U	<2.00U		
Ethylene Glycol	MG/L	-	10	-		<8U							<8U	<8U	<8U		
Fluoranthene	UG/L	-	300	-		<0.51U							<0.51U	<0.51U	<0.50U		
Fluorene	UG/L	-	300	-		<0.62U							<0.62U	<0.61U	<0.60U		
Fluoride	MG/L	-	2	-													

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				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Hexachlorobenzene	UG/L	-	0.02	-		<0.1U							<0.1U	<0.1U	<0.1U		
Hexachlorobutadiene	UG/L	-	0.4	-		<0.5U							<0.5U	<0.5U	<0.5U		
Hexachlorocyclopentadiene	UG/L	22	-	-		<5U							<5U	<5U	<5U		
Hexachloroethane	UG/L	0.79	-	-		<1U							<1U	<1U	<1U		
Hexachloropropylene	UG/L	-	-	-		<2U							<2U	<2U	<2U		
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-		<0.62U							<0.62U	<0.61U	<0.60U		
Iodomethane	UG/L	-	-	-		<1U							<1U	<1U	<1U		
Iron	UG/L	-	300	-													
Isobutyl Alcohol	UG/L	4600	-	-		<100U							<100U	<100U	<100U		
Isodrin	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Isophorone	UG/L	-	40	-		<0.5U							<0.5U	<0.5U	<0.5U		
Isosafrole	UG/L	-	-	-		<2U							<2U	<2U	<2U		
Lead	UG/L	-	15	-		<0.085U							8	<0.085U	<0.085U		
Manganese	UG/L	-	50	-													
Mercury	UG/L	-	1	-		0.093J							<0.06U	<0.06U	<0.06U		
Meta- And Para-Xylene	UG/L	-	-	-		<5.00U							<5.00U	<5.00U	<5.00U		
Methacrylonitrile	UG/L	1.5	-	-		<10U							<10U	<10U	<10U		
Methanol	MG/L	-	4	-													
Methapyrilene	UG/L	-	-	-		<16U							<15U	<16U	<16U		
Methyl Bromide	UG/L	7	-	10		<1U							<1U	<1U	<1U		
Methyl Chloride	UG/L	-	3	-		<1U							<1U	<1U	<1U		
Methyl Ethyl Ketone	MG/L	-	4	-		<0.003U							<0.003U	<0.003U	<0.003U		
Methyl Isobutyl Ketone	UG/L	-	-	100		<3U							<3U	<3U	<3U		
Methyl Methacrylate	UG/L	-	-	25		<1U							<1U	<1U	<1U		
Methyl Methanesulfonate	UG/L	0.68	-	-		<1U							<1U	<1U	<1U		
Methyl Tertiary Butyl Ether	UG/L	-	20	-		<2.00U							<2.00U	<2.00U	<2.00U		
Methylene Bromide	UG/L	-	-	70		<1U							<1U	<1U	<1U		
Methylene Chloride	UG/L	-	5	-		<2U							<2U	<2U	<2U		
N-Dioctyl Phthalate	UG/L	-	100	-		<2U							<2U	<2U	<2U		
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-		<2U							<2U	<2U	<2U		
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-		<2U							<2U	<2U	<2U		
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
N-Nitrosodiethylamine	UG/L	0.00014	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
N-Nitrosodimethylamine	UG/L	-	0.0007	-		<2U							<2U	<2U	<2U		
N-Nitrosodiphenylamine	UG/L	10	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
N-Nitrosomorpholine	UG/L	0.01	-	-		<2U							<2U	<2U	<2U		
N-Nitrosopiperidine	UG/L	0.0071	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
N-Nitrosopyrrolidine	UG/L	0.032	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Naphthalene	UG/L	-	6	-		<3.00U							<3.00U	<3.00U	<3.00U		
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-		<50.0U							<50.0U	<50.0U	<50.0U		
Nickel	UG/L	-	100	-		4.2J							4.5J	<1.5U	<1.5U		
Nitrate	MG/L	-	10	-													
Nitrobenzene	UG/L	0.12	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
O,O,O-Triethylphosphorothioate	UG/L	-	-	-		<2U							<2U	<2U	<2U		
O-Toluidine	UG/L	-	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Ortho-Xylene	UG/L	190	-	-		<2.00U							<2.00U	<2.00U	<2.00U		
para-Phenylenediamine	UG/L	3000	-	-		<82U							<76U	<79U	<79U		
Pentachlorobenzene	UG/L	2.3	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Pentachloroethane	UG/L	0.56	-	-		<1U							<1U	<1U	<1U		
Pentachloronitrobenzene	UG/L	0.1	-	-		<2U							<2U	<2U	<2U		
Pentachlorophenol	UG/L	-	0.3	-		<1U							<1U	<1U	<1U		
Ph	STD UNITS	-	-	-													
Phenacetin	UG/L	30	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Phenanthrene	UG/L	-	200	-		<0.62U							<0.62U	<0.61U	<0.60U		
Phenol	UG/L	-	30	-		<0.5U							<0.5U	<0.5U	<0.5U		
Pronamide	UG/L	900	-	-		<0.5U							<0.5U	<0.5U	<0.5U		
Propionitrile	UG/L	-	-	-		<30U							<30U	<30U	<30U		
Propylene Glycol	UG/L	-	-	140000		<8000U							<8000U	<8000U	<8000U		
Pyrene	UG/L	-	200	-		<4.1U							<4.1U	<4.0U	<4.0U		
Pyridine	UG/L	15	-	-		<2U							<2U	<2U	<2U		
Safrole	UG/L	0.083	-	-		<2U							<2U	<2U	<2U		
Selenium	UG/L	-	20	-		<0.5U							<0.5U	3.4J	1.5J		
Silver	UG/L	-	20	-		<2.1U							<2.1U	<2.1U	<2.1U		
Styrene	UG/L	-	70	-		<1U							<1U	<1U	<1U		
Sulfate	MG/L	-	250	-													
Terephthalic Acid	UG/L	15000	-	-		<100U							<100U	<100U	<100U		
Tetrachloroethene	UG/L	-	0.7	-		<0.8U							<0.8U	<0.8U	<0.8U		

Notes:
UG/L= Micrograms per Liter
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R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-36	MW-36	MW-36	MW-36	MW-37	MW-37	MW-38	MW-38	MW-40	MW-41	MW-42	MW-43	MW-43
				Sample Date	05/09/2013	11/12/2013	05/13/2014	05/13/2014	05/09/2013	05/13/2014	05/09/2013	05/14/2014	12/20/2013	11/07/2013	11/07/2013	05/09/2013	05/13/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-		<1U							<1U	<1U	<1U		
Thallium	UG/L	-	-	0.2		<0.15U							<0.15U	<0.15U	<0.15U		
Thionazin	UG/L	-	-	-		<2U							<2U	<2U	<2U		
Tin	UG/L	-	-	2000		<2.9U							<2.9U	<2.9U	<2.9U		
Toluene	UG/L	-	600	-		<2.00U							<2.00U	<2.00U	<2.00U		
Total Dissolved Solids	MG/L	-	500	-													
Total Organic Carbon	MG/L	-	-	-													
Total Organic Halogen	UG/L	-	-	-													
Total Suspended Solids	MG/L	-	-	-													
trans-1,2-Dichloroethene	UG/L	-	100	-		<0.8U							<0.8U	<0.8U	<0.8U		
trans-1,3-Dichloropropene	UG/L	-	-	-		<1U							<1U	<1U	<1U		
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-		<15U							<15U	<15U	<15U		
Trichloroethene	UG/L	-	3	-	2J	1J	1	1	[5]	[5]	1J	[3]	<1U	<1U	<1U	<1U	<0.5U
Trichlorofluoromethane	MG/L	-	2	-		<0.002U							<0.002U	<0.002U	<0.002U		
Triethylene Glycol	UG/L	-	-	-		<8000U							<8000UJ	<8000U	<8000U		
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-		<41U							450	<40U	<40U		
Vanadium	UG/L	-	-	0.3		<2U							[25.1]	<2U	<2U		
Vinyl Acetate	UG/L	-	-	88		<2U							<2U	<2U	<2U		
Vinyl Chloride	UG/L	-	0.03	-	<0.010U	<0.010U	0.015J	0.012J	<0.010U	0.017J	<0.010U	0.017J	0.023J	<0.010U	<0.010U	<0.010U	<0.010U
Xylenes	UG/L	-	500	-		<0.8U							<0.8U	<0.8U	<0.8U		
Zinc	MG/L	-	1	-		0.0075J							0.0509	<0.0020U	<0.0020U		

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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-44	MW-44	MW-44	MW-47	MW-47	MW-57	MW-57	MW-57	MW-58	MW-58	MW-58	MW-58	MW-58
				Sample Date	05/09/2013	11/07/2013	05/14/2014	05/08/2013	05/13/2014	05/09/2013	11/07/2013	05/13/2014	05/08/2013	05/08/2013	11/07/2013	05/12/2014	05/12/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC 2013													
1,1,1,2-Tetrachloroethane	UG/L	-	-	1		<1U					<1U				<1U		
1,1,1-Trichloroethane	UG/L	-	200	-		<0.8U					<0.8U				<0.8U		
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-		<1U					<1U				<1U		
1,1,2-Trichloroethane	UG/L	-	-	0.6		<0.8U					<0.8U				<0.8U		
1,1-Dichloroethane	UG/L	-	6	-		<1U					<1U				<1U		
1,1-Dichloroethene	UG/L	-	7	-		<0.8U					<0.8U				<0.8U		
1,2,3-Trichloropropane	UG/L	-	0.005	-		<1U					<1U				<1U		
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2		<0.6U					<0.6U				<0.5U		
1,2,4-Trichlorobenzene	UG/L	-	70	-		<0.6U					<0.6U				<0.5U		
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-		<2U					<2U				<2U		
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-		<1U					<1U				<1U		
1,2-Dichlorobenzene	UG/L	-	20	-		<0.6U					<0.6U				<0.5U		
1,2-Dichloroethane	UG/L	-	0.4	-		<1U					<1U				<1U		
1,2-Dichloropropane	UG/L	-	0.6	-		<1U					<1U				<1U		
1,2-Diphenylhydrazine	UG/L	0.067	-	-		<0.6U					<0.6U				<0.5U		
1,3,5-Trinitrobenzene	UG/L	460	-	-		<6U					<6U				<5U		
1,3-Dichlorobenzene	UG/L	-	200	-		<0.6U					<0.6U				<0.5U		
1,3-Dinitrobenzene	UG/L	1.5	-	-		<2U					<2U				<2U		
1,4-Dichlorobenzene	UG/L	-	6	-		<0.6U					<0.6U				<0.5U		
1,4-Dioxane	UG/L	-	3	-		<1U					<1U				<1U		
1,4-Naphthoquinone	UG/L	-	-	-		<12R					<12R				<10R		
1-Naphthylamine	UG/L	-	-	-		<6U					<6U				<5U		
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-		<0.6U					<0.6U				<0.5U		
2,4,5-Trichlorophenol	UG/L	-	-	63		<0.6U					<0.6U				<0.5U		
2,4,6-Trichlorophenol	UG/L	-	-	4		<0.6U					<0.6U				<0.5U		
2,4-Dichlorophenol	UG/L	-	-	0.98		<0.6U					<0.6U				<0.5U		
2,4-Dimethylphenol	UG/L	-	100	-		<0.6U					<0.6U				<0.5U		
2,4-Dinitrophenol	UG/L	30	-	-		<12U					<12U				<10U		
2,4-Dinitrotoluene	UG/L	-	-	0.1		<1U					<1U				<1U		
2,6-Dichlorophenol	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
2,6-Dinitrotoluene	UG/L	0.042	-	-		<0.6U					<0.6U				<0.5U		
2-Acetylaminofluorene	UG/L	0.013	-	-		<2U					<2U				<2U		
2-Chloronaphthalene	UG/L	550	-	-		<0.5U					<0.5U				<0.4U		
2-Chlorophenol	UG/L	-	0.4	-		<0.6U					<0.6U				<0.5U		
2-Hexanone	UG/L	-	-	40		<3U					<3U				<3U		
2-Methylnaphthalene	UG/L	-	30	-		<0.61U					<0.63U				<0.60U		
2-Methylphenol (O-Cresol)	UG/L	-	-	400		<0.6U					<0.6U				<0.5U		
2-Naphthylamine	UG/L	0.033	-	-		<6U					<6U				<5U		
2-Nitroaniline	UG/L	150	-	-		<0.6U					<0.6U				<0.5U		
2-Nitrophenol	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
2-Picoline	UG/L	-	-	-		<2U					<2U				<2U		
3,3'-Dichlorobenzidine	UG/L	0.11	-	-		<2U					<2U				<2U		
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-		<30U					<29U				<25U		
3-Methylcholanthrene	UG/L	0.00098	-	-		<0.6U					<0.6U				<0.5U		
3-Nitroaniline	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-		<6U					<6U				<5U		
4-Aminobiphenyl	UG/L	0.0026	-	-		<0.6U					<0.6U				<0.5U		
4-Bromophenyl Phenyl Ether	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
4-Chloro-3-Methylphenol	UG/L	1100	-	-		<0.6U					<0.6U				<0.5U		
4-Chloroaniline	UG/L	0.32	-	-		<0.6U					<0.6U				<0.5U		
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-		<0.6U					<0.6U				<0.5U		
4-Methylphenol (P-Cresol)	UG/L	-	40	-		<0.6U					<0.6U				<0.5U		
4-Nitroaniline	UG/L	3.3	-	-		<0.6U					<0.6U				<0.5U		
4-Nitrophenol	UG/L	-	-	-		<12U					<12U				<10U		
4-Nitroquinoline-N-Oxide	UG/L	-	-	-		<24U					<23U				<20U		
5-Nitro-Ortho-Toluidine	UG/L	7	-	-		<0.6U					<0.6U				<0.5U		
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-		<0.6U					<0.6U				<0.5U		
Acenaphthene	UG/L	-	80	-		<0.61U					<0.63U				<0.60U		
Acenaphthylene	UG/L	-	200	-		<0.72U					<0.74U				<0.70U		
Acetaldehyde	UG/L	2.2	-	-		<50U					<50U				<50U		
Acetone	MG/L	-	6	-		<0.006U					<0.006U				<0.006U		
Acetonitrile	UG/L	130	-	-		<25U					<25U				<25U		
Acetophenone	UG/L	-	-	700		<0.6U					<0.6U				<0.5U		
Acrolein	UG/L	-	-	4		<1.6UJ					<1.6UJ				<1.6UJ		
Acrylonitrile	UG/L	0.045	-	-		<1.9U					<1.9U				<1.9U		
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-													

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Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-44	MW-44	MW-44	MW-47	MW-47	MW-57	MW-57	MW-57	MW-58	MW-58	MW-58	MW-58	MW-58
				Sample Date	05/09/2013	11/07/2013	05/14/2014	05/08/2013	05/13/2014	05/09/2013	11/07/2013	05/13/2014	05/08/2013	05/08/2013	11/07/2013	05/12/2014	05/12/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC 2013													
Alkalinity, Total	MG CACO3/L	-	-	-													
Allyl Chloride	UG/L	0.63	-	-		<1U					<1U				<1U		
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-		<6U					<6U				<5UJ		
Aniline	UG/L	12	-	-		<0.6U					<0.6U				<0.5U		
Anthracene	MG/L	-	2	-		<0.00061U					<0.00063U				<0.0006U		
Antimony	UG/L	-	-	1		<5.3U					<5.3U				<5.3U		
Aramite	UG/L	1.1	-	-		<6U					<6U				<5U		
Arsenic	UG/L	-	10	-		0.99J					0.57J				<0.78U		
Barium	UG/L	-	700	-		20.1					3.1J				35.2		
Benzene	UG/L	-	1	-		<2.00U					<2.00U				<2.00U		
Benzo(A)Anthracene	UG/L	-	0.05	-		<0.72U					<0.74U				<0.70U		
Benzo(B)Fluoranthene	UG/L	-	0.05	-		<0.61U					<0.63U				<0.60U		
Benzo(G,H,I)Perylene	UG/L	-	200	-		<0.61U					<0.63U				<0.60U		
Benzo(K)Fluoranthene	UG/L	-	0.5	-		<0.92U					<0.95U				<0.90U		
Benzo(A)Pyrene	UG/L	-	0.005	-		<0.61U					<0.63U				<0.60U		
Benzyl Alcohol	UG/L	-	-	700		<6U					<6U				<5U		
Beryllium	UG/L	-	-	4		<0.67U					<0.67U				[4.6J]		
Biphenyl	UG/L	-	400	-		<0.6U					<0.6U				<0.5U		
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-		<0.6U					<0.6U				<0.5U		
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-		<0.6U					<0.6U				<0.5U		
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-		<2U					<2U				<2U		
Bromodichloromethane	UG/L	-	0.6	-		<1U					<1U				<1U		
Bromoform	UG/L	-	4	-		<1U					<1U				<1U		
Butyl Benzyl Phthalate	MG/L	-	1	-		<0.002U					<0.002U				<0.002U		
C11 to C22 Aromatics	UG/L	-	-	-		<41U					<42U				<40U		
C19 to C36 Aliphatics	UG/L	-	-	-		<51U					<53U				<50U		
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-		<50.0U					<50.0U				<50.0U		
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-		<50.0U					<50.0U				<50.0U		
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-		<20.0U					<20.0U				<20.0U		
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-		<50.0U					<50.0U				<50.0U		
C9 to C18 Aliphatics	UG/L	-	700	-		<31U					<32U				<30U		
Cadmium	UG/L	-	2	-		<0.76U					<0.76U				[2.2J]		
Carbon Disulfide	UG/L	-	700	-		<1U					<1U				<1U		
Carbon Tetrachloride	UG/L	-	0.3	-		<1U					<1U				<1U		
Chemical Oxygen Demand (COD)	MG/L	-	-	-													
Chloride	MG/L	-	250	-													
Chlorobenzene	UG/L	-	50	-		<0.8U					<0.8U				<0.8U		
Chlorobenzilate	UG/L	0.27	-	-		<4U					<3U				<3U		
Chlorodibromomethane	UG/L	-	0.4	-		<1U					<1U				<1U		
Chloroform	UG/L	-	70	-		<0.8U					<0.8U				<0.8U		
Chloroprene	UG/L	0.016	-	-		<1U					<1U				<1U		
Chromium	UG/L	-	10	-		5.5J					<1.6U				<1.6U		
Chrysene	UG/L	-	5	-		<0.51U					<0.53U				<0.50U		
cis-1,2 Dichloroethene	UG/L	-	70	-	<0.8U	<0.8U	<0.5U	31	35	2J	2J	3	11	11	7	8	8
cis-1,3-Dichloropropene	UG/L	-	-	-		<1U					<1U				<1U		
Cobalt	UG/L	-	-	1		<1.3U					<1.3U				[59.2]		
Copper	MG/L	-	1	-		<0.0027U					<0.0027U				0.0127J		
Di-N-Butyl Phthalate	UG/L	-	700	-		<2U					<2U				<2U		
Diallate	UG/L	0.46	-	-		<1U					<1U				<1U		
Dibenz(A,H)Anthracene	UG/L	-	0.005	-		<0.51U					<0.53U				<0.50U		
Dibenzofuran	UG/L	-	-	28		<0.6U					<0.6U				<0.5U		
Dichlorodifluoromethane	MG/L	-	1	-		<0.002U					<0.002U				<0.002U		
Diethyl Phthalate	MG/L	-	6	-		<0.002U					<0.002U				<0.002U		
Diethylene Glycol	UG/L	-	-	-		<8000U					<8000U				<8000U		
Dimethoate	UG/L	3.1	-	-		<4U					<3U				<3U		
Dimethyl Phthalate	UG/L	-	-	-		<2U					<2U				<2U		
Dimethyl Terephthalate	UG/L	1400	-	-													
Diphenyl Ether	UG/L	-	-	100		<0.6U					<0.6U				<0.5U		
Ethyl Chloride	UG/L	-	3000	-		<1U					<1U				<1U		
Ethyl Methacrylate	UG/L	420	-	-		<1U					<1U				<1U		
Ethyl Methanesulfonate	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
Ethylbenzene	UG/L	-	600	-		<2.00U					<2.00U				<2.00U		
Ethylene Glycol	MG/L	-	10	-		<8U					<8U				<8U		
Fluoranthene	UG/L	-	300	-		<0.51U					<0.53U				<0.50U		
Fluorene	UG/L	-	300	-		<0.61U					<0.63U				<0.60U		
Fluoride	MG/L	-	2	-													

Notes:
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-44	MW-44	MW-44	MW-47	MW-47	MW-57	MW-57	MW-57	MW-58	MW-58	MW-58	MW-58	MW-58
				Sample Date	05/09/2013	11/07/2013	05/14/2014	05/08/2013	05/13/2014	05/09/2013	11/07/2013	05/13/2014	05/08/2013	05/08/2013	11/07/2013	05/12/2014	05/12/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC 2013													
Hexachlorobenzene	UG/L	-	0.02	-		<0.1U					<0.1U				<0.1U		
Hexachlorobutadiene	UG/L	-	0.4	-		<0.6U					<0.6U				<0.5U		
Hexachlorocyclopentadiene	UG/L	22	-	-		<6U					<6U				<5U		
Hexachloroethane	UG/L	0.79	-	-		<1U					<1U				<1U		
Hexachloropropylene	UG/L	-	-	-		<2U					<2U				<2U		
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-		<0.61U					<0.63U				<0.60U		
Iodomethane	UG/L	-	-	-		<1U					<1U				<1U		
Iron	UG/L	-	300	-													
Isobutyl Alcohol	UG/L	4600	-	-		<100U					<100U				<100U		
Isodrin	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
Isophorone	UG/L	-	40	-		<0.6U					<0.6U				<0.5U		
Isosafrole	UG/L	-	-	-		<2U					<2U				<2U		
Lead	UG/L	-	15	-		1.2J					<0.085U				0.17J		
Manganese	UG/L	-	50	-													
Mercury	UG/L	-	1	-		<0.06U					<0.06U				<0.06U		
Meta- And Para-Xylene	UG/L	-	-	-		<5.00U					<5.00U				<5.00U		
Methacrylonitrile	UG/L	1.5	-	-		<10U					<10U				<10U		
Methanol	MG/L	-	4	-													
Methapyrilene	UG/L	-	-	-		<18U					<17U				<15U		
Methyl Bromide	UG/L	7	-	10		<1U					<1U				<1U		
Methyl Chloride	UG/L	-	3	-		<1U					<1U				<1U		
Methyl Ethyl Ketone	MG/L	-	4	-		<0.003U					<0.003U				<0.003U		
Methyl Isobutyl Ketone	UG/L	-	-	100		<3U					<3U				<3U		
Methyl Methacrylate	UG/L	-	-	25		<1U					<1U				<1U		
Methyl Methanesulfonate	UG/L	0.68	-	-		<1U					<1U				<1U		
Methyl Tertiary Butyl Ether	UG/L	-	20	-		<2.00U					<2.00U				<2.00U		
Methylene Bromide	UG/L	-	-	70		<1U					<1U				<1U		
Methylene Chloride	UG/L	-	5	-		<2U					<2U				<2U		
N-Dioctyl Phthalate	UG/L	-	100	-		<2U					<2U				<2U		
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-		<2U					<2U				<2U		
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-		<2U					<2U				<2U		
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-		<0.6U					<0.6U				<0.5U		
N-Nitrosodiethylamine	UG/L	0.00014	-	-		<0.6U					<0.6U				<0.5U		
N-Nitrosodimethylamine	UG/L	-	0.0007	-		<2U					<2U				<2U		
N-Nitrosodiphenylamine	UG/L	10	-	-		<0.6U					<0.6U				<0.5U		
N-Nitrosomorpholine	UG/L	0.01	-	-		<2U					<2U				<2U		
N-Nitrosopiperidine	UG/L	0.0071	-	-		<0.6U					<0.6U				<0.5U		
N-Nitrosopyrrolidine	UG/L	0.032	-	-		<0.6U					<0.6U				<0.5U		
Naphthalene	UG/L	-	6	-		<3.00U					<3.00U				<3.00U		
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-		<50.0U					<50.0U				<50.0U		
Nickel	UG/L	-	100	-		<1.5U					1.7J				83.4		
Nitrate	MG/L	-	10	-													
Nitrobenzene	UG/L	0.12	-	-		<0.6U					<0.6U				<0.5U		
O,O,O-Triethylphosphorothioate	UG/L	-	-	-		<2U					<2U				<2U		
O-Toluidine	UG/L	-	-	-		<0.6U					<0.6U				<0.5U		
Ortho-Xylene	UG/L	190	-	-		<2.00U					<2.00U				<2.00U		
para-Phenylenediamine	UG/L	3000	-	-		<90U					<87U				<76U		
Pentachlorobenzene	UG/L	2.3	-	-		<0.6U					<0.6U				<0.5U		
Pentachloroethane	UG/L	0.56	-	-		<1U					<1U				<1U		
Pentachloronitrobenzene	UG/L	0.1	-	-		<2U					<2U				<2U		
Pentachlorophenol	UG/L	-	0.3	-		<1U					<1U				<1U		
Ph	STD UNITS	-	-	-													
Phenacetin	UG/L	30	-	-		<0.6U					<0.6U				<0.5U		
Phenanthrene	UG/L	-	200	-		<0.61U					<0.63U				<0.60U		
Phenol	UG/L	-	30	-		<0.6U					<0.6U				<0.5U		
Pronamide	UG/L	900	-	-		<0.6U					<0.6U				<0.5U		
Propionitrile	UG/L	-	-	-		<30U					<30U				<30U		
Propylene Glycol	UG/L	-	-	140000		<8000U					<8000U				<8000U		
Pyrene	UG/L	-	200	-		<4.1U					<4.2U				<4.0U		
Pyridine	UG/L	15	-	-		<2U					<2U				<2U		
Safrole	UG/L	0.083	-	-		<2U					<2U				<2U		
Selenium	UG/L	-	20	-		4.8					<0.5U				0.54J		
Silver	UG/L	-	20	-		<2.1U					<2.1U				<2.1U		
Styrene	UG/L	-	70	-		<1U					<1U				<1U		
Sulfate	MG/L	-	250	-													
Terephthalic Acid	UG/L	15000	-	-		<100U					<100U				<100U		
Tetrachloroethene	UG/L	-	0.7	-		<0.8U					<0.8U				<0.8U		

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Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-44	MW-44	MW-44	MW-47	MW-47	MW-57	MW-57	MW-57	MW-58	MW-58	MW-58	MW-58	MW-58
				Sample Date	05/09/2013	11/07/2013	05/14/2014	05/08/2013	05/13/2014	05/09/2013	11/07/2013	05/13/2014	05/08/2013	05/08/2013	11/07/2013	05/12/2014	05/12/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC 2013													
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-		<1U					<1U				<1U		
Thallium	UG/L	-	-	0.2		<0.15U					<0.15U				<0.15U		
Thionazin	UG/L	-	-	-		<2U					<2U				<2U		
Tin	UG/L	-	-	2000		<2.9U					<2.9U				3.2J		
Toluene	UG/L	-	600	-		<2.00U					<2.00U				<2.00U		
Total Dissolved Solids	MG/L	-	500	-													
Total Organic Carbon	MG/L	-	-	-													
Total Organic Halogen	UG/L	-	-	-													
Total Suspended Solids	MG/L	-	-	-													
trans-1,2-Dichloroethene	UG/L	-	100	-		<0.8U					<0.8U				<0.8U		
trans-1,3-Dichloropropene	UG/L	-	-	-		<1U					<1U				<1U		
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-		<15U					<15U				<15U		
Trichloroethene	UG/L	-	3	-	<1U	<1U	<0.5U	[210]	[250]	3J	2J	3	[81]	[78]	[59]	[53]	[52]
Trichlorofluoromethane	MG/L	-	2	-		<0.002U					<0.002U				<0.002U		
Triethylene Glycol	UG/L	-	-	-		<8000U					<8000U				<8000U		
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-		<41U					<42U				<40U		
Vanadium	UG/L	-	-	0.3		[3.2J]					<2U				<2U		
Vinyl Acetate	UG/L	-	-	88		<2U					<2U				<2U		
Vinyl Chloride	UG/L	-	0.03	-	<0.010U	<0.010U	<0.010U	<0.010U	[0.22]	<0.010U	<0.010U	0.011B	[0.069]	[0.066]	[0.083]	[0.067]	[0.059]
Xylenes	UG/L	-	500	-		<0.8U					<0.8U				<0.8U		
Zinc	MG/L	-	1	-		0.0091J					<0.0020U				0.296		

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Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-59	MW-59	MW-60	MW-60	MW-60	MW-61	MW-61	MW-61	MW-63	MW-65	MW-67	MW-67	MW-68
				Sample Date	05/08/2013	05/13/2014	05/09/2013	05/09/2013	05/13/2014	05/09/2013	11/14/2013	05/13/2014	11/12/2013	11/12/2013	11/08/2013	11/08/2013	11/08/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample
				NC IMAC 2013													
1,1,1,2-Tetrachloroethane	UG/L	-	-	1							<1U		<1U	<1U	<1U	<1U	<1U
1,1,1-Trichloroethane	UG/L	-	200	-							<0.8U		<0.8U	<0.8U	<0.8U	<0.8U	<0.8U
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-							<1U		<1U	<1U	<1U	<1U	<1U
1,1,2-Trichloroethane	UG/L	-	-	0.6							<0.8U		<0.8U	<0.8U	<0.8U	<0.8U	<0.8U
1,1-Dichloroethane	UG/L	-	6	-							<1U		<1U	<1U	<1U	<1U	<1U
1,1-Dichloroethene	UG/L	-	7	-							<0.8U		<0.8U	<0.8U	<0.8U	<0.8U	<0.8U
1,2,3-Trichloropropane	UG/L	-	0.005	-							<1U		<1U	<1U	<1U	<1U	<1U
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
1,2,4-Trichlorobenzene	UG/L	-	70	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-							<2U		<2U	<2U	<2U	<2U	<2U
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-							<1U		<1U	<1U	<1U	<1U	<1U
1,2-Dichlorobenzene	UG/L	-	20	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
1,2-Dichloroethane	UG/L	-	0.4	-							<1U		<1U	<1U	[2J]	[2J]	<1U
1,2-Dichloropropane	UG/L	-	0.6	-							<1U		<1U	<1U	<1U	<1U	<1U
1,2-Diphenylhydrazine	UG/L	0.067	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
1,3,5-Trinitrobenzene	UG/L	460	-	-							<5U		<5UJ	<5UJ	<5U	<5U	<5U
1,3-Dichlorobenzene	UG/L	-	200	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
1,3-Dinitrobenzene	UG/L	1.5	-	-							<2U		<2U	<2U	<2U	<2U	<2U
1,4-Dichlorobenzene	UG/L	-	6	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
1,4-Dioxane	UG/L	-	3	-							<1U		<1U	<1U	<1U	<1U	<1U
1,4-Naphthoquinone	UG/L	-	-	-							<11U		<11R	<10R	<11R	<11R	<11R
1-Naphthylamine	UG/L	-	-	-							<5U		<5U	<5U	<5U	<5U	<5U
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2,4,5-Trichlorophenol	UG/L	-	-	63							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2,4,6-Trichlorophenol	UG/L	-	-	4							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2,4-Dichlorophenol	UG/L	-	-	0.98							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2,4-Dimethylphenol	UG/L	-	100	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2,4-Dinitrophenol	UG/L	30	-	-							<11U		<11U	<10U	<11U	<11U	<11U
2,4-Dinitrotoluene	UG/L	-	-	0.1							<1U		<1U	<1U	<1U	<1U	<1U
2,6-Dichlorophenol	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2,6-Dinitrotoluene	UG/L	0.042	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2-Acetylaminofluorene	UG/L	0.013	-	-							<2U		<2U	<2U	<2U	<2U	<2U
2-Chloronaphthalene	UG/L	550	-	-							<0.4U		<0.4U	<0.4U	<0.4U	<0.4U	<0.4U
2-Chlorophenol	UG/L	-	0.4	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2-Hexanone	UG/L	-	-	40							<3U		<3U	<3U	<3U	<3U	<3U
2-Methylnaphthalene	UG/L	-	30	-							<0.60U		<0.64U	<0.62U	<0.59U	<0.60U	<0.60U
2-Methylphenol (O-Cresol)	UG/L	-	-	400							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2-Naphthylamine	UG/L	0.033	-	-							<5U		<5U	<5U	<5U	<5U	<5U
2-Nitroaniline	UG/L	150	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2-Nitrophenol	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
2-Picoline	UG/L	-	-	-							<2U		<2U	<2U	<2U	<2U	<2U
3,3'-Dichlorobenzidine	UG/L	0.11	-	-							<2U		<2U	<2U	<2U	<2U	<2U
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-							<26U		<27U	<26U	<27U	<26U	<27U
3-Methylcholanthrene	UG/L	0.00098	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
3-Nitroaniline	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-							<5U		<5U	<5U	<5U	<5U	<5U
4-Aminobiphenyl	UG/L	0.0026	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4-Bromophenyl Phenyl Ether	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4-Chloro-3-Methylphenol	UG/L	1100	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4-Chloroaniline	UG/L	0.32	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4-Methylphenol (P-Cresol)	UG/L	-	40	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4-Nitroaniline	UG/L	3.3	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
4-Nitrophenol	UG/L	-	-	-							<11U		<11U	<10U	<11U	<11U	<11U
4-Nitroquinoline-N-Oxide	UG/L	-	-	-							<21U		<21U	<21U	<21U	<21U	<22U
5-Nitro-Ortho-Toluidine	UG/L	7	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Acenaphthene	UG/L	-	80	-							<0.60U		<0.64U	<0.62U	<0.59U	<0.60U	<0.60U
Acenaphthylene	UG/L	-	200	-							<0.69U		<0.75U	<0.73U	<0.69U	<0.70U	<0.70U
Acetaldehyde	UG/L	2.2	-	-							<50U		<50U	<50U	<50U	<50U	<50U
Acetone	MG/L	-	6	-							<0.006U		<0.006U	<0.006U	0.009J	0.01J	<0.006U
Acetonitrile	UG/L	130	-	-							<25U		<25U	<25U	<25U	<25U	<25U
Acetophenone	UG/L	-	-	700							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Acrolein	UG/L	-	-	4							<1.6UJ		<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ
Acrylonitrile	UG/L	0.045	-	-							<1.9U		<1.9U	<1.9U	<1.9U	<1.9U	<1.9U
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-													

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-59	MW-59	MW-60	MW-60	MW-60	MW-61	MW-61	MW-61	MW-63	MW-65	MW-67	MW-67	MW-68
				Sample Date	05/08/2013	05/13/2014	05/09/2013	05/09/2013	05/13/2014	05/09/2013	11/14/2013	05/13/2014	11/12/2013	11/12/2013	11/08/2013	11/08/2013	11/08/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample
				NC IMAC 2013													
Alkalinity, Total	MG CACO3/L	-	-	-													
Allyl Chloride	UG/L	0.63	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-							<5U		<5U	<5U	<5U	<5U	<5U
Aniline	UG/L	12	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Anthracene	MG/L	-	2	-							<0.0006U		<0.00064U	0.0001J	<0.00059U	<0.0006U	<0.0006U
Antimony	UG/L	-	-	1							<5.3U		<5.3U	[11.7J]	<5.3U	<5.3U	<5.3U
Aramite	UG/L	1.1	-	-							<5U		<5U	<5U	<5U	<5U	<5U
Arsenic	UG/L	-	10	-							<0.42U		<0.42U	1.1J	[14]	[13.3]	1.9J
Barium	UG/L	-	700	-							49.7		40	16.2	228	257	29.3
Benzene	UG/L	-	1	-							<2.00U		<2.00U	<2.00U	<2.00U	<2.00U	<2.00U
Benzo(A)Anthracene	UG/L	-	0.05	-							<0.69U		<0.75U	<0.73U	<0.69U	<0.70U	<0.70U
Benzo(B)Fluoranthene	UG/L	-	0.05	-							<0.60U		<0.64U	<0.62U	<0.59U	<0.60U	<0.60U
Benzo(G,H,I)Perylene	UG/L	-	200	-							<0.60U		<0.64U	<0.62U	<0.59U	<0.60U	<0.60U
Benzo(K)Fluoranthene	UG/L	-	0.5	-							<0.89U		<0.96U	<0.94U	<0.89U	<0.90U	<0.90U
Benzo(A)Pyrene	UG/L	-	0.005	-							<0.60U		<0.64U	<0.62U	<0.59U	<0.60U	<0.60U
Benzyl Alcohol	UG/L	-	-	700							<5U		<5U	<5U	<5U	<5U	<5U
Beryllium	UG/L	-	-	4							0.91J		1.9J	<0.67U	0.8J	0.86J	<0.67U
Biphenyl	UG/L	-	400	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-							<2U		<2U	<2U	<2U	<2U	<2U
Bromodichloromethane	UG/L	-	0.6	-							<1U		<1U	<1U	<1U	<1U	<1U
Bromoform	UG/L	-	4	-							<1U		<1U	<1U	<1U	<1U	<1U
Butyl Benzyl Phthalate	MG/L	-	1	-							<0.002U		<0.002U	<0.002U	<0.002U	<0.002U	<0.002U
C11 to C22 Aromatics	UG/L	-	-	-							<40U		<43U	<42U	<40U	<40U	<40U
C19 to C36 Aliphatics	UG/L	-	-	-							<50U		<53U	<52U	<49U	<50U	<50U
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-							<50.0U		<50.0U	<50.0U	<50.0U	<50.0U	<50.0U
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-							<50.0U		<50.0U	<50.0U	<50.0U	<50.0U	<50.0U
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-							<20.0U		<20.0U	<20.0U	<20.0U	<20.0U	<20.0U
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-							<50.0U		<50.0U	<50.0U	<50.0U	<50.0U	<50.0U
C9 to C18 Aliphatics	UG/L	-	700	-							<30U		<32U	<31U	<30U	<30U	<30U
Cadmium	UG/L	-	2	-							1.1J		1.8J	<0.76U	0.9J	<0.76U	0.82J
Carbon Disulfide	UG/L	-	700	-							<1U		<1U	<1U	<1U	<1U	<1U
Carbon Tetrachloride	UG/L	-	0.3	-							<1U		<1U	<1U	<1U	<1U	<1U
Chemical Oxygen Demand (COD)	MG/L	-	-	-													
Chloride	MG/L	-	250	-													
Chlorobenzene	UG/L	-	50	-							<0.8U		<0.8U	<0.8U	<0.8U	<0.8U	<0.8U
Chlorobenzilate	UG/L	0.27	-	-							<3U		<3U	<3U	<3U	<3U	<3U
Chlorodibromomethane	UG/L	-	0.4	-							<1U		<1U	<1U	<1U	<1U	<1U
Chloroform	UG/L	-	70	-							1J		<0.8U	<0.8U	<0.8U	<0.8U	<0.8U
Chloroprene	UG/L	0.016	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Chromium	UG/L	-	10	-							<1.6U		<1.6U	<1.6U	[10.1J]	9.9J	4.4J
Chrysene	UG/L	-	5	-							<0.50U		<0.53U	<0.52U	<0.49U	<0.50U	<0.50U
cis-1,2 Dichloroethene	UG/L	-	70	-	6	5	8	8	6	<0.8U	<0.8U	<0.5U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U
cis-1,3-Dichloropropene	UG/L	-	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Cobalt	UG/L	-	-	1							[6.3J]		[31.2]	<1.3U	<1.3U	<1.3U	<1.3U
Copper	MG/L	-	1	-							<0.0027U		<0.0027U	0.0056J	<0.0027U	<0.0027U	<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-							<2U		<2U	<2U	<2U	<2U	<2U
Diallate	UG/L	0.46	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Dibenz(A,H)Anthracene	UG/L	-	0.005	-							<0.50U		<0.53U	<0.52U	<0.49U	<0.50U	<0.50U
Dibenzofuran	UG/L	-	-	28							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Dichlorodifluoromethane	MG/L	-	1	-							<0.002U		<0.002U	<0.002U	<0.002U	<0.002U	<0.002U
Diethyl Phthalate	MG/L	-	6	-							<0.002U		<0.002U	<0.002U	<0.002U	<0.002U	<0.002U
Diethylene Glycol	UG/L	-	-	-							<8000U		<8000U	<8000U	<8000U	<8000U	<8000U
Dimethoate	UG/L	3.1	-	-							<3U		<3U	<3U	<3U	<3U	<3U
Dimethyl Phthalate	UG/L	-	-	-							<2U		<2U	<2U	<2U	<2U	<2U
Dimethyl Terephthalate	UG/L	1400	-	-													
Diphenyl Ether	UG/L	-	-	100							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Ethyl Chloride	UG/L	-	3000	-							<1U		<1U	<1U	<1U	<1U	<1U
Ethyl Methacrylate	UG/L	420	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Ethyl Methanesulfonate	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Ethylbenzene	UG/L	-	600	-							<2.00U		<2.00U	<2.00U	<2.00U	<2.00U	<2.00U
Ethylene Glycol	MG/L	-	10	-							<8U		<8U	<8U	<8U	<8U	<8U
Fluoranthene	UG/L	-	300	-							<0.50U		<0.53U	<0.52U	<0.49U	<0.50U	<0.50U
Fluorene	UG/L	-	300	-							<0.60U		<0.64U	<0.62U	<0.59U	<0.60U	<0.60U
Fluoride	MG/L	-	2	-													

Notes:
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Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-59	MW-59	MW-60	MW-60	MW-60	MW-61	MW-61	MW-61	MW-63	MW-65	MW-67	MW-67	MW-68
				Sample Date	05/08/2013	05/13/2014	05/09/2013	05/09/2013	05/13/2014	05/09/2013	11/14/2013	05/13/2014	11/12/2013	11/12/2013	11/08/2013	11/08/2013	11/08/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample
				NC IMAC 2013													
Hexachlorobenzene	UG/L	-	0.02	-							<0.1U		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U
Hexachlorobutadiene	UG/L	-	0.4	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Hexachlorocyclopentadiene	UG/L	22	-	-							<5U		<5U	<5U	<5U	<5U	<5U
Hexachloroethane	UG/L	0.79	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Hexachloropropylene	UG/L	-	-	-							<2U		<2U	<2U	<2U	<2U	<2U
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-							<0.60U		<0.64U	<0.62U	<0.59U	<0.60U	<0.60U
Iodomethane	UG/L	-	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Iron	UG/L	-	300	-													
Isobutyl Alcohol	UG/L	4600	-	-							<100U		<100U	<100U	<100U	<100U	<100U
Isodrin	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Isophorone	UG/L	-	40	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Isosafrole	UG/L	-	-	-							<2U		<2U	<2U	<2U	<2U	<2U
Lead	UG/L	-	15	-							<0.085U		0.14J	0.23J	0.28J	0.27J	0.11J
Manganese	UG/L	-	50	-													
Mercury	UG/L	-	1	-							<0.06U		<0.06U	<0.06U	<0.06U	<0.06U	<0.06U
Meta- And Para-Xylene	UG/L	-	-	-							<5.00U		<5.00U	<5.00U	<5.00U	<5.00U	<5.00U
Methacrylonitrile	UG/L	1.5	-	-							<10U		<10U	<10U	<10U	<10U	<10U
Methanol	MG/L	-	4	-													
Methapyrilene	UG/L	-	-	-							<16U		<16U	<16U	<16U	<16U	<16U
Methyl Bromide	UG/L	7	-	10							<1U		<1U	<1U	<1U	<1U	<1U
Methyl Chloride	UG/L	-	3	-							<1U		<1U	<1U	<1U	<1U	<1U
Methyl Ethyl Ketone	MG/L	-	4	-							<0.003U		<0.003U	<0.003U	<0.003U	<0.003U	<0.003U
Methyl Isobutyl Ketone	UG/L	-	-	100							<3U		<3U	<3U	<3U	<3U	<3U
Methyl Methacrylate	UG/L	-	-	25							<1U		<1U	<1U	<1U	<1U	<1U
Methyl Methanesulfonate	UG/L	0.68	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Methyl Tertiary Butyl Ether	UG/L	-	20	-							<2.00U		<2.00U	<2.00U	<2.00U	<2.00U	<2.00U
Methylene Bromide	UG/L	-	-	70							<1U		<1U	<1U	<1U	<1U	<1U
Methylene Chloride	UG/L	-	5	-							<2U		<2U	<2U	<2U	<2U	<2U
N-Dioctyl Phthalate	UG/L	-	100	-							<2U		<2U	<2U	<2U	<2U	<2U
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-							<2U		<2U	<2U	<2U	<2U	<2U
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-							<2U		<2U	<2U	<2U	<2U	<2U
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
N-Nitrosodiethylamine	UG/L	0.00014	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
N-Nitrosodimethylamine	UG/L	-	0.0007	-							<2U		<2U	<2U	<2U	<2U	<2U
N-Nitrosodiphenylamine	UG/L	10	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
N-Nitrosomorpholine	UG/L	0.01	-	-							<2U		<2U	<2U	<2U	<2U	<2U
N-Nitrosopiperidine	UG/L	0.0071	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
N-Nitrosopyrrolidine	UG/L	0.032	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Naphthalene	UG/L	-	6	-							<3.00U		<3.00U	<3.00U	<3.00U	<3.00U	<3.00U
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-							<50.0U		<50.0U	<50.0U	<50.0U	<50.0U	<50.0U
Nickel	UG/L	-	100	-							6.4J		49.1	<1.5U	3.2J	3.2J	<1.5U
Nitrate	MG/L	-	10	-													
Nitrobenzene	UG/L	0.12	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
O,O,O-Triethylphosphorothioate	UG/L	-	-	-							<2U		<2U	<2U	<2U	<2U	<2U
O-Toluidine	UG/L	-	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Ortho-Xylene	UG/L	190	-	-							<2.00U		<2.00U	<2.00U	<2.00U	<2.00U	<2.00U
para-Phenylenediamine	UG/L	3000	-	-							<79U		<80U	<78U	<80U	<79U	<82U
Pentachlorobenzene	UG/L	2.3	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Pentachloroethane	UG/L	0.56	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Pentachloronitrobenzene	UG/L	0.1	-	-							<2U		<2U	<2U	<2U	<2U	<2U
Pentachlorophenol	UG/L	-	0.3	-							<1U		<1U	<1U	<1U	<1U	<1U
Ph	STD UNITS	-	-	-													
Phenacetin	UG/L	30	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Phenanthrene	UG/L	-	200	-							<0.60U		<0.64U	<0.62U	<0.59U	<0.60U	<0.60U
Phenol	UG/L	-	30	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Pronamide	UG/L	900	-	-							<0.5U		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U
Propionitrile	UG/L	-	-	-							<30U		<30U	<30U	<30U	<30U	<30U
Propylene Glycol	UG/L	-	-	140000							<8000U		<8000U	<8000U	<8000U	<8000U	<8000U
Pyrene	UG/L	-	200	-							<4.0U		<5.1U	<4.2U	<4.0U	<4.0U	<4.0U
Pyridine	UG/L	15	-	-							<2U		<2U	<2U	<2U	<2U	<2U
Safrole	UG/L	0.083	-	-							<2U		<2U	<2U	<2U	<2U	<2U
Selenium	UG/L	-	20	-							2.3J		1.4J	<0.5U	1.5J	1.6J	<0.5U
Silver	UG/L	-	20	-							<2.1U		<2.1U	<2.1U	<2.1U	<2.1U	<2.1U
Styrene	UG/L	-	70	-							<1U		<1U	<1U	<1U	<1U	<1U
Sulfate	MG/L	-	250	-													
Terephthalic Acid	UG/L	15000	-	-							<100U		<100U	<100U	<100U	<100U	<100U
Tetrachloroethene	UG/L	-	0.7	-							<0.8U		<0.8U	<0.8U	<0.8U	<0.8U	<0.8U

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Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-59	MW-59	MW-60	MW-60	MW-60	MW-61	MW-61	MW-61	MW-63	MW-65	MW-67	MW-67	MW-68
				Sample Date	05/08/2013	05/13/2014	05/09/2013	05/09/2013	05/13/2014	05/09/2013	11/14/2013	05/13/2014	11/12/2013	11/12/2013	11/08/2013	11/08/2013	11/08/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample
				NC IMAC 2013													
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-							<1U		<1U	<1U	<1U	<1U	<1U
Thallium	UG/L	-	-	0.2							<0.15U		<0.15U	<0.15U	<0.15U	<0.15U	<0.15U
Thionazin	UG/L	-	-	-							<2U		<2U	<2U	<2U	<2U	<2U
Tin	UG/L	-	-	2000							<2.9U		<2.9U	<2.9U	<2.9U	<2.9U	<2.9U
Toluene	UG/L	-	600	-							<2.00U		<2.00U	<2.00U	<2.00U	<2.00U	<2.00U
Total Dissolved Solids	MG/L	-	500	-													
Total Organic Carbon	MG/L	-	-	-													
Total Organic Halogen	UG/L	-	-	-													
Total Suspended Solids	MG/L	-	-	-													
trans-1,2-Dichloroethene	UG/L	-	100	-							<0.8U		<0.8U	<0.8U	<0.8U	<0.8U	<0.8U
trans-1,3-Dichloropropene	UG/L	-	-	-							<1U		<1U	<1U	<1U	<1U	<1U
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-							<15U		<15U	<15U	<15U	<15U	<15U
Trichloroethene	UG/L	-	3	-	[33]	[27]	[16]	[16]	[16]	<1U	<1U	<0.5U	1J	<1U	<1U	<1U	<1U
Trichlorofluoromethane	MG/L	-	2	-							<0.002U		<0.002U	<0.002U	<0.002U	<0.002U	<0.002U
Triethylene Glycol	UG/L	-	-	-							<8000U		<8000U	<8000U	<8000U	<8000U	<8000U
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-							<40U		<43U	<42U	<40U	<40U	<40U
Vanadium	UG/L	-	-	0.3							<2U		<2U	[2.5J]	[35.5]	[36.6]	[3.9J]
Vinyl Acetate	UG/L	-	-	88							<2U		<2U	<2U	<2U	<2U	<2U
Vinyl Chloride	UG/L	-	0.03	-	0.027J	[0.035B]	[2.7]	[2.8]	[3.0]	<0.010U	<0.010U	0.013B	[0.072]	<0.010U	[0.034J]	[0.036J]	<0.010U
Xylenes	UG/L	-	500	-							<0.8U		<0.8U	<0.8U	<0.8U	<0.8U	<0.8U
Zinc	MG/L	-	1	-							0.0191J		0.18	0.0908	0.0116J	0.0166J	0.0031J

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU13-TW-1	SWMU13-TW-1	SWMU13-TW-2	SWMU13-TW-2	SWMU13-TW-3	SWMU13-TW-3	SWMU13-TW-4	SWMU13-TW-4	SWMU13-TW-5	SWMU13-TW-5	SWMU13-TW-6	SWMU13-TW-6	SWMU13-TW-7
				Sample Date	10/24/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/24/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
1,1,1,2-Tetrachloroethane	UG/L	-	-	1		<1U		<1U		<1U		<1U		<1U		<1U	
1,1,1-Trichloroethane	UG/L	-	200	-		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-		<1U		<1U		<1U		<1U		<1U		<1U	
1,1,2-Trichloroethane	UG/L	-	-	0.6		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	
1,1-Dichloroethane	UG/L	-	6	-		<1U		<1U		<1U		<1U		<1U		<1U	
1,1-Dichloroethene	UG/L	-	7	-		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	
1,2,3-Trichloropropane	UG/L	-	0.005	-		<1U		<1U		<1U		<1U		<1U		<1U	
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
1,2,4-Trichlorobenzene	UG/L	-	70	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-		<2U		<2U		<2U		<2U		<2U		<2U	
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-		<1U		<1U		<1U		<1U		<1U		<1U	
1,2-Dichlorobenzene	UG/L	-	20	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
1,2-Dichloroethane	UG/L	-	0.4	-		<1U		<1U		<1U		<1U		<1U		<1U	
1,2-Dichloropropane	UG/L	-	0.6	-		<1U		<1U		<1U		<1U		<1U		<1U	
1,2-Diphenylhydrazine	UG/L	0.067	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
1,3,5-Trinitrobenzene	UG/L	460	-	-	<6U		<5U		<5U		<5U		<5U		<5U		<5U
1,3-Dichlorobenzene	UG/L	-	200	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
1,3-Dinitrobenzene	UG/L	1.5	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
1,4-Dichlorobenzene	UG/L	-	6	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
1,4-Dioxane	UG/L	-	3	-	[44]		<1U		<1U		<1U		<1U		<1U		[14]
1,4-Naphthoquinone	UG/L	-	-	-	<11U		<10U		<10U		<10U		<10U		<10U		<10U
1-Naphthylamine	UG/L	-	-	-	<6U		<5U		<5U		<5U		<5U		<5U		<5U
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2,4,5-Trichlorophenol	UG/L	-	-	63	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2,4,6-Trichlorophenol	UG/L	-	-	4	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2,4-Dichlorophenol	UG/L	-	-	0.98	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2,4-Dimethylphenol	UG/L	-	100	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2,4-Dinitrophenol	UG/L	30	-	-	<11U		<10U		<10U		<10U		<10U		<10U		<10U
2,4-Dinitrotoluene	UG/L	-	-	0.1	<1U		<1U		<1U		<1U		<1U		<1U		<1U
2,6-Dichlorophenol	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2,6-Dinitrotoluene	UG/L	0.042	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2-Acetylaminofluorene	UG/L	0.013	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
2-Chloronaphthalene	UG/L	550	-	-	<0.5U		<0.4U		<0.4U		<0.4U		<0.4U		<0.4U		<0.4U
2-Chlorophenol	UG/L	-	0.4	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2-Hexanone	UG/L	-	-	40		<3U		<3U		<3U		<3U		<3U		<3U	
2-Methylnaphthalene	UG/L	-	30	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
2-Methylphenol (O-Cresol)	UG/L	-	-	400	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2-Naphthylamine	UG/L	0.033	-	-	<6U		<5U		<5U		<5U		<5U		<5U		<5U
2-Nitroaniline	UG/L	150	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2-Nitrophenol	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
2-Picoline	UG/L	-	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
3,3'-Dichlorobenzidine	UG/L	0.11	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-	<28U		<25U		<26U		<25U		<25U		<26U		<26U
3-Methylcholanthrene	UG/L	0.00098	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
3-Nitroaniline	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-	<6U		<5U		<5U		<5U		<5U		<5U		<5U
4-Aminobiphenyl	UG/L	0.0026	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4-Bromophenyl Phenyl Ether	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4-Chloro-3-Methylphenol	UG/L	1100	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4-Chloroaniline	UG/L	0.32	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4-Methylphenol (P-Cresol)	UG/L	-	40	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4-Nitroaniline	UG/L	3.3	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
4-Nitrophenol	UG/L	-	-	-	<11U		<10U		<10U		<10U		<10U		<10U		<10U
4-Nitroquinoline-N-Oxide	UG/L	-	-	-	<23U		<20U		<21U		<20U		<20U		<21U		<21U
5-Nitro-Ortho-Toluidine	UG/L	7	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Acenaphthene	UG/L	-	80	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Acenaphthylene	UG/L	-	200	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Acetaldehyde	UG/L	2.2	-	-													
Acetone	MG/L	-	6	-		<0.006U		<0.006U		<0.006U		<0.006U		<0.006U		<0.006U	
Acetonitrile	UG/L	130	-	-		<25U		<25U		<25U		<25U		<25U		<25U	
Acetophenone	UG/L	-	-	700	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Acrolein	UG/L	-	-	4	<1.6UJ		<1.6UJ		<1.6UJ		<1.6UJ		<1.6UJ		<1.6UJ		<1.6UJ
Acrylonitrile	UG/L	0.045	-	-	<1.9U		<1.9U		<1.9U		<1.9U		<1.9U		<1.9U		<1.9U
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-													

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU13-TW-1	SWMU13-TW-1	SWMU13-TW-2	SWMU13-TW-2	SWMU13-TW-3	SWMU13-TW-3	SWMU13-TW-4	SWMU13-TW-4	SWMU13-TW-5	SWMU13-TW-5	SWMU13-TW-6	SWMU13-TW-6	SWMU13-TW-7
				Sample Date	10/24/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/24/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Alkalinity, Total	MG CACO3/L	-	-	-													
Allyl Chloride	UG/L	0.63	-	-		<1U		<1U		<1U		<1U		<1U		<1U	
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-	<6U		<5U		<5U		<5U		<5U		<5U		<5U
Aniline	UG/L	12	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Anthracene	MG/L	-	2	-	<0.0001U		<0.0001U		<0.0001U		<0.0001U		<0.0001U		<0.0001U		<0.0001U
Antimony	UG/L	-	-	1	<5.3U		<5.3U		<5.3U		<5.3U		<5.3U		<5.3U		<5.3U
Aramite	UG/L	1.1	-	-	<6U		<5U		<5U		<5U		<5U		<5U		<5U
Arsenic	UG/L	-	10	-	2.1J		<0.42U		2.1J		1.1J		0.93J		2.4J		1.7J
Barium	UG/L	-	700	-	107		49		60.2		25.6		61.7		70.2		22.9
Benzene	UG/L	-	1	-		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U	
Benzo(A)Anthracene	UG/L	-	0.05	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Benzo(B)Fluoranthene	UG/L	-	0.05	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Benzo(G,H,I)Perylene	UG/L	-	200	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Benzo(K)Fluoranthene	UG/L	-	0.5	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Benzo(A)Pyrene	UG/L	-	0.005	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Benzyl Alcohol	UG/L	-	-	700	<6U		<5U		<5U		<5U		<5U		<5U		<5U
Beryllium	UG/L	-	-	4	<0.67U		<0.67U		<0.67U		<0.67U		3.3J		0.68J		<0.67U
Biphenyl	UG/L	-	400	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Bromodichloromethane	UG/L	-	0.6	-		<1U		<1U		<1U		<1U		<1U		<1U	
Bromoform	UG/L	-	4	-		<1U		<1U		<1U		<1U		<1U		<1U	
Butyl Benzyl Phthalate	MG/L	-	1	-	<0.002U		<0.002U		<0.002U		<0.002U		<0.002U		<0.002U		<0.002U
C11 to C22 Aromatics	UG/L	-	-	-													
C19 to C36 Aliphatics	UG/L	-	-	-													
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-													
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-													
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-													
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-													
C9 to C18 Aliphatics	UG/L	-	700	-													
Cadmium	UG/L	-	2	-	<0.76U		<0.76U		<0.76U		<0.76U		0.95J		<0.76U		<0.76U
Carbon Disulfide	UG/L	-	700	-		<1U		<1U		<1U		<1U		<1U		<1U	
Carbon Tetrachloride	UG/L	-	0.3	-		<1U		<1U		<1U		<1U		<1U		<1U	
Chemical Oxygen Demand (COD)	MG/L	-	-	-													
Chloride	MG/L	-	250	-													
Chlorobenzene	UG/L	-	50	-		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	
Chlorobenzilate	UG/L	0.27	-	-	<3U		<3U		<3U		<3U		<3U		<3U		<3U
Chlorodibromomethane	UG/L	-	0.4	-		<1U		<1U		<1U		<1U		<1U		<1U	
Chloroform	UG/L	-	70	-		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	
Chloroprene	UG/L	0.016	-	-		<1U		<1U		<1U		<1U		<1U		<1U	
Chromium	UG/L	-	10	-	[16.2J]		<1.6U		[25J]		3.3J		5.9J		<1.6U		<1.6U
Chrysene	UG/L	-	5	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
cis-1,2 Dichloroethene	UG/L	-	70	-		<0.8U		<0.8U		<0.8U		<0.8U		2J		<0.8U	
cis-1,3-Dichloropropene	UG/L	-	-	-		<1U		<1U		<1U		<1U		<1U		<1U	
Cobalt	UG/L	-	-	1	<1.3U		<1.3U		<1.3U		<1.3U		[53.1]		[4.4J]		<1.3U
Copper	MG/L	-	1	-	<0.0027U		<0.0027U		<0.0027U		<0.0027U		0.0101J		<0.0027U		<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Diallate	UG/L	0.46	-	-	<1U		<1U		<1U		<1U		<1U		<1U		<1U
Dibenz(A,H)Anthracene	UG/L	-	0.005	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Dibenzofuran	UG/L	-	-	28	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Dichlorodifluoromethane	MG/L	-	1	-		<0.002U		<0.002U		<0.002U		<0.002U		<0.002U		<0.002U	
Diethyl Phthalate	MG/L	-	6	-	<0.002U		<0.002U		<0.002U		<0.002U		<0.002U		<0.002U		<0.002U
Diethylene Glycol	UG/L	-	-	-	<8000U		<8000U		<8000U		<8000U		<8000U		<8000U		<8000U
Dimethoate	UG/L	3.1	-	-	<3U		<3U		<3U		<3U		<3U		<3U		<3U
Dimethyl Phthalate	UG/L	-	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Dimethyl Terephthalate	UG/L	1400	-	-													
Diphenyl Ether	UG/L	-	-	100	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Ethyl Chloride	UG/L	-	3000	-		<1U		<1U		<1U		<1U		<1U		<1U	
Ethyl Methacrylate	UG/L	420	-	-		<1U		<1U		<1U		<1U		<1U		<1U	
Ethyl Methanesulfonate	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Ethylbenzene	UG/L	-	600	-		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	
Ethylene Glycol	MG/L	-	10	-	<8U		<8U		<8U		<8U		<8U		<8U		<8U
Fluoranthene	UG/L	-	300	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Fluorene	UG/L	-	300	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Fluoride	MG/L	-	2	-													

Notes:
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU13-TW-1	SWMU13-TW-1	SWMU13-TW-2	SWMU13-TW-2	SWMU13-TW-3	SWMU13-TW-3	SWMU13-TW-4	SWMU13-TW-4	SWMU13-TW-5	SWMU13-TW-5	SWMU13-TW-6	SWMU13-TW-6	SWMU13-TW-7
				Sample Date	10/24/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/24/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Hexachlorobenzene	UG/L	-	0.02	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Hexachlorobutadiene	UG/L	-	0.4	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Hexachlorocyclopentadiene	UG/L	22	-	-	<6U		<5U		<5U		<5U		<5U		<5U		<5U
Hexachloroethane	UG/L	0.79	-	-	<1U		<1U		<1U		<1U		<1U		<1U		<1U
Hexachloropropylene	UG/L	-	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Iodomethane	UG/L	-	-	-		<1U		<1U		<1U		<1U		<1U		<1U	
Iron	UG/L	-	300	-													
Isobutyl Alcohol	UG/L	4600	-	-		<100U		<100U		<100U		<100U		<100U		<100U	
Isodrin	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Isophorone	UG/L	-	40	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Isosafrole	UG/L	-	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Lead	UG/L	-	15	-	7.6		0.14J		4.2		0.15J		0.68J		0.13J		0.21J
Manganese	UG/L	-	50	-													
Mercury	UG/L	-	1	-	<0.06U		<0.06U		<0.06U		<0.06U		<0.06U		<0.06U		<0.06U
Meta- And Para-Xylene	UG/L	-	-	-													
Methacrylonitrile	UG/L	1.5	-	-		<10U		<10U		<10U		<10U		<10U		<10U	
Methanol	MG/L	-	4	-													
Methapyrilene	UG/L	-	-	-	<17U		<15U		<16U		<15U		<15U		<16U		<16U
Methyl Bromide	UG/L	7	-	10		<1U		<1U		<1U		<1U		<1U		<1U	
Methyl Chloride	UG/L	-	3	-		<1U		<1U		<1U		<1U		<1U		<1U	
Methyl Ethyl Ketone	MG/L	-	4	-		<0.003U		<0.003U		<0.003U		<0.003U		<0.003U		<0.003U	
Methyl Isobutyl Ketone	UG/L	-	-	100		<3U		<3U		<3U		<3U		<3U		<3U	
Methyl Methacrylate	UG/L	-	-	25		<1U		<1U		<1U		<1U		<1U		<1U	
Methyl Methanesulfonate	UG/L	0.68	-	-	<1U		<1U		<1U		<1U		<1U		<1U		<1U
Methyl Tertiary Butyl Ether	UG/L	-	20	-													
Methylene Bromide	UG/L	-	-	70		<1U		<1U		<1U		<1U		<1U		<1U	
Methylene Chloride	UG/L	-	5	-		<2U		<2U		<2U		<2U		<2U		<2U	
N-Dioctyl Phthalate	UG/L	-	100	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
N-Nitrosodiethylamine	UG/L	0.00014	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
N-Nitrosodimethylamine	UG/L	-	0.0007	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
N-Nitrosodiphenylamine	UG/L	10	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
N-Nitrosomorpholine	UG/L	0.01	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
N-Nitrosopiperidine	UG/L	0.0071	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
N-Nitrosopyrrolidine	UG/L	0.032	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Naphthalene	UG/L	-	6	-	<0.1U		<0.1U		0.2J		<0.1U		<0.1U		<0.1U		<0.1U
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-													
Nickel	UG/L	-	100	-	<1.5U		<1.5U		3.1J		<1.5U		78.2		7.2J		<1.5U
Nitrate	MG/L	-	10	-													
Nitrobenzene	UG/L	0.12	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
O,O,O-Triethylphosphorothioate	UG/L	-	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
O-Toluidine	UG/L	-	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Ortho-Xylene	UG/L	190	-	-													
para-Phenylenediamine	UG/L	3000	-	-	<85U		<76U		<78U		<76U		<76U		<78U		<78U
Pentachlorobenzene	UG/L	2.3	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Pentachloroethane	UG/L	0.56	-	-		<1U		<1U		<1U		<1U		<1U		<1U	
Pentachloronitrobenzene	UG/L	0.1	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Pentachlorophenol	UG/L	-	0.3	-	<1U		<1U		<1U		<1U		<1U		<1U		<1U
Ph	STD UNITS	-	-	-													
Phenacetin	UG/L	30	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Phenanthrene	UG/L	-	200	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Phenol	UG/L	-	30	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Pronamide	UG/L	900	-	-	<0.6U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U		<0.5U
Propionitrile	UG/L	-	-	-		<30U		<30U		<30U		<30U		<30U		<30U	
Propylene Glycol	UG/L	-	-	140000	<8000U		<8000U		<8000U		<8000U		<8000U		<8000U		<8000U
Pyrene	UG/L	-	200	-	<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U		<0.1U
Pyridine	UG/L	15	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Safrole	UG/L	0.083	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Selenium	UG/L	-	20	-	<0.5U		3.6J		<0.5U		<0.5U		0.97J		1.8J		<0.5UJ
Silver	UG/L	-	20	-	<2.1U		<2.1U		<2.1U		<2.1U		<2.1U		<2.1U		<2.1U
Styrene	UG/L	-	70	-		<1U		<1U		<1U		<1U		<1U		<1U	
Sulfate	MG/L	-	250	-													
Terephthalic Acid	UG/L	15000	-	-													
Tetrachloroethene	UG/L	-	0.7	-		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	

Notes:
UG/L= Micrograms per Liter
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU13-TW-1	SWMU13-TW-1	SWMU13-TW-2	SWMU13-TW-2	SWMU13-TW-3	SWMU13-TW-3	SWMU13-TW-4	SWMU13-TW-4	SWMU13-TW-5	SWMU13-TW-5	SWMU13-TW-6	SWMU13-TW-6	SWMU13-TW-7
				Sample Date	10/24/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/23/2013	11/14/2013	10/24/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-	<1U		<1U		<1U		<1U		<1U		<1U		<1U
Thallium	UG/L	-	-	0.2	<0.15U		<0.15U		<0.15U		<0.15U		0.16J		<0.15U		<0.15U
Thionazin	UG/L	-	-	-	<2U		<2U		<2U		<2U		<2U		<2U		<2U
Tin	UG/L	-	-	2000	<2.9U		<2.9U		<2.9U		<2.9U		<2.9U		<2.9U		<2.9U
Toluene	UG/L	-	600	-		<0.7U		<0.7U		<0.7U		0.8J		0.8J		<0.7U	
Total Dissolved Solids	MG/L	-	500	-													
Total Organic Carbon	MG/L	-	-	-													
Total Organic Halogen	UG/L	-	-	-													
Total Suspended Solids	MG/L	-	-	-													
trans-1,2-Dichloroethene	UG/L	-	100	-		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	
trans-1,3-Dichloropropene	UG/L	-	-	-		<1U		<1U		<1U		<1U		<1U		<1U	
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-		<15U		<15U		<15U		<15U		<15U		<15U	
Trichloroethene	UG/L	-	3	-		<1U		<1U		<1U		<1U		[20]		<1U	
Trichlorofluoromethane	MG/L	-	2	-		<0.002U		<0.002U		<0.002U		<0.002U		<0.002U		<0.002U	
Triethylene Glycol	UG/L	-	-	-	<8000U		<8000U		<8000U		<8000U		<8000U		<8000U		<8000U
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-													
Vanadium	UG/L	-	-	0.3	[9J]		<2U		[11.8]		<2U		<2U		<2U		<2U
Vinyl Acetate	UG/L	-	-	88		<2U		<2U		<2U		<2U		<2U		<2U	
Vinyl Chloride	UG/L	-	0.03	-		<0.010U		<0.010U		<0.010U		<0.010U		0.018J		<0.010U	
Xylenes	UG/L	-	500	-		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U		<0.8U	
Zinc	MG/L	-	1	-	0.0110J		<0.0020U		0.0187J		0.0092J		0.437		0.0057J		<0.0020U

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Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU13-TW-7	SWMU14-TW-1	SWMU14-TW-2	SWMU14-TW-3	SWMU14-TW-4	SWMU14-TW-5	SWMU14-TW-5	SWMU51-TW-1	SWMU51-TW-2	SWMU56-TW-1	SWMU56-TW-2	SWMU56-TW-3	SWMU59-TW-1
				Sample Date	11/14/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/18/2013	10/18/2013	10/16/2013	10/16/2013	10/16/2013	10/18/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
1,1,1,2-Tetrachloroethane	UG/L	-	-	1	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
1,1,1-Trichloroethane	UG/L	-	200	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
1,1,2-Trichloroethane	UG/L	-	-	0.6	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
1,1-Dichloroethane	UG/L	-	6	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
1,1-Dichloroethene	UG/L	-	7	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
1,2,3-Trichloropropane	UG/L	-	0.005	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
1,2,4-Trichlorobenzene	UG/L	-	70	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
1,2-Dichlorobenzene	UG/L	-	20	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
1,2-Dichloroethane	UG/L	-	0.4	-	<1U	<1U	<1U	<1U	<1U	<1U	[1J]	<1U	<1U	<1U	<1U	<1U	
1,2-Dichloropropane	UG/L	-	0.6	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
1,2-Diphenylhydrazine	UG/L	0.067	-	-		<0.5U	<0.5U	<0.5U	[0.8J]	[4J]	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
1,3,5-Trinitrobenzene	UG/L	460	-	-		<5U	<5U	<5U	<5U	<5U	<5U	<5UJ	<5UJ	<5U	<5U	<5U	
1,3-Dichlorobenzene	UG/L	-	200	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
1,3-Dinitrobenzene	UG/L	1.5	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
1,4-Dichlorobenzene	UG/L	-	6	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
1,4-Dioxane	UG/L	-	3	-		1J	[4J]	[58]	[16]	1J	1J	<1U	<1U	<1U	<1U	<1U	
1,4-Naphthoquinone	UG/L	-	-	-		<10R	<10U	<10U	<10U	<10U	<10U	<10R	<10R	<10U	<10U	<10U	
1-Naphthylamine	UG/L	-	-	-		<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2,4,5-Trichlorophenol	UG/L	-	-	63		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2,4,6-Trichlorophenol	UG/L	-	-	4		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2,4-Dichlorophenol	UG/L	-	-	0.98		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2,4-Dimethylphenol	UG/L	-	100	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2,4-Dinitrophenol	UG/L	30	-	-		<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	
2,4-Dinitrotoluene	UG/L	-	-	0.1		<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
2,6-Dichlorophenol	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2,6-Dinitrotoluene	UG/L	0.042	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2-Acetylaminofluorene	UG/L	0.013	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
2-Chloronaphthalene	UG/L	550	-	-		<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	
2-Chlorophenol	UG/L	-	0.4	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2-Hexanone	UG/L	-	-	40	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	
2-Methylnaphthalene	UG/L	-	30	-		<0.1U	<0.1U	<0.1U	<0.1U	0.5J	0.5J	<0.57U	<0.57U	<0.57U	<0.57U	<6.0U	
2-Methylphenol (O-Cresol)	UG/L	-	-	400		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2-Naphthylamine	UG/L	0.033	-	-		<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	
2-Nitroaniline	UG/L	150	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2-Nitrophenol	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
2-Picoline	UG/L	-	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
3,3'-Dichlorobenzidine	UG/L	0.11	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-		<25U	<25U	<26U	<25U	<26U	<25U	<26U	<25U	<25U	<25U	<25U	
3-Methylcholanthrene	UG/L	0.00098	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
3-Nitroaniline	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-		<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	
4-Aminobiphenyl	UG/L	0.0026	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4-Bromophenyl Phenyl Ether	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4-Chloro-3-Methylphenol	UG/L	1100	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4-Chloroaniline	UG/L	0.32	-	-		<0.5U	<0.5U	<0.5U	[0.6J]	[0.6J]	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4-Methylphenol (P-Cresol)	UG/L	-	40	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4-Nitroaniline	UG/L	3.3	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
4-Nitrophenol	UG/L	-	-	-		<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	
4-Nitroquinoline-N-Oxide	UG/L	-	-	-		<20U	<20U	<20U	<20U	<20U	<20U	<20U	<20U	<20U	<20U	<20U	
5-Nitro-Ortho-Toluidine	UG/L	7	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Acenaphthene	UG/L	-	80	-		<0.1U	<0.1U	<0.1U	0.3J	0.8	0.7	<0.57U	<0.57U	<0.57U	<0.57U	<6.0U	
Acenaphthylene	UG/L	-	200	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.66U	<0.67U	<0.67U	<0.67U	<7.0U	
Acetaldehyde	UG/L	2.2	-	-		<50U	<50U	<50U	<50U	<50U	[50J]						
Acetone	MG/L	-	6	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	
Acetonitrile	UG/L	130	-	-	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	
Acetophenone	UG/L	-	-	700		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Acrolein	UG/L	-	-	4		<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	
Acrylonitrile	UG/L	0.045	-	-		<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-													

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU13-TW-7	SWMU14-TW-1	SWMU14-TW-2	SWMU14-TW-3	SWMU14-TW-4	SWMU14-TW-5	SWMU14-TW-5	SWMU51-TW-1	SWMU51-TW-2	SWMU56-TW-1	SWMU56-TW-2	SWMU56-TW-3	SWMU59-TW-1
				Sample Date	11/14/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/18/2013	10/18/2013	10/16/2013	10/16/2013	10/16/2013	10/18/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Alkalinity, Total	MG CACO3/L	-	-	-													
Allyl Chloride	UG/L	0.63	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-		<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	
Aniline	UG/L	12	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Anthracene	MG/L	-	2	-		<0.0001U	<0.0001U	<0.0001U	<0.0001U	<0.0001U	<0.0001U	<0.00057U	<0.00057U	<0.00057U	<0.00057U	<0.006U	
Antimony	UG/L	-	-	1		<5.3U	<5.3U	<5.3U	<5.3U	<5.3U	<5.3U			[11.9J]	<5.3U	<5.3U	
Aramite	UG/L	1.1	-	-		<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	
Arsenic	UG/L	-	10	-		7.7	4.6	0.49J	[21.2]	2J	1.8J			3.4J	<0.42U	1.2J	
Barium	UG/L	-	700	-		4.3J	9.1J	13.6	13.3	9.1J	8.9J			60.4	17.6	40.5	
Benzene	UG/L	-	1	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<2.00U	<2.00U	<2.00U	<2.00U	<2.00U	
Benzo(A)Anthracene	UG/L	-	0.05	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.66U	<0.67U	[0.2J]	<0.67U	<7.0U	
Benzo(B)Fluoranthene	UG/L	-	0.05	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.57U	<0.57U	[0.3J]	<0.57U	<6.0U	
Benzo(G,H,I)Perylene	UG/L	-	200	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.57U	<0.57U	<0.57U	<0.57U	<6.0U	
Benzo(K)Fluoranthene	UG/L	-	0.5	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.85U	<0.86U	<0.86U	<0.86U	<9.0U	
Benzo(A)Pyrene	UG/L	-	0.005	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.57U	<0.57U	[0.1J]	<0.57U	<6.0U	
Benzyl Alcohol	UG/L	-	-	700		<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	
Beryllium	UG/L	-	-	4		<0.67U	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U			1.3J	<0.67U	<0.67U	
Biphenyl	UG/L	-	400	-		[470]	<0.5U	<0.5U	<0.5U	[1100]	[1200]	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	230
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Bromodichloromethane	UG/L	-	0.6	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Bromoform	UG/L	-	4	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Butyl Benzyl Phthalate	MG/L	-	1	-		<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	
C11 to C22 Aromatics	UG/L	-	-	-								<38U	<38U	<38U	<38U	<400U	
C19 to C36 Aliphatics	UG/L	-	-	-								<47U	<48U	<48U	<48U	<500U	
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-								<50.0U	<50.0U	<50.0U	<50.0U	<50.0U	
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-								<50.0U	<50.0U	<50.0U	<50.0U	<50.0U	
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-								<20.0U	<20.0U	<20.0U	<20.0U	<20.0U	
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-								<50.0U	<50.0U	<50.0U	<50.0U	<50.0U	
C9 to C18 Aliphatics	UG/L	-	700	-								<28U	<29U	<29U	<29U	<300U	
Cadmium	UG/L	-	2	-		<0.76U	<0.76U	<0.76U	2J	<0.76U	<0.76U			[2.9J]	<0.76U	<0.76U	
Carbon Disulfide	UG/L	-	700	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Carbon Tetrachloride	UG/L	-	0.3	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Chemical Oxygen Demand (COD)	MG/L	-	-	-													
Chloride	MG/L	-	250	-													
Chlorobenzene	UG/L	-	50	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
Chlorobenzilate	UG/L	0.27	-	-		<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	
Chlorodibromomethane	UG/L	-	0.4	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Chloroform	UG/L	-	70	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
Chloroprene	UG/L	0.016	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Chromium	UG/L	-	10	-		<1.6U	<1.6U	<1.6U	<1.6U	<1.6U	<1.6U			[64.2]	<1.6U	1.6J	
Chrysene	UG/L	-	5	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.47U	<0.48U	0.2J	<0.48U	<5.0U	
cis-1,2 Dichloroethene	UG/L	-	70	-	<0.8U	<0.8U	<0.8U	<0.8U	2J	<0.8U	<0.8U	<0.8U	<0.8U	1J	<0.8U	<0.8U	
cis-1,3-Dichloropropene	UG/L	-	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Cobalt	UG/L	-	-	1		<1.3U	<1.3U	<1.3U	<1.3U	<1.3U	<1.3U			[41.4]	<1.3U	[2J]	
Copper	MG/L	-	1	-		<0.0027U	<0.0027U	<0.0027U	<0.0027U	<0.0027U	<0.0027U			0.134	<0.0027U	<0.0027U	
Di-N-Butyl Phthalate	UG/L	-	700	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Diallate	UG/L	0.46	-	-		<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Dibenz(A,H)Anthracene	UG/L	-	0.005	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.47U	<0.48U	<0.48U	<0.48U	<5.0U	
Dibenzofuran	UG/L	-	-	28		1	<0.5U	<0.5U	1J	3	3	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Dichlorodifluoromethane	MG/L	-	1	-	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	
Diethyl Phthalate	MG/L	-	6	-		<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	
Diethylene Glycol	UG/L	-	-	-		<8000U	<8000U	<8000U	<8000U	<8000U	<8000U						
Dimethoate	UG/L	3.1	-	-		<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	
Dimethyl Phthalate	UG/L	-	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Dimethyl Terephthalate	UG/L	1400	-	-													
Diphenyl Ether	UG/L	-	-	100		[4400]	<0.5U	<0.5U	[830]	[4700]	[4900]	6	7	<0.5U	<0.5U	<0.5U	[1800]
Ethyl Chloride	UG/L	-	3000	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Ethyl Methacrylate	UG/L	420	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Ethyl Methanesulfonate	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Ethylbenzene	UG/L	-	600	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<2.00U	<2.00U	<2.00U	<2.00U	<2.00U	
Ethylene Glycol	MG/L	-	10	-		<8U	<8U	<8U	<8U	<8U	<8U						
Fluoranthene	UG/L	-	300	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.47U	<0.48U	0.3J	<0.48U	<5.0U	
Fluorene	UG/L	-	300	-		<0.1U	<0.1U	<0.1U	0.2J	0.5	0.4J	<0.57U	<0.57U	<0.57U	<0.57U	<6.0U	
Fluoride	MG/L	-	2	-													

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU13-TW-7	SWMU14-TW-1	SWMU14-TW-2	SWMU14-TW-3	SWMU14-TW-4	SWMU14-TW-5	SWMU14-TW-5	SWMU51-TW-1	SWMU51-TW-2	SWMU56-TW-1	SWMU56-TW-2	SWMU56-TW-3	SWMU59-TW-1
				Sample Date	11/14/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/18/2013	10/18/2013	10/16/2013	10/16/2013	10/16/2013	10/18/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Hexachlorobenzene	UG/L	-	0.02	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	
Hexachlorobutadiene	UG/L	-	0.4	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Hexachlorocyclopentadiene	UG/L	22	-	-		<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	
Hexachloroethane	UG/L	0.79	-	-		<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Hexachloropropylene	UG/L	-	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.57U	<0.57U	<0.57U	<0.57U	<6.0U	
Iodomethane	UG/L	-	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Iron	UG/L	-	300	-													
Isobutyl Alcohol	UG/L	4600	-	-	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	
Isodrin	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Isophorone	UG/L	-	40	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Isosafrole	UG/L	-	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Lead	UG/L	-	15	-		0.13J	0.12J	<0.085U	0.35J	0.16J	0.097J			[26.1]	0.31J	2.5	
Manganese	UG/L	-	50	-													
Mercury	UG/L	-	1	-		<0.06U	<0.06U	<0.06U	<0.06U	<0.06U	<0.06U			<0.06U	<0.06U	<0.06U	
Meta- And Para-Xylene	UG/L	-	-	-								<5.00U	<5.00U	<5.00U	<5.00U	<5.00U	
Methacrylonitrile	UG/L	1.5	-	-	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	
Methanol	MG/L	-	4	-													
Methapyrilene	UG/L	-	-	-		<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	
Methyl Bromide	UG/L	7	-	10	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Methyl Chloride	UG/L	-	3	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Methyl Ethyl Ketone	MG/L	-	4	-	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	
Methyl Isobutyl Ketone	UG/L	-	-	100	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	
Methyl Methacrylate	UG/L	-	-	25	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Methyl Methanesulfonate	UG/L	0.68	-	-		<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Methyl Tertiary Butyl Ether	UG/L	-	20	-								<2.00U	<2.00U	<2.00U	<2.00U	<2.00U	
Methylene Bromide	UG/L	-	-	70	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Methylene Chloride	UG/L	-	5	-	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
N-Dioctyl Phthalate	UG/L	-	100	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
N-Nitrosodiethylamine	UG/L	0.00014	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
N-Nitrosodimethylamine	UG/L	-	0.0007	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
N-Nitrosodiphenylamine	UG/L	10	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
N-Nitrosomorpholine	UG/L	0.01	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
N-Nitrosopiperidine	UG/L	0.0071	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
N-Nitrosopyrrolidine	UG/L	0.032	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Naphthalene	UG/L	-	6	-		0.3B	<0.1U	<0.1U	<0.1U	[12]	[11]	<3.00U	<3.00U	<3.00U	<3.00U	<6.0U	
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-								<50.0U	<50.0U	<50.0U	<50.0U	<50.0U	
Nickel	UG/L	-	100	-		<1.5U	<1.5U	2.6J	<1.5U	<1.5U	<1.5U			92.6	1.5J	8.2J	
Nitrate	MG/L	-	10	-													
Nitrobenzene	UG/L	0.12	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
O,O,O-Triethylphosphorothioate	UG/L	-	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
O-Toluidine	UG/L	-	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Ortho-Xylene	UG/L	190	-	-								<2.00U	<2.00U	<2.00U	<2.00U	<2.00U	
para-Phenylenediamine	UG/L	3000	-	-		<76U	<76U	<77U	<76U	<77U	<76U	<77U	<76U	<76U	<76U	<76U	
Pentachlorobenzene	UG/L	2.3	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Pentachloroethane	UG/L	0.56	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Pentachloronitrobenzene	UG/L	0.1	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Pentachlorophenol	UG/L	-	0.3	-		<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Ph	STD UNITS	-	-	-													
Phenacetin	UG/L	30	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Phenanthrene	UG/L	-	200	-		<0.1U	<0.1U	<0.1U	<0.1U	0.3J	0.2J	<0.57U	<0.57U	0.1J	<0.57U	<6.0U	
Phenol	UG/L	-	30	-		[39J]	<0.5U	<0.5U	7	18	19	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Pronamide	UG/L	900	-	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	
Propionitrile	UG/L	-	-	-	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	
Propylene Glycol	UG/L	-	-	140000		<8000U	<8000U	<8000U	<8000U	<8000U	<8000U						
Pyrene	UG/L	-	200	-		<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<3.8U	<3.8U	0.3J	<3.8U	<40U	
Pyridine	UG/L	15	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Safrole	UG/L	0.083	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Selenium	UG/L	-	20	-		<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U			2.6J	<0.5U	0.57J	
Silver	UG/L	-	20	-		<2.1U	<2.1U	<2.1U	<2.1U	<2.1U	<2.1U			<2.1U	<2.1U	<2.1U	
Styrene	UG/L	-	70	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Sulfate	MG/L	-	250	-													
Terephthalic Acid	UG/L	15000	-	-													
Tetrachloroethene	UG/L	-	0.7	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	[4J]	[4J]	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	

Notes:
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Highlighted Values in Brackets Exceed Screening Criteria

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2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU13-TW-7	SWMU14-TW-1	SWMU14-TW-2	SWMU14-TW-3	SWMU14-TW-4	SWMU14-TW-5	SWMU14-TW-5	SWMU51-TW-1	SWMU51-TW-2	SWMU56-TW-1	SWMU56-TW-2	SWMU56-TW-3	SWMU59-TW-1
				Sample Date	11/14/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/18/2013	10/18/2013	10/16/2013	10/16/2013	10/16/2013	10/18/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013													
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-		<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
Thallium	UG/L	-	-	0.2		<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U			0.16J	<0.15U	<0.15U	
Thionazin	UG/L	-	-	-		<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Tin	UG/L	-	-	2000		<2.9U	<2.9U	<2.9U	<2.9U	<2.9U	<2.9U			<2.9U	<2.9U	<2.9U	
Toluene	UG/L	-	600	-	<0.7U	<0.7U	<0.7U	<0.7U	<0.7U	<0.7U	<0.7U	<2.00U	<2.00U	<2.00U	<2.00U	<2.00U	
Total Dissolved Solids	MG/L	-	500	-													
Total Organic Carbon	MG/L	-	-	-													
Total Organic Halogen	UG/L	-	-	-													
Total Suspended Solids	MG/L	-	-	-													
trans-1,2-Dichloroethene	UG/L	-	100	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
trans-1,3-Dichloropropene	UG/L	-	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	
Trichloroethene	UG/L	-	3	-	<1U	<1U	<1U	<1U	<1U	1J	1J	<1U	<1U	[4J]	<1U	<1U	
Trichlorofluoromethane	MG/L	-	2	-	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	0.004J	0.004J	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	
Triethylene Glycol	UG/L	-	-	-		<8000U	<8000U	<8000U	<8000U	<8000U	<8000U						
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-								<38U	<38U	<38U	<38U	<400U	
Vanadium	UG/L	-	-	0.3		<2U	<2U	<2U	<2U	<2U	<2U			[18.2]	<2U	[8J]	
Vinyl Acetate	UG/L	-	-	88	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	
Vinyl Chloride	UG/L	-	0.03	-	[2.5]	<0.010U	<0.010U	<0.010U	[0.039J]	[0.27]	[0.28]	<0.010U	<0.010U	[0.052]	<0.010U	<0.010U	
Xylenes	UG/L	-	500	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
Zinc	MG/L	-	1	-		<0.0020U	<0.0020U	0.0093J	0.0075J	<0.0020U	<0.0020U			0.757	0.0498	0.0094J	

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
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R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU60-TW-1	SWMU61-TW-1	SWMU61-TW-2	SWMU61-TW-3	SWMU61-TW-4	SWMU64-TW-1	SWMU64-TW-2	SWMU82-TW-1	SWMU82-TW-2	SWMU82-TW-3	UNIT2-TW-1	UNIT2-TW-1
				Sample Date	10/22/2013	10/21/2013	10/21/2013	10/22/2013	10/22/2013	10/15/2013	10/15/2013	10/16/2013	10/16/2013	10/16/2013	10/18/2013	10/18/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC 2013												
1,1,1,2-Tetrachloroethane	UG/L	-	-	1						<1U	<1U	<1U	<1U	<1U	<1U	
1,1,1-Trichloroethane	UG/L	-	200	-						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-						<1U	<1U	<1U	<1U	<1U	<1U	
1,1,2-Trichloroethane	UG/L	-	-	0.6						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
1,1-Dichloroethane	UG/L	-	6	-						<1U	<1U	<1U	<1U	<1U	<1U	
1,1-Dichloroethene	UG/L	-	7	-						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
1,2,3-Trichloropropane	UG/L	-	0.005	-						<1U	<1U	<1U	<1U	<1U	<1U	
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2						<0.5U	<0.5U				<0.5U	
1,2,4-Trichlorobenzene	UG/L	-	70	-						<0.5U	<0.5U				<0.5U	
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-						<2U	<2U	<2U	<2U	<2U	<2U	
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-						<1U	<1U	<1U	<1U	<1U	<1U	
1,2-Dichlorobenzene	UG/L	-	20	-						<0.5U	<0.5U				<0.5U	
1,2-Dichloroethane	UG/L	-	0.4	-						<1U	<1U	<1U	<1U	<1U	<1U	
1,2-Dichloropropane	UG/L	-	0.6	-						<1U	<1U	<1U	<1U	<1U	<1U	
1,2-Diphenylhydrazine	UG/L	0.067	-	-						<0.5U	<0.5U				<0.5U	
1,3,5-Trinitrobenzene	UG/L	460	-	-						<5U	<5U				<5UJ	
1,3-Dichlorobenzene	UG/L	-	200	-						<0.5U	<0.5U				<0.5U	
1,3-Dinitrobenzene	UG/L	1.5	-	-						<2U	<2U				<2U	
1,4-Dichlorobenzene	UG/L	-	6	-						<0.5U	<0.5U				<0.5U	
1,4-Dioxane	UG/L	-	3	-						2J	<1U	[4J]	<1U	[6]	<1U	
1,4-Naphthoquinone	UG/L	-	-	-						<10R	<10R				<10R	
1-Naphthylamine	UG/L	-	-	-						<5U	<5U				<5U	
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-						<0.5U	<0.5U				<0.5U	
2,4,5-Trichlorophenol	UG/L	-	-	63						<0.5U	<0.5U				<0.5U	
2,4,6-Trichlorophenol	UG/L	-	-	4						<0.5U	<0.5U				<0.5U	
2,4-Dichlorophenol	UG/L	-	-	0.98						<0.5U	<0.5U				<0.5U	
2,4-Dimethylphenol	UG/L	-	100	-						<0.5U	<0.5U				<0.5U	
2,4-Dinitrophenol	UG/L	30	-	-						<10U	<10U				<10U	
2,4-Dinitrotoluene	UG/L	-	-	0.1						<1U	<1U				<1U	
2,6-Dichlorophenol	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
2,6-Dinitrotoluene	UG/L	0.042	-	-						<0.5U	<0.5U				<0.5U	
2-Acetylaminofluorene	UG/L	0.013	-	-						<2U	<2U				<2U	
2-Chloronaphthalene	UG/L	550	-	-						<0.4U	<0.4U				<0.4U	
2-Chlorophenol	UG/L	-	0.4	-						<0.5U	<0.5U				<0.5U	
2-Hexanone	UG/L	-	-	40						<3U	<3U	<3U	<3U	<3U	<3U	
2-Methylnaphthalene	UG/L	-	30	-						<0.57U	<0.57U				<0.57U	
2-Methylphenol (O-Cresol)	UG/L	-	-	400						<0.5U	<0.5U				<0.5U	
2-Naphthylamine	UG/L	0.033	-	-						<5U	<5U				<5U	
2-Nitroaniline	UG/L	150	-	-						<0.5U	<0.5U				<0.5U	
2-Nitrophenol	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
2-Picoline	UG/L	-	-	-						<2U	<2U				<2U	
3,3'-Dichlorobenzidine	UG/L	0.11	-	-						<2U	<2U				<2U	
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-						<25U	<26U				<25U	
3-Methylcholanthrene	UG/L	0.00098	-	-						<0.5U	<0.5U				<0.5U	
3-Nitroaniline	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-						<5U	<5U				<5U	
4-Aminobiphenyl	UG/L	0.0026	-	-						<0.5U	<0.5U				<0.5U	
4-Bromophenyl Phenyl Ether	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
4-Chloro-3-Methylphenol	UG/L	1100	-	-						<0.5U	<0.5U				<0.5U	
4-Chloroaniline	UG/L	0.32	-	-						<0.5U	<0.5U				<0.5U	
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-						<0.5U	<0.5U				<0.5U	
4-Methylphenol (P-Cresol)	UG/L	-	40	-						<0.5U	<0.5U				<0.5U	
4-Nitroaniline	UG/L	3.3	-	-						<0.5U	<0.5U				<0.5U	
4-Nitrophenol	UG/L	-	-	-						<10U	<10U				<10U	
4-Nitroquinoline-N-Oxide	UG/L	-	-	-						<20U	<21U				<20U	
5-Nitro-Ortho-Toluidine	UG/L	7	-	-						<0.5U	<0.5U				<0.5U	
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-						<0.5U	<0.5U				<0.5U	
Acenaphthene	UG/L	-	80	-						<0.57U	<0.57U				<0.57U	
Acenaphthylene	UG/L	-	200	-						<0.67U	<0.67U				<0.67U	
Acetaldehyde	UG/L	2.2	-	-											[71J]	
Acetone	MG/L	-	6	-						<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	
Acetonitrile	UG/L	130	-	-						<25U	<25U	<25U	<25U	<25U	<25U	
Acetophenone	UG/L	-	-	700						<0.5U	<0.5U				<0.5U	
Acrolein	UG/L	-	-	4						<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ
Acrylonitrile	UG/L	0.045	-	-						<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-												

Notes:
UG/L= Micrograms per Liter
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Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU60-TW-1	SWMU61-TW-1	SWMU61-TW-2	SWMU61-TW-3	SWMU61-TW-4	SWMU64-TW-1	SWMU64-TW-2	SWMU82-TW-1	SWMU82-TW-2	SWMU82-TW-3	UNIT2-TW-1	UNIT2-TW-1
				Sample Date	10/22/2013	10/21/2013	10/21/2013	10/22/2013	10/22/2013	10/15/2013	10/15/2013	10/16/2013	10/16/2013	10/16/2013	10/18/2013	10/18/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC 2013												
Alkalinity, Total	MG CACO3/L	-	-	-												
Allyl Chloride	UG/L	0.63	-	-						<1U	<1U	<1U	<1U	<1U	<1U	
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-						<5U	<5U				<5U	
Aniline	UG/L	12	-	-						<0.5U	<0.5U				<0.5U	
Anthracene	MG/L	-	2	-						<0.00057U	<0.00057U				<0.00057U	
Antimony	UG/L	-	-	1						<5.3U	<5.3U	<5.3U	<5.3U	<5.3U	<5.3U	
Aramite	UG/L	1.1	-	-						<5U	<5U				<5U	
Arsenic	UG/L	-	10	-						0.9J	<0.78U	2.1J	0.95J	3J	<0.78U	
Barium	UG/L	-	700	-						36	30.3	56.2	17.6	29.1	39.3	
Benzene	UG/L	-	1	-						<2.00U	<2.00U	<0.5U	<0.5U	<0.5U	<2.00U	
Benzo(A)Anthracene	UG/L	-	0.05	-						<0.67U	<0.67U				<0.67U	
Benzo(B)Fluoranthene	UG/L	-	0.05	-						<0.57U	<0.57U				<0.57U	
Benzo(G,H,I)Perylene	UG/L	-	200	-						<0.57U	<0.57U				<0.57U	
Benzo(K)Fluoranthene	UG/L	-	0.5	-						<0.86U	<0.86U				<0.86U	
Benzo(A)Pyrene	UG/L	-	0.005	-						<0.57U	<0.57U				<0.57U	
Benzyl Alcohol	UG/L	-	-	700						<5U	<5U				<5U	
Beryllium	UG/L	-	-	4						<0.67U	2.2J	<0.67U	<0.67U	<0.67U	<0.67U	
Biphenyl	UG/L	-	400	-	[1600]	<0.6U	<0.6U	<0.5U	<0.5U	<0.5U	<0.5U				<0.5U	
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-						<0.5U	<0.5U				<0.5U	
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-						<0.5U	<0.5U				<0.5U	
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-						<2U	<2U				<2U	
Bromodichloromethane	UG/L	-	0.6	-						<1U	<1U	<1U	<1U	<1U	<1U	
Bromoform	UG/L	-	4	-						<1U	<1U	<1U	<1U	<1U	<1U	
Butyl Benzyl Phthalate	MG/L	-	1	-						<0.002U	<0.002U				<0.002U	
C11 to C22 Aromatics	UG/L	-	-	-						<38U	<38U				<38U	
C19 to C36 Aliphatics	UG/L	-	-	-						<48U	<48U				<48U	
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-						<50.0U	<50.0U				<50.0U	
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-						<50.0U	<50.0U				<50.0U	
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-						<20.0U	<20.0U				<20.0U	
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-						<50.0U	<50.0U				<50.0U	
C9 to C18 Aliphatics	UG/L	-	700	-						<29U	<29U				<29U	
Cadmium	UG/L	-	2	-						<0.76U	1.2J	<0.76U	<0.76U	<0.76U	<0.76U	
Carbon Disulfide	UG/L	-	700	-						<1U	<1U	<1U	<1U	<1U	<1U	
Carbon Tetrachloride	UG/L	-	0.3	-						<1U	<1U	<1U	<1U	<1U	<1U	
Chemical Oxygen Demand (COD)	MG/L	-	-	-												
Chloride	MG/L	-	250	-												
Chlorobenzene	UG/L	-	50	-						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
Chlorobenzilate	UG/L	0.27	-	-						<3U	<3U				<3U	
Chlorodibromomethane	UG/L	-	0.4	-						<1U	<1U	<1U	<1U	<1U	<1U	
Chloroform	UG/L	-	70	-						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
Chloroprene	UG/L	0.016	-	-						<1U	<1U	<1U	<1U	<1U	<1U	
Chromium	UG/L	-	10	-						3.2J	2.8J	[10.4J]	<1.6U	1.8J	1.9J	
Chrysene	UG/L	-	5	-						<0.48U	<0.48U				<0.48U	
cis-1,2 Dichloroethene	UG/L	-	70	-						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	1J	
cis-1,3-Dichloropropene	UG/L	-	-	-						<1U	<1U	<1U	<1U	<1U	<1U	
Cobalt	UG/L	-	-	1						[7.1J]	[33.6]	<1.3U	<1.3U	<1.3U	[3.4J]	
Copper	MG/L	-	1	-						<0.0027U	0.0237	<0.0027U	<0.0027U	<0.0027U	0.0174J	
Di-N-Butyl Phthalate	UG/L	-	700	-						<2U	<2U				<2U	
Diallate	UG/L	0.46	-	-						<1U	<1U				<1U	
Dibenz(A,H)Anthracene	UG/L	-	0.005	-						<0.48U	<0.48U				<0.48U	
Dibenzofuran	UG/L	-	-	28						<0.5U	<0.5U				<0.5U	
Dichlorodifluoromethane	MG/L	-	1	-						<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	
Diethyl Phthalate	MG/L	-	6	-						<0.002U	<0.002U				<0.002U	
Diethylene Glycol	UG/L	-	-	-						<8000U	<8000U				<8000U	
Dimethoate	UG/L	3.1	-	-						<3U	<3U				<3U	
Dimethyl Phthalate	UG/L	-	-	-						<2U	<2U				<2U	
Dimethyl Terephthalate	UG/L	1400	-	-												
Diphenyl Ether	UG/L	-	-	100	[6800]	<0.6U	<0.6U	<0.5U	0.8J	<0.5U	<0.5U				<0.5U	
Ethyl Chloride	UG/L	-	3000	-						<1U	<1U	<1U	<1U	<1U	<1U	
Ethyl Methacrylate	UG/L	420	-	-						<1U	<1U	<1U	<1U	<1U	<1U	
Ethyl Methanesulfonate	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
Ethylbenzene	UG/L	-	600	-						<2.00U	<2.00U	<0.8U	<0.8U	<0.8U	<2.00U	
Ethylene Glycol	MG/L	-	10	-						<8U	<8U				<8U	
Fluoranthene	UG/L	-	300	-						<0.48U	<0.48U				<0.48U	
Fluorene	UG/L	-	300	-						<0.57U	<0.57U				<0.57U	
Fluoride	MG/L	-	2	-												

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				Sample Date	10/22/2013	10/21/2013	10/21/2013	10/22/2013	10/22/2013	10/15/2013	10/15/2013	10/16/2013	10/16/2013	10/16/2013	10/18/2013	10/18/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC 2013												
Hexachlorobenzene	UG/L	-	0.02	-						<0.1U	<0.1U				<0.1U	
Hexachlorobutadiene	UG/L	-	0.4	-						<0.5U	<0.5U				<0.5U	
Hexachlorocyclopentadiene	UG/L	22	-	-						<5U	<5U				<5U	
Hexachloroethane	UG/L	0.79	-	-						<1U	<1U				<1U	
Hexachloropropylene	UG/L	-	-	-						<2U	<2U				<2U	
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-						<0.57U	<0.57U				<0.57U	
Iodomethane	UG/L	-	-	-						<1U	<1U	<1U	<1U	<1U	<1U	
Iron	UG/L	-	300	-												
Isobutyl Alcohol	UG/L	4600	-	-						<100U	<100U	<100U	<100U	<100U	<100U	
Isodrin	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
Isophorone	UG/L	-	40	-						<0.5U	<0.5U				<0.5U	
Isosafrole	UG/L	-	-	-						<2U	<2U				<2U	
Lead	UG/L	-	15	-						0.72J	2	0.46J	0.36J	0.79J	<0.085U	
Manganese	UG/L	-	50	-												
Mercury	UG/L	-	1	-						<0.06U	<0.06U	0.11J	0.087J	<0.06U	<0.06U	
Meta- And Para-Xylene	UG/L	-	-	-						<5.00U	<5.00U				<5.00U	
Methacrylonitrile	UG/L	1.5	-	-						<10U	<10U	<10U	<10U	<10U	<10U	
Methanol	MG/L	-	4	-												
Methapyrilene	UG/L	-	-	-						<15U	<15U				<15U	
Methyl Bromide	UG/L	7	-	10						<1U	<1U	<1U	<1U	<1U	<1U	
Methyl Chloride	UG/L	-	3	-						<1U	<1U	<1U	<1U	<1U	<1U	
Methyl Ethyl Ketone	MG/L	-	4	-						<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	
Methyl Isobutyl Ketone	UG/L	-	-	100						<3U	<3U	<3U	<3U	<3U	<3U	
Methyl Methacrylate	UG/L	-	-	25						<1U	<1U	<1U	<1U	<1U	<1U	
Methyl Methanesulfonate	UG/L	0.68	-	-						<1U	<1U				<1U	
Methyl Tertiary Butyl Ether	UG/L	-	20	-						<2.00U	<2.00U				<2.00U	
Methylene Bromide	UG/L	-	-	70						<1U	<1U	<1U	<1U	<1U	<1U	
Methylene Chloride	UG/L	-	5	-						<2U	<2U	<2U	<2U	<2U	<2U	
N-Dioctyl Phthalate	UG/L	-	100	-						<2U	<2U				<2U	
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-						<2U	<2U				<2U	
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-						<2U	<2U				<2U	
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-						<0.5U	<0.5U				<0.5U	
N-Nitrosodiethylamine	UG/L	0.00014	-	-						<0.5U	<0.5U				<0.5U	
N-Nitrosodimethylamine	UG/L	-	0.0007	-						<2U	<2U				<2U	
N-Nitrosodiphenylamine	UG/L	10	-	-						<0.5U	<0.5U				<0.5U	
N-Nitrosomorpholine	UG/L	0.01	-	-						<2U	<2U				<2U	
N-Nitrosopiperidine	UG/L	0.0071	-	-						<0.5U	<0.5U				<0.5U	
N-Nitrosopyrrolidine	UG/L	0.032	-	-						<0.5U	<0.5U				<0.5U	
Naphthalene	UG/L	-	6	-						<3.00U	<3.00U				<3.00U	
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-						<50.0U	<50.0U				<50.0U	
Nickel	UG/L	-	100	-						10.6J	43.4	1.7J	<1.5U	<1.5U	13.9J	
Nitrate	MG/L	-	10	-												
Nitrobenzene	UG/L	0.12	-	-						<0.5U	<0.5U				<0.5U	
O,O,O-Triethylphosphorothioate	UG/L	-	-	-						<2U	<2U				<2U	
O-Toluidine	UG/L	-	-	-						<0.5U	<0.5U				<0.5U	
Ortho-Xylene	UG/L	190	-	-						<2.00U	<2.00U				<2.00U	
para-Phenylenediamine	UG/L	3000	-	-						<76U	<77U				<76U	
Pentachlorobenzene	UG/L	2.3	-	-						<0.5U	<0.5U				<0.5U	
Pentachloroethane	UG/L	0.56	-	-						<1U	<1U	<1U	<1U	<1U	<1U	
Pentachloronitrobenzene	UG/L	0.1	-	-						<2U	<2U				<2U	
Pentachlorophenol	UG/L	-	0.3	-						<1U	<1U				<1U	
Ph	STD UNITS	-	-	-												
Phenacetin	UG/L	30	-	-						<0.5U	<0.5U				<0.5U	
Phenanthrene	UG/L	-	200	-						<0.57U	<0.57U				<0.57U	
Phenol	UG/L	-	30	-						<0.5U	<0.5U				<0.5U	
Pronamide	UG/L	900	-	-						<0.5U	<0.5U				<0.5U	
Propionitrile	UG/L	-	-	-						<30U	<30U	<30U	<30U	<30U	<30U	
Propylene Glycol	UG/L	-	-	140000						<8000U	<8000U				<8000U	
Pyrene	UG/L	-	200	-						<3.8U	<3.8U				<3.8U	
Pyridine	UG/L	15	-	-						<2U	<2U				<2U	
Safrole	UG/L	0.083	-	-						<2U	<2U				<2U	
Selenium	UG/L	-	20	-						3J	5.9	<0.5U	<0.5U	<0.5U	0.61J	
Silver	UG/L	-	20	-						<2.1U	<2.1U	<2.1U	<2.1U	<2.1U	<2.1U	
Styrene	UG/L	-	70	-						<1U	<1U	<1U	<1U	<1U	<1U	
Sulfate	MG/L	-	250	-												
Terephthalic Acid	UG/L	15000	-	-											<90U	
Tetrachloroethene	UG/L	-	0.7	-						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 4
2013 - 2014 Groundwater Results from the Main Manufacturing Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU60-TW-1	SWMU61-TW-1	SWMU61-TW-2	SWMU61-TW-3	SWMU61-TW-4	SWMU64-TW-1	SWMU64-TW-2	SWMU82-TW-1	SWMU82-TW-2	SWMU82-TW-3	UNIT2-TW-1	UNIT2-TW-1
				Sample Date	10/22/2013	10/21/2013	10/21/2013	10/22/2013	10/22/2013	10/15/2013	10/15/2013	10/16/2013	10/16/2013	10/16/2013	10/18/2013	10/18/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC 2013												
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-						<1U	<1U				<1U	
Thallium	UG/L	-	-	0.2						<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	
Thionazin	UG/L	-	-	-						<2U	<2U				<2U	
Tin	UG/L	-	-	2000						<2.9U	<2.9U	<2.9U	<2.9U	<2.9U	<2.9U	
Toluene	UG/L	-	600	-						<2.00U	<2.00U	<0.7U	<0.7U	<0.7U	<2.00U	
Total Dissolved Solids	MG/L	-	500	-												
Total Organic Carbon	MG/L	-	-	-												
Total Organic Halogen	UG/L	-	-	-												
Total Suspended Solids	MG/L	-	-	-												
trans-1,2-Dichloroethene	UG/L	-	100	-						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
trans-1,3-Dichloropropene	UG/L	-	-	-						<1U	<1U	<1U	<1U	<1U	<1U	
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-						<15U	<15U	<15U	<15U	<15U	<15U	
Trichloroethene	UG/L	-	3	-						<1U	<1U	<1U	<1U	<1U	2J	
Trichlorofluoromethane	MG/L	-	2	-						<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	
Triethylene Glycol	UG/L	-	-	-						<8000U	<8000U				<8000U	
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-						<38U	<38U				<38U	
Vanadium	UG/L	-	-	0.3						[4J]	<2U	[4.4J]	<2U	[10.7]	<2U	
Vinyl Acetate	UG/L	-	-	88						<2U	<2U	<2U	<2U	<2U	<2U	
Vinyl Chloride	UG/L	-	0.03	-						<0.010U	<0.010U	0.022J	<0.010U	<0.010U	<0.010U	
Xylenes	UG/L	-	500	-						<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	
Zinc	MG/L	-	1	-						0.116	0.139	0.0044J	0.0063J	0.0051J	0.0327J	

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	AOCA-RW-07R	MW-02	MW-2	MW-03	MW-4	MW-5	MW-10	MW-10	MW-10	MW-11	MW-11	MW-12A
				Sample Date	10/24/2013	05/06/2013	11/13/2013	11/11/2013	11/11/2013	11/08/2013	05/09/2013	10/25/2013	10/25/2013	05/10/2013	11/06/2013	11/06/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
1,1,1,2-Tetrachloroethane	UG/L	-	-	1			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
1,1,1-Trichloroethane	UG/L	-	200	-			<0.8U	<0.8U	<0.8U	<0.8U		<0.8U	<0.8U		<40U	<8U
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
1,1,2-Trichloroethane	UG/L	-	-	0.6			<0.8U	<0.8U	<0.8U	<0.8U		<0.8U	<0.8U		<40U	<8U
1,1-Dichloroethane	UG/L	-	6	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
1,1-Dichloroethene	UG/L	-	7	-			<0.8U	<0.8U	<0.8U	<0.8U		<0.8U	<0.8U		<40U	<8U
1,2,3-Trichloropropane	UG/L	-	0.005	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
1,2,4-Trichlorobenzene	UG/L	-	70	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-			<2U	<2U	<2U	<2U		<2U	<2U		<100U	<20U
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
1,2-Dichlorobenzene	UG/L	-	20	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
1,2-Dichloroethane	UG/L	-	0.4	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
1,2-Dichloropropane	UG/L	-	0.6	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
1,2-Diphenylhydrazine	UG/L	0.067	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
1,3,5-Trinitrobenzene	UG/L	460	-	-			<6UJ	<5U	<5U	<6U		<6U	<5U		<53U	<5U
1,3-Dichlorobenzene	UG/L	-	200	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
1,3-Dinitrobenzene	UG/L	1.5	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
1,4-Dichlorobenzene	UG/L	-	6	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
1,4-Dioxane	UG/L	-	3	-		[90]	[82]	[85]	[10]	<1U	2J	<1U	<1U	[150]	[170]	[280]
1,4-Naphthoquinone	UG/L	-	-	-			<12R	<10R	<11R	<11R		<11U	<11U		<110R	<11R
1-Naphthylamine	UG/L	-	-	-			<6U	<5U	<5U	<6U		<6U	<5U		<53U	<5U
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2,4,5-Trichlorophenol	UG/L	-	-	63			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2,4,6-Trichlorophenol	UG/L	-	-	4			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2,4-Dichlorophenol	UG/L	-	-	0.98			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2,4-Dimethylphenol	UG/L	-	100	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2,4-Dinitrophenol	UG/L	30	-	-			<12U	<10U	<11U	<11U		<11U	<11U		<110U	<11U
2,4-Dinitrotoluene	UG/L	-	-	0.1			<1U	<1U	<1U	<1U		<1U	<1U		<11U	<1U
2,6-Dichlorophenol	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2,6-Dinitrotoluene	UG/L	0.042	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2-Acetylaminofluorene	UG/L	0.013	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
2-Chloronaphthalene	UG/L	550	-	-			<0.5U	<0.4U	<0.4U	<0.4U		<0.4U	<0.4U		<4U	<0.4U
2-Chlorophenol	UG/L	-	0.4	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2-Hexanone	UG/L	-	-	40			<3U	<3U	<3U	<3U		<3U	<3U		<150U	<30U
2-Methylnaphthalene	UG/L	-	30	-			<0.68U	<0.60U	<0.62U	<0.61U		<0.58U	<0.58U		[44J]	<0.60UJ
2-Methylphenol (O-Cresol)	UG/L	-	-	400			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		[540]	<0.5U
2-Naphthylamine	UG/L	0.033	-	-			<6U	<5U	<5U	<6U		<6U	<5U		<53U	<5U
2-Nitroaniline	UG/L	150	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2-Nitrophenol	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
2-Picoline	UG/L	-	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
3,3'-Dichlorobenzidine	UG/L	0.11	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-			<30U	<26U	<27U	<28U		<28U	<26U		<260U	<27U
3-Methylcholanthrene	UG/L	0.00098	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
3-Nitroaniline	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-			<6U	<5U	<5U	<6U		<6U	<5U		<53U	<5U
4-Aminobiphenyl	UG/L	0.0026	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4-Bromophenyl Phenyl Ether	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4-Chloro-3-Methylphenol	UG/L	1100	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4-Chloroaniline	UG/L	0.32	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4-Methylphenol (P-Cresol)	UG/L	-	40	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4-Nitroaniline	UG/L	3.3	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
4-Nitrophenol	UG/L	-	-	-			<12U	<10U	<11U	<11U		<11U	<11U		<110U	<11U
4-Nitroquinoline-N-Oxide	UG/L	-	-	-			<24U	<21U	<22U	<22U		<22U	<21U		<210UJ	<22UJ
5-Nitro-Ortho-Toluidine	UG/L	7	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Acenaphthene	UG/L	-	80	-			<0.68U	<0.60U	<0.62U	<0.61U		<0.58U	<0.58U		<1U	<0.60UJ
Acenaphthylene	UG/L	-	200	-			<0.80U	<0.70U	<0.72U	<0.71U		<0.68U	<0.68U		18J	<0.70UJ
Acetaldehyde	UG/L	2.2	-	-			<50U	<50U	<50U	<100U		<50U	<50U		[250J]	<500UJ
Acetone	MG/L	-	6	-			<0.006U	<0.006U	<0.006U	<0.006U		<0.006U	<0.006U		<0.3U	<0.06U
Acetonitrile	UG/L	130	-	-			<25U	<25U	<25U	<25U		<25U	<25U			<250U
Acetophenone	UG/L	-	-	700			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Acrolein	UG/L	-	-	4			<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ		<1.6UJ	<1.6UJ		<1.6UJ	<1.6UJ
Acrylonitrile	UG/L	0.045	-	-			<1.9U	<1.9U	<1.9U	<1.9U		<1.9U	<1.9U		<1.9U	<1.9U

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	AOCA-RW-07R	MW-02	MW-2	MW-03	MW-4	MW-5	MW-10	MW-10	MW-10	MW-11	MW-11	MW-12A
				Sample Date	10/24/2013	05/06/2013	11/13/2013	11/11/2013	11/11/2013	11/08/2013	05/09/2013	10/25/2013	10/25/2013	05/10/2013	11/06/2013	11/06/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-												
Alkalinity, Total	MG CACO3/L	-	-	-												
Allyl Chloride	UG/L	0.63	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-			<6U	<5U	<5U	<6U		<6U	<5U		<53U	<5U
Aniline	UG/L	12	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Anthracene	MG/L	-	2	-			<0.00068U	<0.0006U	<0.00062U	<0.00061U		<0.00058U	<0.00058U		<0.015UJ	<0.0006UJ
Antimony	UG/L	-	-	1	<5.3U		<5.3U	<5.3U	<5.3U	<5.3U		<5.3U	<5.3U		[25.4J]	<5.3U
Aramite	UG/L	1.1	-	-			<6U	<5U	<5U	<6U		<6U	<5U		<53U	<5U
Arsenic	UG/L	-	10	-	<0.42U		<0.42U	[11.1]	5.1	<0.78U		2J	2J		[38.1]	2.5J
Barium	UG/L	-	700	-	7.6J		15.5	17.6	2J	8.4J		1.8J	1.8J		1.3J	8.8J
Benzene	UG/L	-	1	-			<2.00U	<2.00U	<2.00U	<2.00U		<2.00U	<2.00U		[130J]	<5U
Benzo(A)Anthracene	UG/L	-	0.05	-			<0.80U	<0.70U	<0.72U	<0.71U		<0.68U	<0.68U		<1U	<0.70UJ
Benzo(B)Fluoranthene	UG/L	-	0.05	-			<0.68U	<0.60U	<0.62U	<0.61U		<0.58U	<0.58U		<1U	<0.60UJ
Benzo(G,H,I)Perylene	UG/L	-	200	-			<0.68U	<0.60U	<0.62U	<0.61U		<0.58U	<0.58U		<1U	<0.60UJ
Benzo(K)Fluoranthene	UG/L	-	0.5	-			<1.0U	<0.89U	<0.93U	<0.91U		<0.87U	<0.87U		<22UJ	<0.90UJ
Benzo(A)Pyrene	UG/L	-	0.005	-			<0.68U	<0.60U	<0.62U	<0.61U		<0.58U	<0.58U		<1U	<0.60UJ
Benzyl Alcohol	UG/L	-	-	700			<6U	<5U	<5U	<6U		<6U	<5U		<53U	<5U
Beryllium	UG/L	-	-	4	<0.67U		<0.67U	<0.67U	<0.67U	<0.67U		<0.67U	<0.67U		<0.67U	<0.67U
Biphenyl	UG/L	-	400	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		13	<0.5U
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5UJ	<0.5UJ
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
Bromodichloromethane	UG/L	-	0.6	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Bromoform	UG/L	-	4	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Butyl Benzyl Phthalate	MG/L	-	1	-			<0.002U	<0.002U	<0.002U	<0.002U		<0.002U	<0.002U		<0.021U	<0.002U
C11 to C22 Aromatics	UG/L	-	-	-			<46U	<40U	<41U	<40U		<39U	<39U		30000J	78J
C19 to C36 Aliphatics	UG/L	-	-	-			<57U	<50U	<52U	<51U		<48U	<48U		<49UJ	<50UJ
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-			<50.0U	<50.0U	<50.0U	<50.0U		<50.0U	<50.0U		<10000U	<50.0U
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-			<50.0U	<50.0U	<50.0U	<50.0U		<50.0U	<50.0U		<10000U	<50.0U
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-			<20.0U	<20.0U	<20.0U	<20.0U		<20.0U	<20.0U		<4000U	<20.0U
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-			<50.0U	<50.0U	<50.0U	<50.0U		<50.0U	<50.0U		<10000U	<50.0U
C9 to C18 Aliphatics	UG/L	-	700	-			<34U	<30U	<31U	<30U		<29U	<29U		<30UJ	<30UJ
Cadmium	UG/L	-	2	-	<0.76U		0.94J	1.5J	0.83J	0.95J		<0.76U	<0.76U		<0.76U	<0.76U
Carbon Disulfide	UG/L	-	700	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Carbon Tetrachloride	UG/L	-	0.3	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Chemical Oxygen Demand (COD)	MG/L	-	-	-												
Chloride	MG/L	-	250	-												
Chlorobenzene	UG/L	-	50	-			<0.8U	6	<0.8U	<0.8U		<0.8U	<0.8U		<40U	<8U
Chlorobenzilate	UG/L	0.27	-	-			<4UJ	<3U	<3U	<3U		<3U	<3U		<32U	<3U
Chlorodibromomethane	UG/L	-	0.4	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Chloroform	UG/L	-	70	-			<0.8U	<0.8U	<0.8U	<0.8U		<0.8U	<0.8U		[600]	<8U
Chloroprene	UG/L	0.016	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Chromium	UG/L	-	10	-	<1.6U		<1.6U	<1.6U	<1.6U	2.1J		1.8J	2J		9.4J	2.3J
Chrysene	UG/L	-	5	-			<0.57U	<0.50U	<0.52U	<0.51U		<0.48U	<0.48U		<1U	<0.50UJ
cis-1,2 Dichloroethene	UG/L	-	70	-			<0.8U	<0.8U	<0.8U	<0.8U		<0.8U	<0.8U		<40U	<8U
cis-1,3-Dichloropropene	UG/L	-	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Cobalt	UG/L	-	-	1	<1.3U		<1.3U	<1.3U	<1.3U	<1.3U		<1.3U	<1.3U		[10.5]	<1.3U
Copper	MG/L	-	1	-	<0.0027U		<0.0027U	<0.0027U	<0.0027U	<0.0027U		<0.0027U	<0.0027U		0.0032J	<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
Diallate	UG/L	0.46	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<11U	<1U
Dibenz(A,H)Anthracene	UG/L	-	0.005	-			<0.57U	<0.50U	<0.52U	<0.51U		<0.48U	<0.48U		<1U	<0.50UJ
Dibenzofuran	UG/L	-	-	28			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Dichlorodifluoromethane	MG/L	-	1	-			<0.002U	<0.002U	<0.002U	<0.002U		<0.002U	<0.002U		<0.1U	<0.02U
Diethyl Phthalate	MG/L	-	6	-			<0.002U	<0.002U	<0.002U	<0.002U		<0.002U	<0.002U		<0.021U	<0.002U
Diethylene Glycol	UG/L	-	-	-			<8000U	<8000U	<8000U	<8000U		<8000U	<8000U		<8000U	<8000U
Dimethoate	UG/L	3.1	-	-			<4U	<3U	<3U	<3U		<3U	<3U		<32U	<3U
Dimethyl Phthalate	UG/L	-	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
Dimethyl Terephthalate	UG/L	1400	-	-												
Diphenyl Ether	UG/L	-	-	100			<0.6U	13	<0.5U	<0.6U		17	17		[120]	2
Ethyl Chloride	UG/L	-	3000	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Ethyl Methacrylate	UG/L	420	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Ethyl Methanesulfonate	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Ethylbenzene	UG/L	-	600	-			<2.00U	<2.00U	<2.00U	<2.00U		<2.00U	<2.00U		89J	<8U
Ethylene Glycol	MG/L	-	10	-			<8U	<8U	<8U	<8U		<8U	<8U		[17]	<8U
Fluoranthene	UG/L	-	300	-			<0.57U	<0.50U	<0.52U	<0.51U		<0.48U	<0.48U		<1U	<0.50UJ

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	AOCA-RW-07R	MW-02	MW-2	MW-03	MW-4	MW-5	MW-10	MW-10	MW-10	MW-11	MW-11	MW-12A
				Sample Date	10/24/2013	05/06/2013	11/13/2013	11/11/2013	11/11/2013	11/08/2013	05/09/2013	10/25/2013	10/25/2013	05/10/2013	11/06/2013	11/06/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Fluorene	UG/L	-	300	-			<0.68U	<0.60U	<0.62U	<0.61U		<0.58U	<0.58U		<1U	<0.60UJ
Fluoride	MG/L	-	2	-												
Hexachlorobenzene	UG/L	-	0.02	-			<0.1U	<0.1U	<0.1U	<0.1U		<0.1U	<0.1U		<1U	<0.1U
Hexachlorobutadiene	UG/L	-	0.4	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Hexachlorocyclopentadiene	UG/L	22	-	-			<6U	<5U	<5U	<6U		<6U	<5U		<53U	<5U
Hexachloroethane	UG/L	0.79	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<11U	<1U
Hexachloropropylene	UG/L	-	-	-			<2UJ	<2U	<2U	<2U		<2U	<2U		<21U	<2U
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-			<0.68U	<0.60U	<0.62U	<0.61U		<0.58U	<0.58U		<1U	<0.60UJ
Iodomethane	UG/L	-	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Iron	UG/L	-	300	-												
Isobutyl Alcohol	UG/L	4600	-	-			<100U	<100U	<100U	<100U		<100U	<100U		[30000]	<1000U
Isodrin	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Isophorone	UG/L	-	40	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Isosafrole	UG/L	-	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
Lead	UG/L	-	15	-	0.34J		<0.085U	<0.085U	<0.085U	0.13J		<0.085U	<0.085U		<0.085U	<0.085U
Manganese	UG/L	-	50	-												
Mercury	UG/L	-	1	-	<0.06U		<0.06U	<0.06U	<0.06U	<0.06U		<0.06U	<0.06U		<0.3U	<0.06U
Meta- And Para-Xylene	UG/L	-	-	-			<5.00U	<5.00U	<5.00U	<5.00U		<5.00U	<5.00U		<1000U	<5.00U
Methacrylonitrile	UG/L	1.5	-	-			<10U	<10U	<10U	<10U		<10U	<10U		<500U	<100U
Methanol	MG/L	-	4	-												
Methapyrilene	UG/L	-	-	-			<18U	<16U	<16U	<17U		<17U	<16U		<160U	<16U
Methyl Bromide	UG/L	7	-	10			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Methyl Chloride	UG/L	-	3	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Methyl Ethyl Ketone	MG/L	-	4	-			<0.003U	<0.003U	<0.003U	<0.003U		<0.003U	<0.003U		<0.15U	<0.03U
Methyl Isobutyl Ketone	UG/L	-	-	100			<3U	<3U	<3U	<3U		<3U	<3U		<150U	<30U
Methyl Methacrylate	UG/L	-	-	25			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Methyl Methanesulfonate	UG/L	0.68	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<11U	<1U
Methyl Tertiary Butyl Ether	UG/L	-	20	-			<2.00U	<2.00U	<2.00U	<2.00U		<2.00U	<2.00U		<400U	<2.00U
Methylene Bromide	UG/L	-	-	70			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Methylene Chloride	UG/L	-	5	-			<2U	<2U	<2U	<2U		<2U	<2U		[2600B]	<20U
N-Dioctyl Phthalate	UG/L	-	100	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
N-Nitrosodiethylamine	UG/L	0.00014	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
N-Nitrosodimethylamine	UG/L	-	0.0007	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
N-Nitrosodiphenylamine	UG/L	10	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
N-Nitrosomorpholine	UG/L	0.01	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21UJ	<2UJ
N-Nitrosopiperidine	UG/L	0.0071	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
N-Nitrosopyrrolidine	UG/L	0.032	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Naphthalene	UG/L	-	6	-			<3.00U	0.2J	<3.00U	<3.00U		<3.00U	<3.00U		<600U	<3.00U
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-			<50.0U	<50.0U	<50.0U	<50.0U		<50.0U	<50.0U		<10000U	<50.0U
Nickel	UG/L	-	100	-	<1.5U		3.9J	<1.5U	<1.5U	<1.5U		<1.5U	<1.5U		20.2	<1.5U
Nitrate	MG/L	-	10	-												
Nitrobenzene	UG/L	0.12	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
O,O,O-Triethylphosphorothioate	UG/L	-	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
O-Toluidine	UG/L	-	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Ortho-Xylene	UG/L	190	-	-			<2.00U	<2.00U	<2.00U	<2.00U		<2.00U	<2.00U		<400U	<2.00U
para-Phenylenediamine	UG/L	3000	-	-			<91U	<78U	<82U	<83U		<83U	<79U		<790U	<81U
Pentachlorobenzene	UG/L	2.3	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Pentachloroethane	UG/L	0.56	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Pentachloronitrobenzene	UG/L	0.1	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
Pentachlorophenol	UG/L	-	0.3	-			<1U	<1U	<1U	<1U		<1U	<1U		<11U	<1U
Ph	STD UNITS	-	-	-												
Phenacetin	UG/L	30	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Phenanthrene	UG/L	-	200	-			<0.68U	<0.60U	<0.62U	<0.61U		<0.58U	<0.58U		<1U	<0.60UJ
Phenol	UG/L	-	30	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		[35]	<0.5U
Pronamide	UG/L	900	-	-			<0.6U	<0.5U	<0.5U	<0.6U		<0.6U	<0.5U		<5U	<0.5U
Propionitrile	UG/L	-	-	-			<30U	<30U	<30U	<30U		<30U	<30U		<1500U	<300U
Propylene Glycol	UG/L	-	-	140000			<8000U	<8000U	<8000U	<8000U		<8000U	<8000U		<8000U	<8000U
Pyrene	UG/L	-	200	-			<4.6U	<4.0U	<4.1U	<4.0U		<3.9U	<3.9U		<99UJ	<4.0UJ
Pyridine	UG/L	15	-	-			<2U	<2U	<2U	<2U		<2U	<2U		[47J]	<2U
Safrole	UG/L	0.083	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
Selenium	UG/L	-	20	-	<0.5UJ		<0.5U	<0.5U	<0.5U	<0.5U		<0.5UJ	<0.5UJ		1.3J	<0.5U
Silver	UG/L	-	20	-	<2.1U		<2.1U	<2.1U	<2.1U	<2.1U		<2.1U	<2.1U		<2.1U	<2.1U
Styrene	UG/L	-	70	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U

Notes:
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Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	AOCA-RW-07R	MW-02	MW-2	MW-03	MW-4	MW-5	MW-10	MW-10	MW-10	MW-11	MW-11	MW-12A
				Sample Date	10/24/2013	05/06/2013	11/13/2013	11/11/2013	11/11/2013	11/08/2013	05/09/2013	10/25/2013	10/25/2013	05/10/2013	11/06/2013	11/06/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Sulfate	MG/L	-	250	-												
Terephthalic Acid	UG/L	15000	-	-			<100U	<100U	<100U	<100U		<100U	<500U		[260000]	<99U
Tetrachloroethene	UG/L	-	0.7	-			<0.8U	<0.8U	<0.8U	<0.8U		<0.8U	<0.8U		<40U	<8U
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<11U	<1U
Thallium	UG/L	-	-	0.2	<0.15U		<0.15U	<0.15U	<0.15U	<0.15U		<0.15U	<0.15U		<0.15U	<0.15U
Thionazin	UG/L	-	-	-			<2U	<2U	<2U	<2U		<2U	<2U		<21U	<2U
Tin	UG/L	-	-	2000	<2.9U		<2.9U	<2.9U	<2.9U	<2.9U		<2.9U	<2.9U		3J	<2.9U
Toluene	UG/L	-	600	-			<2.00U	<2.00U	<2.00U	<2.00U		<2.00U	<2.00U		<400U	<7U
Total Dissolved Solids	MG/L	-	500	-												
Total Organic Carbon	MG/L	-	-	-												
Total Organic Halogen	UG/L	-	-	-												
Total Suspended Solids	MG/L	-	-	-												
trans-1,2-Dichloroethene	UG/L	-	100	-			<0.8U	<0.8U	<0.8U	<0.8U		<0.8U	<0.8U		<40U	<8U
trans-1,3-Dichloropropene	UG/L	-	-	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-			<15U	<15U	<15U	<15U		<15U	<15U		<750U	<150U
Trichloroethene	UG/L	-	3	-			<1U	<1U	<1U	<1U		<1U	<1U		<50U	<10U
Trichlorofluoromethane	MG/L	-	2	-			<0.002U	<0.002U	<0.002U	<0.002U		<0.002U	<0.002U		<0.1U	<0.02U
Triethylene Glycol	UG/L	-	-	-			<8000U	<8000U	<8000U	<8000U		<8000U	<8000U		<8000U	<8000U
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-			<46U	<40U	<41U	<40U		<39U	<39U		30000J	78J
Vanadium	UG/L	-	-	0.3	<2U		<2U	<2U	<2U	<2U		<2U	<2U		[2.7J]	<2U
Vinyl Acetate	UG/L	-	-	88			<2U	<2U	<2U	<2U		<2U	<2U			<20U
Vinyl Chloride	UG/L	-	0.03	-			<0.010U	[0.13]	<0.010U	<0.010U		<0.010U	<0.010U		[0.60B]	[0.033B]
Xylenes	UG/L	-	500	-			<0.8U	<0.8U	<0.8U	<0.8U		<0.8U	<0.8U		160J	<8U
Zinc	MG/L	-	1	-	<0.0020U		<0.0020U	<0.0020U	<0.0020U	0.0062J		<0.0020U	<0.0020U		0.0454	<0.0020U

Notes:
UG/L= Micrograms per Liter
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IMAC = Interim Maximum Contaminant Level
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Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	MW-16	MW-16	MW-16
				Sample Date	05/07/2013	11/12/2013	05/15/2014	05/07/2013	11/13/2013	05/14/2014	05/07/2013	11/13/2013	05/14/2014	05/07/2013	11/11/2013	05/14/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
1,1,1,2-Tetrachloroethane	UG/L	-	-	1		<1U			<1U			<1U			<1U	
1,1,1-Trichloroethane	UG/L	-	200	-		<0.8U			<0.8U			<0.8U			<0.8U	
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-		<1U			<1U			<1U			<1U	
1,1,2-Trichloroethane	UG/L	-	-	0.6		<0.8U			<0.8U			<0.8U			<0.8U	
1,1-Dichloroethane	UG/L	-	6	-		<1U			<1U			<1U			1J	
1,1-Dichloroethene	UG/L	-	7	-		<0.8U			<0.8U			<0.8U			<0.8U	
1,2,3-Trichloropropane	UG/L	-	0.005	-		<1U			<1U			<1U			<1U	
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2		<0.5U			<0.6U			<0.6U			<0.5U	
1,2,4-Trichlorobenzene	UG/L	-	70	-		<0.5U			<0.6U			<0.6U			<0.5U	
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-		<2U			<2U			<2U			<2U	
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-		<1U			<1U			<1U			<1U	
1,2-Dichlorobenzene	UG/L	-	20	-		<0.5U			<0.6U			<0.6U			<0.5U	
1,2-Dichloroethane	UG/L	-	0.4	-		<1U			<1U			<1U			<1U	
1,2-Dichloropropane	UG/L	-	0.6	-		<1U			<1U			<1U			<1U	
1,2-Diphenylhydrazine	UG/L	0.067	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
1,3,5-Trinitrobenzene	UG/L	460	-	-		<5UJ			<6UJ			<6UJ			<5U	
1,3-Dichlorobenzene	UG/L	-	200	-		<0.5U			<0.6U			<0.6U			<0.5U	
1,3-Dinitrobenzene	UG/L	1.5	-	-		<2U			<2U			<2U			<2U	
1,4-Dichlorobenzene	UG/L	-	6	-		<0.5U			<0.6U			<0.6U			<0.5U	
1,4-Dioxane	UG/L	-	3	-		[81]		1J	3J		[230]	[140]		[61]	[51]	
1,4-Naphthoquinone	UG/L	-	-	-		<11R			<11R			<11R			<11R	
1-Naphthylamine	UG/L	-	-	-		<5U			<6U			<6U			<5U	
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-		<0.5U			<0.6U			<0.6U			<0.5U	
2,4,5-Trichlorophenol	UG/L	-	-	63		<0.5U			<0.6U			<0.6U			<0.5U	
2,4,6-Trichlorophenol	UG/L	-	-	4		<0.5U			<0.6U			<0.6U			<0.5U	
2,4-Dichlorophenol	UG/L	-	-	0.98		<0.5U			<0.6U			<0.6U			<0.5U	
2,4-Dimethylphenol	UG/L	-	100	-		<0.5U			<0.6U			<0.6U			<0.5U	
2,4-Dinitrophenol	UG/L	30	-	-		<11U			<11U			<11U			<11U	
2,4-Dinitrotoluene	UG/L	-	-	0.1		<1U			<1U			<1U			<1U	
2,6-Dichlorophenol	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
2,6-Dinitrotoluene	UG/L	0.042	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
2-Acetylaminofluorene	UG/L	0.013	-	-		<2U			<2U			<2U			<2U	
2-Chloronaphthalene	UG/L	550	-	-		<0.4U			<0.5U			<0.4U			<0.4U	
2-Chlorophenol	UG/L	-	0.4	-		<0.5U			<0.6U			<0.6U			<0.5U	
2-Hexanone	UG/L	-	-	40		<3U			<3U			<3U			<3U	
2-Methylnaphthalene	UG/L	-	30	-		<0.60U			<0.59U			<0.61U			<0.61U	
2-Methylphenol (O-Cresol)	UG/L	-	-	400		<0.5U			<0.6U			<0.6U			<0.5U	
2-Naphthylamine	UG/L	0.033	-	-		<5U			<6U			<6U			<5U	
2-Nitroaniline	UG/L	150	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
2-Nitrophenol	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
2-Picoline	UG/L	-	-	-		<2U			<2U			<2U			<2U	
3,3'-Dichlorobenzidine	UG/L	0.11	-	-		<2U			<2U			<2U			<2U	
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-		<26U			<28U			<28U			<26U	
3-Methylcholanthrene	UG/L	0.00098	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
3-Nitroaniline	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-		<5U			<6U			<6U			<5U	
4-Aminobiphenyl	UG/L	0.0026	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
4-Bromophenyl Phenyl Ether	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
4-Chloro-3-Methylphenol	UG/L	1100	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
4-Chloroaniline	UG/L	0.32	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
4-Methylphenol (P-Cresol)	UG/L	-	40	-		<0.5U			<0.6U			<0.6U			<0.5U	
4-Nitroaniline	UG/L	3.3	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
4-Nitrophenol	UG/L	-	-	-		<11U			<11U			<11U			<11U	
4-Nitroquinoline-N-Oxide	UG/L	-	-	-		<21U			<23U			<22U			<21U	
5-Nitro-Ortho-Toluidine	UG/L	7	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Acenaphthene	UG/L	-	80	-		<0.60U			<0.59U			<0.61U			<0.61U	
Acenaphthylene	UG/L	-	200	-		<0.70U			<0.69U			<0.71U			<0.71U	
Acetaldehyde	UG/L	2.2	-	-		<50U			<50U			<500U			<50U	
Acetone	MG/L	-	6	-		<0.006U			<0.006U			<0.006U			<0.006U	
Acetonitrile	UG/L	130	-	-		<25U			<25U			<25U			<25U	
Acetophenone	UG/L	-	-	700		<0.5U			<0.6U			<0.6U			<0.5U	
Acrolein	UG/L	-	-	4		<1.6UJ			<1.6UJ			<1.6UJ			<1.6UJ	
Acrylonitrile	UG/L	0.045	-	-		<1.9U			<1.9U			<1.9U			<1.9U	

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				Sample Date	05/07/2013	11/12/2013	05/15/2014	05/07/2013	11/13/2013	05/14/2014	05/07/2013	11/13/2013	05/14/2014	05/07/2013	11/11/2013	05/14/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-	<0.70U		<0.70U	<0.70U		<0.70U	<0.70U		<0.70U	<0.70U		<0.70U
Alkalinity, Total	MG CACO3/L	-	-	-	218		202	41.7		38.4	713		633	202		183
Allyl Chloride	UG/L	0.63	-	-		<1U			<1U			<1U			<1U	
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-		<5U			<6U			<6U			<5U	
Aniline	UG/L	12	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Anthracene	MG/L	-	2	-		<0.0006U			<0.00059U			<0.00061U			<0.00061U	
Antimony	UG/L	-	-	1		<5.3U			<5.3U			<5.3U			<5.3U	
Aramite	UG/L	1.1	-	-		<5U			<6U			<6U			<5U	
Arsenic	UG/L	-	10	-	<6.8U	0.71J	<6.8U	<6.8U	1.4J	<6.8U	[36.6J]	[31.5J]	7.5J	[20.7J]	[21.6]	[10.8J]
Barium	UG/L	-	700	-	8.8J	8.1J	8.7J	4.4J	4.2J	3.1B	43.7	28.8	29.6	9.3J	2.7J	2B
Benzene	UG/L	-	1	-		<2.00U			<2.00U			<2.00U			<2.00U	
Benzo(A)Anthracene	UG/L	-	0.05	-		<0.70U			<0.69U			<0.71U			<0.71U	
Benzo(B)Fluoranthene	UG/L	-	0.05	-		<0.60U			<0.59U			<0.61U			<0.61U	
Benzo(G,H,I)Perylene	UG/L	-	200	-		<0.60U			<0.59U			<0.61U			<0.61U	
Benzo(K)Fluoranthene	UG/L	-	0.5	-		<0.90U			<0.89U			<0.92U			<0.91U	
Benzo(A)Pyrene	UG/L	-	0.005	-		<0.60U			<0.59U			<0.61U			<0.61U	
Benzyl Alcohol	UG/L	-	-	700		<5U			<6U			<6U			<5U	
Beryllium	UG/L	-	-	4		<0.67U			<0.67U			<0.67U			<0.67U	
Biphenyl	UG/L	-	400	-		<0.5U			<0.6U			<0.6U			<0.5U	
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-		<0.5U			<0.6U			<0.6U			<0.5U	
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-		<2U			<2U			<2U			<2U	
Bromodichloromethane	UG/L	-	0.6	-		<1U			<1U			<1U			<1U	
Bromoform	UG/L	-	4	-		<1U			<1U			<1U			<1U	
Butyl Benzyl Phthalate	MG/L	-	1	-		<0.002U			<0.002U			<0.002U			<0.002U	
C11 to C22 Aromatics	UG/L	-	-	-		<40U			<40U			<41U			<40U	
C19 to C36 Aliphatics	UG/L	-	-	-		<50U			<49U			<51U			<51U	
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-		<50.0U			<50.0U			<50.0U			<50.0U	
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-		<50.0U			<50.0U			<50.0U			<50.0U	
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-		<20.0U			<20.0U			<20.0U			<20.0U	
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-		<50.0U			<50.0U			<50.0U			<50.0U	
C9 to C18 Aliphatics	UG/L	-	700	-		<30U			<30U			<31U			<30U	
Cadmium	UG/L	-	2	-	<0.36U	0.86J	<0.76U	<0.36U	<0.76U	<0.76U	<0.36U	1.5J	<0.76U	<0.36U	0.88J	<0.76U
Carbon Disulfide	UG/L	-	700	-		<1U			<1U			<1U			<1U	
Carbon Tetrachloride	UG/L	-	0.3	-		<1U			<1U			<1U			<1U	
Chemical Oxygen Demand (COD)	MG/L	-	-	-	57.1		47.1J	13.6J		<12.8U	63.9		56.2J	61.6		26.5J
Chloride	MG/L	-	250	-	17.1		16.7	8.6		5.5	37.7		27.6	11.6		8.5
Chlorobenzene	UG/L	-	50	-		4J			<0.8U			<0.8U			<0.8U	
Chlorobenzilate	UG/L	0.27	-	-		<3U			<3UJ			<3UJ			<3U	
Chlorodibromomethane	UG/L	-	0.4	-		<1U			<1U			<1U			<1U	
Chloroform	UG/L	-	70	-		<0.8U			<0.8U			<0.8U			<0.8U	
Chloroprene	UG/L	0.016	-	-		<1U			<1U			<1U			<1U	
Chromium	UG/L	-	10	-	<1.1U	<1.6U	<1.6U	<1.1U	<1.6U	<1.6U	<1.1U	<1.6U	2.7J	<1.1U	<1.6U	<1.6U
Chrysene	UG/L	-	5	-		<0.50U			<0.49U			<0.51U			<0.51U	
cis-1,2 Dichloroethene	UG/L	-	70	-		<0.8U			<0.8U			<0.8U			<0.8U	
cis-1,3-Dichloropropene	UG/L	-	-	-		<1U			<1U			<1U			<1U	
Cobalt	UG/L	-	-	1		[1.6J]			[10.3]			<1.3U			<1.3U	
Copper	MG/L	-	1	-	<0.0021U	<0.0027U	<0.0027U	<0.0021U	<0.0027U	<0.0027U	<0.0021U	<0.0027U	<0.0027U	<0.0021U	<0.0027U	<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-		<2U			<2U			<2U			<2U	
Diallate	UG/L	0.46	-	-		<1U			<1U			<1U			<1U	
Dibenz(A,H)Anthracene	UG/L	-	0.005	-		<0.50U			<0.49U			<0.51U			<0.51U	
Dibenzofuran	UG/L	-	-	28		<0.5U			<0.6U			<0.6U			<0.5U	
Dichlorodifluoromethane	MG/L	-	1	-		<0.002U			<0.002U			<0.002U			<0.002U	
Diethyl Phthalate	MG/L	-	6	-		<0.002U			<0.002U			<0.002U			<0.002U	
Diethylene Glycol	UG/L	-	-	-		<8000U			<8000U			<8000U			<8000U	
Dimethoate	UG/L	3.1	-	-		<3U			<3U			<3U			<3U	
Dimethyl Phthalate	UG/L	-	-	-		<2U			<2U			<2U			<2U	
Dimethyl Terephthalate	UG/L	1400	-	-												
Diphenyl Ether	UG/L	-	-	100		20			<0.6U			22			2	
Ethyl Chloride	UG/L	-	3000	-		<1U			<1U			<1U			<1U	
Ethyl Methacrylate	UG/L	420	-	-		<1U			<1U			<1U			<1U	
Ethyl Methanesulfonate	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Ethylbenzene	UG/L	-	600	-		<2.00U			<2.00U			<2.00U			<2.00U	
Ethylene Glycol	MG/L	-	10	-		<8U			<8U			<8U			<8U	
Fluoranthene	UG/L	-	300	-		<0.50U			<0.49U			<0.51U			<0.51U	

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	MW-16	MW-16	MW-16
				Sample Date	05/07/2013	11/12/2013	05/15/2014	05/07/2013	11/13/2013	05/14/2014	05/07/2013	11/13/2013	05/14/2014	05/07/2013	11/11/2013	05/14/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Fluorene	UG/L	-	300	-		<0.60U			<0.59U			<0.61U			<0.61U	
Fluoride	MG/L	-	2	-	<0.40U		<0.40U	<0.40U		<0.40U	<0.40U		<0.40U	<0.40U		<0.40U
Hexachlorobenzene	UG/L	-	0.02	-		<0.1U			<0.1U			<0.1U			<0.1U	
Hexachlorobutadiene	UG/L	-	0.4	-		<0.5U			<0.6U			<0.6U			<0.5U	
Hexachlorocyclopentadiene	UG/L	22	-	-		<5U			<6U			<6U			<5U	
Hexachloroethane	UG/L	0.79	-	-		<1U			<1U			<1U			<1U	
Hexachloropropylene	UG/L	-	-	-		<2U			<2UJ			<2UJ			<2U	
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-		<0.60U			<0.59U			<0.61U			<0.61U	
Iodomethane	UG/L	-	-	-		<1U			<1U			<1U			<1U	
Iron	UG/L	-	300	-	<33.3U		<43U	[422]		126J	[79800]		[65300]	[52700]		[45500]
Isobutyl Alcohol	UG/L	4600	-	-		<100U			<100U			<100U			<100U	
Isodrin	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Isophorone	UG/L	-	40	-		<0.5U			<0.6U			<0.6U			<0.5U	
Isosafrole	UG/L	-	-	-		<2U			<2U			<2U			<2U	
Lead	UG/L	-	15	-	<5.1U	<0.085U	<4.7U	<5.1U	<0.085U	<4.7U	<5.1U	<0.085U	9.6J	<5.1U	<0.085U	10J
Manganese	UG/L	-	50	-	[63.6]		[67.3]	41.1		18.6	[292]		[269]	[268]		[249]
Mercury	UG/L	-	1	-	<0.07U	<0.06U	<0.06U	<0.07U	<0.06U	<0.06U	<0.07U	<0.06U	<0.06U	<0.07U	<0.06U	<0.06U
Meta- And Para-Xylene	UG/L	-	-	-		<5.00U			<5.00U			<5.00U			<5.00U	
Methacrylonitrile	UG/L	1.5	-	-		<10U			<10U			<10U			<10U	
Methanol	MG/L	-	4	-												
Methapyrilene	UG/L	-	-	-		<16U			<17U			<17U			<16U	
Methyl Bromide	UG/L	7	-	10		<1U			<1U			<1U			<1U	
Methyl Chloride	UG/L	-	3	-		<1U			<1U			<1U			<1U	
Methyl Ethyl Ketone	MG/L	-	4	-		<0.003U			<0.003U			<0.003U			<0.003U	
Methyl Isobutyl Ketone	UG/L	-	-	100		<3U			<3U			<3U			<3U	
Methyl Methacrylate	UG/L	-	-	25		<1U			<1U			<1U			<1U	
Methyl Methanesulfonate	UG/L	0.68	-	-		<1U			<1U			<1U			<1U	
Methyl Tertiary Butyl Ether	UG/L	-	20	-		<2.00U			<2.00U			<2.00U			<2.00U	
Methylene Bromide	UG/L	-	-	70		<1U			<1U			<1U			<1U	
Methylene Chloride	UG/L	-	5	-		<2U			<2U			<2U			<2U	
N-Dioctyl Phthalate	UG/L	-	100	-		<2U			<2U			<2U			<2U	
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-		<2U			<2U			<2U			<2U	
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-		<2U			<2U			<2U			<2U	
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
N-Nitrosodiethylamine	UG/L	0.00014	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
N-Nitrosodimethylamine	UG/L	-	0.0007	-		<2U			<2U			<2U			<2U	
N-Nitrosodiphenylamine	UG/L	10	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
N-Nitrosomorpholine	UG/L	0.01	-	-		<2U			<2U			<2U			<2U	
N-Nitrosopiperidine	UG/L	0.0071	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
N-Nitrosopyrrolidine	UG/L	0.032	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Naphthalene	UG/L	-	6	-		<3.00U			<3.00U			<3.00U			<3.00U	
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-		<50.0U			<50.0U			<50.0U			<50.0U	
Nickel	UG/L	-	100	-		2.4J			4J			<1.5U			<1.5U	
Nitrate	MG/L	-	10	-	<0.25U		<0.25U	5.4		3.6	<0.25U		<0.25U	<0.25U		<0.25U
Nitrobenzene	UG/L	0.12	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
O,O,O-Triethylphosphorothioate	UG/L	-	-	-		<2U			<2U			<2U			<2U	
O-Toluidine	UG/L	-	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Ortho-Xylene	UG/L	190	-	-		<2.00U			<2.00U			<2.00U			<2.00U	
para-Phenylenediamine	UG/L	3000	-	-		<79U			<85U			<83U			<79U	
Pentachlorobenzene	UG/L	2.3	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Pentachloroethane	UG/L	0.56	-	-		<1U			<1U			<1U			<1U	
Pentachloronitrobenzene	UG/L	0.1	-	-		<2U			<2U			<2U			<2U	
Pentachlorophenol	UG/L	-	0.3	-		<1U			<1U			<1U			<1U	
Ph	STD UNITS	-	-	-												
Phenacetin	UG/L	30	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Phenanthrene	UG/L	-	200	-		<0.60U			<0.59U			<0.61U			<0.61U	
Phenol	UG/L	-	30	-		<0.5U			<0.6U			2			<0.5U	
Pronamide	UG/L	900	-	-		<0.5U			<0.6U			<0.6U			<0.5U	
Propionitrile	UG/L	-	-	-		<30U			<30U			<30U			<30U	
Propylene Glycol	UG/L	-	-	140000		<8000U			<8000U			<8000U			<8000U	
Pyrene	UG/L	-	200	-		<4.0U			<4.0U			<4.1U			<4.0U	
Pyridine	UG/L	15	-	-		<2U			<2U			<2U			<2U	
Safrole	UG/L	0.083	-	-		<2U			<2U			<2U			<2U	
Selenium	UG/L	-	20	-	<7.5U	<0.5U	<8.4U	<7.5U	<0.5U	<8.4U	<7.5U	<0.5U	<8.4U	<7.5U	<0.5U	<8.4U
Silver	UG/L	-	20	-	<1.2U	<2.1U	<2.1U	<1.2U	<2.1U	<2.1U	<1.2U	<2.1U	<2.1U	<1.2U	<2.1U	<2.1U
Styrene	UG/L	-	70	-		<1U			<1U			<1U			<1U	

Notes:
UG/L= Micrograms per Liter
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Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	MW-16	MW-16	MW-16
				Sample Date	05/07/2013	11/12/2013	05/15/2014	05/07/2013	11/13/2013	05/14/2014	05/07/2013	11/13/2013	05/14/2014	05/07/2013	11/11/2013	05/14/2014
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Sulfate	MG/L	-	250	-	45.5		39.2	32.6		25.3	<1.5U		<1.5U	12.1		3.9J
Terephthalic Acid	UG/L	15000	-	-		<100U			<100U			<100U			<100U	
Tetrachloroethene	UG/L	-	0.7	-		<0.8U			<0.8U			<0.8U			<0.8U	
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-		<1U			<1U			<1U			<1U	
Thallium	UG/L	-	-	0.2		<0.15U			<0.15U			<0.15U			<0.15U	
Thionazin	UG/L	-	-	-		<2U			<2U			<2U			<2U	
Tin	UG/L	-	-	2000		<2.9U			<2.9U			<2.9U			<2.9U	
Toluene	UG/L	-	600	-		<2.00U			<2.00U			<2.00U			<2.00U	
Total Dissolved Solids	MG/L	-	500	-	341		336	139		126	[886]		[757]	256		249
Total Organic Carbon	MG/L	-	-	-	14.9		19.1J	2.6		3.1J	16.1		19.3J	8.2		10J
Total Organic Halogen	UG/L	-	-	-	230		280B	17		13B	68		91	99		74B
Total Suspended Solids	MG/L	-	-	-												
trans-1,2-Dichloroethene	UG/L	-	100	-		<0.8U			<0.8U			<0.8U			<0.8U	
trans-1,3-Dichloropropene	UG/L	-	-	-		<1U			<1U			<1U			<1U	
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-		<15U			<15U			<15U			<15U	
Trichloroethene	UG/L	-	3	-		<1U			<1U			<1U			<1U	
Trichlorofluoromethane	MG/L	-	2	-		<0.002U			<0.002U			<0.002U			<0.002U	
Triethylene Glycol	UG/L	-	-	-		<8000U			<8000U			<8000U			<8000U	
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-		<40U			<40U			<41U			<40U	
Vanadium	UG/L	-	-	0.3		<2U			<2U			[2.1J]			<2U	
Vinyl Acetate	UG/L	-	-	88		<2U			<2U			<2U			<2U	
Vinyl Chloride	UG/L	-	0.03	-		<0.010U			<0.010U			0.013J			[0.39]	
Xylenes	UG/L	-	500	-		<0.8U			<0.8U			<0.8U			<0.8U	
Zinc	MG/L	-	1	-	0.0044J	0.0042J	0.0239J	<0.0020U	0.0114J	<0.0020U	<0.0020U	<0.0020U	0.0054J	<0.0020U	<0.0020U	0.0028J

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Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-17A	MW-17A	MW-17A	MW-17A	MW-17A	MW-18	MW-18	MW-18	MW-19	MW-19	MW-20	MW-20
				Sample Date	05/07/2013	05/07/2013	11/05/2013	05/15/2014	05/15/2014	05/07/2013	11/05/2013	05/15/2014	05/10/2013	10/25/2013	05/10/2013	10/25/2013
				Sample Purpose	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
1,1,1,2-Tetrachloroethane	UG/L	-	-	1			<1U				<1U			<1U		<1U
1,1,1-Trichloroethane	UG/L	-	200	-			<0.8U				<0.8U			<0.8U		<0.8U
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-			<1U				<1U			<1U		<1U
1,1,2-Trichloroethane	UG/L	-	-	0.6			<0.8U				<0.8U			<0.8U		<0.8U
1,1-Dichloroethane	UG/L	-	6	-			[110]				<1U			<1U		<1U
1,1-Dichloroethene	UG/L	-	7	-			[21]				<0.8U			<0.8U		<0.8U
1,2,3-Trichloropropane	UG/L	-	0.005	-			<1U				<1U			<1U		<1U
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2			<0.5U				<0.7U			<0.5U		<0.5U
1,2,4-Trichlorobenzene	UG/L	-	70	-			<0.5U				<0.7U			<0.5U		<0.5U
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-			<2U				<2U			<2U		<2U
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-			<1U				<1U			<1U		<1U
1,2-Dichlorobenzene	UG/L	-	20	-			<0.5U				<0.7U			<0.5U		<0.5U
1,2-Dichloroethane	UG/L	-	0.4	-			<1U				<1U			<1U		<1U
1,2-Dichloropropane	UG/L	-	0.6	-			[1J]				<1U			<1U		<1U
1,2-Diphenylhydrazine	UG/L	0.067	-	-			<0.5U				<0.7U			<0.5U		<0.5U
1,3,5-Trinitrobenzene	UG/L	460	-	-			<5U				<7U			<5U		<5U
1,3-Dichlorobenzene	UG/L	-	200	-			<0.5U				<0.7U			<0.5U		<0.5U
1,3-Dinitrobenzene	UG/L	1.5	-	-			<2U				<3U			<2U		<2U
1,4-Dichlorobenzene	UG/L	-	6	-			<0.5U				<0.7U			<0.5U		<0.5U
1,4-Dioxane	UG/L	-	3	-			[36]				<1U		<1U	<1U	[9]	3J
1,4-Naphthoquinone	UG/L	-	-	-			<11R				<13R			<11U		<10U
1-Naphthylamine	UG/L	-	-	-			<5U				<7U			<5U		<5U
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-			<0.5U				<0.7U			<0.5U		<0.5U
2,4,5-Trichlorophenol	UG/L	-	-	63			<0.5U				<0.7U			<0.5U		<0.5U
2,4,6-Trichlorophenol	UG/L	-	-	4			<0.5U				<0.7U			<0.5U		<0.5U
2,4-Dichlorophenol	UG/L	-	-	0.98			<0.5U				<0.7U			<0.5U		<0.5U
2,4-Dimethylphenol	UG/L	-	100	-			<0.5U				<0.7U			<0.5U		<0.5U
2,4-Dinitrophenol	UG/L	30	-	-			<11U				<13U			<11U		<10U
2,4-Dinitrotoluene	UG/L	-	-	0.1			<1U				<1U			<1U		<1U
2,6-Dichlorophenol	UG/L	-	-	-			<0.5U				<0.7U			<0.5U		<0.5U
2,6-Dinitrotoluene	UG/L	0.042	-	-			<0.5U				<0.7U			<0.5U		<0.5U
2-Acetylaminofluorene	UG/L	0.013	-	-			<2U				<3U			<2U		<2U
2-Chloronaphthalene	UG/L	550	-	-			<0.4U				<0.5U			<0.4U		<0.4U
2-Chlorophenol	UG/L	-	0.4	-			<0.5U				<0.7U			<0.5U		<0.5U
2-Hexanone	UG/L	-	-	40			<3U				<3U			<3U		<3U
2-Methylnaphthalene	UG/L	-	30	-			<0.59U				<0.59U			<0.59U		<0.58U
2-Methylphenol (O-Cresol)	UG/L	-	-	400			240				<0.7U			<0.5U		<0.5U
2-Naphthylamine	UG/L	0.033	-	-			<5U				<7U			<5U		<5U
2-Nitroaniline	UG/L	150	-	-			<0.5U				<0.7U			<0.5U		<0.5U
2-Nitrophenol	UG/L	-	-	-			<0.5U				<0.7U			<0.5U		<0.5U
2-Picoline	UG/L	-	-	-			<2U				<3U			<2U		<2U
3,3'-Dichlorobenzidine	UG/L	0.11	-	-			<2U				<3U			<2U		<2U
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-			<26U				<33U			<26U		<26U
3-Methylcholanthrene	UG/L	0.00098	-	-			<0.5U				<0.7U			<0.5U		<0.5U
3-Nitroaniline	UG/L	-	-	-			<0.5U				<0.7U			<0.5U		<0.5U
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-			<5U				<7U			<5U		<5U
4-Aminobiphenyl	UG/L	0.0026	-	-			<0.5U				<0.7U			<0.5U		<0.5U
4-Bromophenyl Phenyl Ether	UG/L	-	-	-			<0.5U				<0.7U			<0.5U		<0.5U
4-Chloro-3-Methylphenol	UG/L	1100	-	-			<0.5U				<0.7U			<0.5U		<0.5U
4-Chloroaniline	UG/L	0.32	-	-			<0.5U				<0.7U			<0.5U		<0.5U
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-			<0.5U				<0.7U			<0.5U		<0.5U
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-			<0.5U				<0.7U			<0.5U		<0.5U
4-Methylphenol (P-Cresol)	UG/L	-	40	-			[52]				<0.7U			<0.5U		<0.5U
4-Nitroaniline	UG/L	3.3	-	-			<0.5U				<0.7U			<0.5U		<0.5U
4-Nitrophenol	UG/L	-	-	-			<11U				<13U			<11U		<10U
4-Nitroquinoline-N-Oxide	UG/L	-	-	-			<21U				<26U			<21U		<21U
5-Nitro-Ortho-Toluidine	UG/L	7	-	-			<0.5U				<0.7U			<0.5U		<0.5U
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Acenaphthene	UG/L	-	80	-			<0.59U				<0.59U			<0.59U		<0.58U
Acenaphthylene	UG/L	-	200	-			<0.68U				<0.69U			<0.69U		<0.67U
Acetaldehyde	UG/L	2.2	-	-			[540J]				<50UJ			<50U		<50U
Acetone	MG/L	-	6	-			0.043				<0.006U			<0.006U		<0.006U
Acetonitrile	UG/L	130	-	-			<25U				<25U			<25U		<25U
Acetophenone	UG/L	-	-	700			1				<0.7U			<0.5U		<0.5U
Acrolein	UG/L	-	-	4			<1.6UJ				<1.6UJ			<1.6UJ		<1.6UJ
Acrylonitrile	UG/L	0.045	-	-			<1.9U				<1.9U			<1.9U		<1.9U

Notes:
UG/L= Micrograms per Liter
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IMAC = Interim Maximum Contaminant Level
J = Estimated Value
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Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-17A	MW-17A	MW-17A	MW-17A	MW-17A	MW-18	MW-18	MW-18	MW-19	MW-19	MW-20	MW-20
				Sample Date	05/07/2013	05/07/2013	11/05/2013	05/15/2014	05/15/2014	05/07/2013	11/05/2013	05/15/2014	05/10/2013	10/25/2013	05/10/2013	10/25/2013
				Sample Purpose	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-	<0.70U	<0.70U		<0.70U	<0.70U	<0.70U		<0.70U				
Alkalinity, Total	MG CACO3/L	-	-	-	180	176		164	172	15.2		20.7				
Allyl Chloride	UG/L	0.63	-	-			<1U				<1U			<1U		<1U
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-			<5U				<7U			<5U		<5U
Aniline	UG/L	12	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Anthracene	MG/L	-	2	-			<0.00059U				<0.00059U			<0.00059U		<0.00058U
Antimony	UG/L	-	-	1			<5.3U				<5.3U			<5.3U		<5.3U
Aramite	UG/L	1.1	-	-			<5U				<7U			<5U		<5U
Arsenic	UG/L	-	10	-	<6.8U	<6.8U	4.4	<6.8U	<6.8U	<6.8U	<0.42U	<6.8U		3J		3.8J
Barium	UG/L	-	700	-	10.9	10.5	8.6J	11.4	11.6	26.7	29.1	21.4		16.8		10.6
Benzene	UG/L	-	1	-			[51]				<2.00U			<2.00U		<2.00U
Benzo(A)Anthracene	UG/L	-	0.05	-			<0.68U				<0.69U			<0.69U		<0.67U
Benzo(B)Fluoranthene	UG/L	-	0.05	-			<0.59U				<0.59U			<0.59U		<0.58U
Benzo(G,H,I)Perylene	UG/L	-	200	-			<0.59U				<0.59U			<0.59U		<0.58U
Benzo(K)Fluoranthene	UG/L	-	0.5	-			<0.88U				<0.89U			<0.89U		<0.86U
Benzo(A)Pyrene	UG/L	-	0.005	-			<0.59U				<0.59U			<0.59U		<0.58U
Benzyl Alcohol	UG/L	-	-	700			<5U				<7U			<5U		<5U
Beryllium	UG/L	-	-	4			<0.67U				<0.67U			<0.67U		<0.67U
Biphenyl	UG/L	-	400	-			6				<0.7U			<0.5U		<0.5U
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-			<0.5U				<0.7U			<0.5U		<0.5U
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-			<0.5UJ				<0.7UJ			<0.5U		<0.5U
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-			<2U				<3U			<2U		<2U
Bromodichloromethane	UG/L	-	0.6	-			<1U				<1U			<1U		<1U
Bromoform	UG/L	-	4	-			<1U				<1U			<1U		<1U
Butyl Benzyl Phthalate	MG/L	-	1	-			<0.002U				<0.003U			<0.002U		<0.002U
C11 to C22 Aromatics	UG/L	-	-	-			71				<40U			<40U		<38U
C19 to C36 Aliphatics	UG/L	-	-	-			<49U				<50U			<49U		<48U
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-			398				<50.0U			<50.0U		<50.0U
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-			483				<50.0U			<50.0U		<50.0U
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-			<20.0U				<20.0U			<20.0U		<20.0U
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-			<50.0U				<50.0U			<50.0U		<50.0U
C9 to C18 Aliphatics	UG/L	-	700	-			<29U				<30U			<30U		<29U
Cadmium	UG/L	-	2	-	0.45J	0.67J	<0.76U	<0.76U	<0.76U	<0.36U	<0.76U	<0.76U		<0.76U		<0.76U
Carbon Disulfide	UG/L	-	700	-			<1U				<1U			<1U		<1U
Carbon Tetrachloride	UG/L	-	0.3	-			<1U				<1U			<1U		<1U
Chemical Oxygen Demand (COD)	MG/L	-	-	-	501	448		608J	605J	<12.8U		<12.8U				
Chloride	MG/L	-	250	-	57.9J	29.1J		70.7	70.1	4		5.8				
Chlorobenzene	UG/L	-	50	-			2J				<0.8U			<0.8U		<0.8U
Chlorobenzilate	UG/L	0.27	-	-			<3U				<4U			<3U		<3U
Chlorodibromomethane	UG/L	-	0.4	-			<1U				<1U			<1U		<1U
Chloroform	UG/L	-	70	-			<0.8U				<0.8U			<0.8U		<0.8U
Chloroprene	UG/L	0.016	-	-			<1U				<1U			<1U		<1U
Chromium	UG/L	-	10	-	<1.1U	<1.1U	1.7J	3.3J	2.8J	<1.1U	<1.6U	<1.6U		7.5J		2.8J
Chrysene	UG/L	-	5	-			<0.49U				<0.50U			<0.49U		<0.48U
cis-1,2 Dichloroethene	UG/L	-	70	-			[660]				<0.8U			<0.8U		<0.8U
cis-1,3-Dichloropropene	UG/L	-	-	-			<1U				<1U			<1U		<1U
Cobalt	UG/L	-	-	1			<1.3U				<1.3U			<1.3U		<1.3U
Copper	MG/L	-	1	-	<0.0021U	<0.0021U	<0.0027U	<0.0027U	<0.0027U	<0.0021U	<0.0027U	<0.0027U		<0.0027U		<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-			<2U				<3U			<2U		<2U
Diallate	UG/L	0.46	-	-			<1U				<1U			<1U		<1U
Dibenz(A,H)Anthracene	UG/L	-	0.005	-			<0.49U				<0.50U			<0.49U		<0.48U
Dibenzofuran	UG/L	-	-	28			<0.5U				<0.7U			<0.5U		<0.5U
Dichlorodifluoromethane	MG/L	-	1	-			<0.002U				<0.002U			<0.002U		<0.002U
Diethyl Phthalate	MG/L	-	6	-			<0.002U				<0.003U			<0.002U		<0.002U
Diethylene Glycol	UG/L	-	-	-			<8000U				<8000U			<8000U		<8000U
Dimethoate	UG/L	3.1	-	-			<3U				<4U			<3U		<3U
Dimethyl Phthalate	UG/L	-	-	-			<2U				<3U			<2U		<2U
Dimethyl Terephthalate	UG/L	1400	-	-												
Diphenyl Ether	UG/L	-	-	100			65				<0.7U			<0.5U		<0.5U
Ethyl Chloride	UG/L	-	3000	-			<1U				<1U			<1U		<1U
Ethyl Methacrylate	UG/L	420	-	-			<1U				<1U			<1U		<1U
Ethyl Methanesulfonate	UG/L	-	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Ethylbenzene	UG/L	-	600	-			1J				<2.00U			<2.00U		<2.00U
Ethylene Glycol	MG/L	-	10	-			<8U				<8U			<8U		<8U
Fluoranthene	UG/L	-	300	-			<0.49U				<0.50U			<0.49U		<0.48U

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Kinston, North Carolina

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				Sample Date	05/07/2013	05/07/2013	11/05/2013	05/15/2014	05/15/2014	05/07/2013	11/05/2013	05/15/2014	05/10/2013	10/25/2013	05/10/2013	10/25/2013
				Sample Purpose	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Fluorene	UG/L	-	300	-			<0.59U				<0.59U			<0.59U		<0.58U
Fluoride	MG/L	-	2	-	<0.40U	<0.40U		[11.7]	[12.0]	<0.40U		<0.40U				
Hexachlorobenzene	UG/L	-	0.02	-			<0.1U				<0.1U			<0.1U		<0.1U
Hexachlorobutadiene	UG/L	-	0.4	-			<0.5U				<0.7U			<0.5U		<0.5U
Hexachlorocyclopentadiene	UG/L	22	-	-			<5U				<7U			<5U		<5U
Hexachloroethane	UG/L	0.79	-	-			<1U				<1U			<1U		<1U
Hexachloropropylene	UG/L	-	-	-			<2U				<3U			<2U		<2U
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-			<0.59U				<0.59U			<0.59U		<0.58U
Iodomethane	UG/L	-	-	-			<1U				<1U			<1U		<1U
Iron	UG/L	-	300	-	[134000]	[127000]		[147000]	[153000]	<33.3U		<43U				
Isobutyl Alcohol	UG/L	4600	-	-			<100U				<100U			<100U		<100U
Isodrin	UG/L	-	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Isophorone	UG/L	-	40	-			<0.5U				<0.7U			<0.5U		<0.5U
Isosafrole	UG/L	-	-	-			<2U				<3U			<2U		<2U
Lead	UG/L	-	15	-	<5.1U	<5.1U	<0.085U	[34.6]	[37.4]	<5.1U	<0.085U	<4.7U		3.2		0.93J
Manganese	UG/L	-	50	-	[277]	[266]		[300]	[311]	37.9		26.6				
Mercury	UG/L	-	1	-	<0.07U	<0.07U	<0.06U	<0.06U	<0.06U	<0.07U	<0.06U	<0.06U		0.074J		<0.06U
Meta- And Para-Xylene	UG/L	-	-	-			<5.00U				<5.00U			<5.00U		<5.00U
Methacrylonitrile	UG/L	1.5	-	-			<10U				<10U			<10U		<10U
Methanol	MG/L	-	4	-												
Methapyrilene	UG/L	-	-	-			<16U				<20U			<16U		<16U
Methyl Bromide	UG/L	7	-	10			<1U				<1U			<1U		<1U
Methyl Chloride	UG/L	-	3	-			<1U				<1U			<1U		<1U
Methyl Ethyl Ketone	MG/L	-	4	-			<0.003U				<0.003U			<0.003U		<0.003U
Methyl Isobutyl Ketone	UG/L	-	-	100			4J				<3U			<3U		<3U
Methyl Methacrylate	UG/L	-	-	25			<1U				<1U			<1U		<1U
Methyl Methanesulfonate	UG/L	0.68	-	-			<1U				<1U			<1U		<1U
Methyl Tertiary Butyl Ether	UG/L	-	20	-			<2.00U				<2.00U			<2.00U		<2.00U
Methylene Bromide	UG/L	-	-	70			<1U				<1U			<1U		<1U
Methylene Chloride	UG/L	-	5	-			<2U				<2U			<2U		<2U
N-Dioctyl Phthalate	UG/L	-	100	-			<2U				<3U			<2U		<2U
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-			<2U				<3U			<2U		<2U
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-			<2U				<3U			<2U		<2U
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-			<0.5U				<0.7U			<0.5U		<0.5U
N-Nitrosodiethylamine	UG/L	0.00014	-	-			<0.5U				<0.7U			<0.5U		<0.5U
N-Nitrosodimethylamine	UG/L	-	0.0007	-			<2U				<3U			<2U		<2U
N-Nitrosodiphenylamine	UG/L	10	-	-			<0.5U				<0.7U			<0.5U		<0.5U
N-Nitrosomorpholine	UG/L	0.01	-	-			<2UJ				<3UJ			<2U		<2U
N-Nitrosopiperidine	UG/L	0.0071	-	-			<0.5U				<0.7U			<0.5U		<0.5U
N-Nitrosopyrrolidine	UG/L	0.032	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Naphthalene	UG/L	-	6	-			1				<3.00U			<3.00U		<3.00U
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-			<50.0U				<50.0U			<50.0U		<50.0U
Nickel	UG/L	-	100	-			1.6J				<1.5U			1.7J		<1.5U
Nitrate	MG/L	-	10	-	<0.25U	<0.25U		<0.25U	<0.25U	1.8		1.6				
Nitrobenzene	UG/L	0.12	-	-			<0.5U				<0.7U			<0.5U		<0.5U
O,O,O-Triethylphosphorothioate	UG/L	-	-	-			<2U				<3U			<2U		<2U
O-Toluidine	UG/L	-	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Ortho-Xylene	UG/L	190	-	-			<2.00U				<2.00U			<2.00U		<2.00U
para-Phenylenediamine	UG/L	3000	-	-			<79U				<99U			<79U		<78U
Pentachlorobenzene	UG/L	2.3	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Pentachloroethane	UG/L	0.56	-	-			<1U				<1U			<1U		<1U
Pentachloronitrobenzene	UG/L	0.1	-	-			<2U				<3U			<2U		<2U
Pentachlorophenol	UG/L	-	0.3	-			<1U				<1U			<1U		<1U
Ph	STD UNITS	-	-	-												
Phenacetin	UG/L	30	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Phenanthrene	UG/L	-	200	-			<0.59U				<0.59U			<0.59U		<0.58U
Phenol	UG/L	-	30	-			9				<0.7U			<0.5U		<0.5U
Pronamide	UG/L	900	-	-			<0.5U				<0.7U			<0.5U		<0.5U
Propionitrile	UG/L	-	-	-			<30U				<30U			<30U		<30U
Propylene Glycol	UG/L	-	-	140000			<8000U				<8000U			<8000U		<8000U
Pyrene	UG/L	-	200	-			<3.9U				<4.2U			<4.0U		<3.8U
Pyridine	UG/L	15	-	-			9				<3U			<2U		<2U
Safrole	UG/L	0.083	-	-			<2U				<3U			<2U		<2U
Selenium	UG/L	-	20	-	7.9J	9J	<0.5U	15.8J	13.6J	<7.5U	0.86J	<8.4U		1.3J		<0.5UJ
Silver	UG/L	-	20	-	<1.2U	<1.2U	<2.1U	<2.1U	<2.1U	<1.2U	<2.1U	<2.1U		<2.1U		<2.1U
Styrene	UG/L	-	70	-			<1U				<1U			<1U		<1U

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				Sample Date	05/07/2013	05/07/2013	11/05/2013	05/15/2014	05/15/2014	05/07/2013	11/05/2013	05/15/2014	05/10/2013	10/25/2013	05/10/2013	10/25/2013
				Sample Purpose	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Sulfate	MG/L	-	250	-	4.0J	6.4		1.8J	2.0J	36.2		25.3				
Terephthalic Acid	UG/L	15000	-	-			4300				<100U			<100U		<100U
Tetrachloroethene	UG/L	-	0.7	-			<0.8U				<0.8U			<0.8U		<0.8U
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-			<1U				<1U			<1U		<1U
Thallium	UG/L	-	-	0.2			<0.15U				<0.15U			<0.15U		<0.15U
Thionazin	UG/L	-	-	-			<2U				<3U			<2U		<2U
Tin	UG/L	-	-	2000			<2.9U				<2.9U			<2.9U		<2.9U
Toluene	UG/L	-	600	-			37				<2.00U			<2.00U		<2.00U
Total Dissolved Solids	MG/L	-	500	-	393	385		446	482	105		83				
Total Organic Carbon	MG/L	-	-	-	136	137		182J	187J	1.4		2.9J				
Total Organic Halogen	UG/L	-	-	-	930	940		2500	2100J	13		10B				
Total Suspended Solids	MG/L	-	-	-												
trans-1,2-Dichloroethene	UG/L	-	100	-			7				<0.8U			<0.8U		<0.8U
trans-1,3-Dichloropropene	UG/L	-	-	-			<1U				<1U			<1U		<1U
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-			<15U				<15U			<15U		<15U
Trichloroethene	UG/L	-	3	-			<1U				<1U			<1U		<1U
Trichlorofluoromethane	MG/L	-	2	-			<0.002U				<0.002U			<0.002U		<0.002U
Triethylene Glycol	UG/L	-	-	-			<8000U				<8000U			<8000U		<8000U
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-			71				<40U			<40U		<38U
Vanadium	UG/L	-	-	0.3			[3.8J]				<2U			[21.3]		[8.7J]
Vinyl Acetate	UG/L	-	-	88			<2U				<2U			<2U		<2U
Vinyl Chloride	UG/L	-	0.03	-			[3.2]				<0.010U			<0.010U		<0.010U
Xylenes	UG/L	-	500	-			4J				<0.8U			<0.8U		<0.8U
Zinc	MG/L	-	1	-	0.0043J	0.0045J	<0.0020U	0.0126J	0.0069J	<0.0020U	<0.0020U	<0.0020U		<0.0020U		<0.0020U

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Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-21	MW-21	MW-22	MW-22	MW-22	MW-23A	MW-23A	MW-24	MW-25	MW-25	MW-26A	MW-26A
				Sample Date	05/06/2013	11/05/2013	05/06/2013	05/06/2013	11/05/2013	05/06/2013	11/14/2013	11/14/2013	05/07/2013	11/04/2013	05/06/2013	11/04/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
1,1,1,2-Tetrachloroethane	UG/L	-	-	1		<1U			<1U		<1U	<1U		<1U		<1U
1,1,1-Trichloroethane	UG/L	-	200	-		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-		<1U			<1U		<1U	<1U		<1U		<1U
1,1,2-Trichloroethane	UG/L	-	-	0.6		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
1,1-Dichloroethane	UG/L	-	6	-		<1U			<1U		<1U	<1U		<1U		<1U
1,1-Dichloroethene	UG/L	-	7	-		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
1,2,3-Trichloropropane	UG/L	-	0.005	-		<1U			<1U		<1U	<1U		<1U		<1U
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
1,2,4-Trichlorobenzene	UG/L	-	70	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-		<2U			<2U		<2U	<2U		<2U		<2U
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-		<1U			<1U		<1U	<1U		<1U		<1U
1,2-Dichlorobenzene	UG/L	-	20	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
1,2-Dichloroethane	UG/L	-	0.4	-		<1U			<1U		<1U	<1U		<1U		<1U
1,2-Dichloropropane	UG/L	-	0.6	-		<1U			<1U		<1U	<1U		<1U		<1U
1,2-Diphenylhydrazine	UG/L	0.067	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
1,3,5-Trinitrobenzene	UG/L	460	-	-		<5U			<5U		<5U	<5U		<5U		<5U
1,3-Dichlorobenzene	UG/L	-	200	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
1,3-Dinitrobenzene	UG/L	1.5	-	-		<2U			<2U		<2U	<2U		<2U		<2U
1,4-Dichlorobenzene	UG/L	-	6	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
1,4-Dioxane	UG/L	-	3	-	[14]	[4J]	[17]	[18]	[13]	[4J]	[7]	2J	3J	[4J]		<1U
1,4-Naphthoquinone	UG/L	-	-	-		<10R			<11R		<11U	<11U		<11R		<10R
1-Naphthylamine	UG/L	-	-	-		<5UJ			<5U		<5U	<5U		<5U		<5U
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2,4,5-Trichlorophenol	UG/L	-	-	63		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2,4,6-Trichlorophenol	UG/L	-	-	4		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2,4-Dichlorophenol	UG/L	-	-	0.98		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2,4-Dimethylphenol	UG/L	-	100	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2,4-Dinitrophenol	UG/L	30	-	-		<10U			<11U		<11U	<11U		<11U		<10U
2,4-Dinitrotoluene	UG/L	-	-	0.1		<1U			<1U		<1U	<1U		<1U		<1U
2,6-Dichlorophenol	UG/L	-	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2,6-Dinitrotoluene	UG/L	0.042	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2-Acetylaminofluorene	UG/L	0.013	-	-		<2U			<2U		<2U	<2U		<2U		<2U
2-Chloronaphthalene	UG/L	550	-	-		<0.4U			<0.4U		<0.4U	<0.4U		<0.4U		<0.4U
2-Chlorophenol	UG/L	-	0.4	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2-Hexanone	UG/L	-	-	40		<3U			<3U		<3U	<3U		<3U		<3U
2-Methylnaphthalene	UG/L	-	30	-		<0.60U			<1.2U		<0.59U	<0.60U		<0.67U		<0.58U
2-Methylphenol (O-Cresol)	UG/L	-	-	400		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2-Naphthylamine	UG/L	0.033	-	-		<5U			<5U		<5U	<5U		<5U		<5U
2-Nitroaniline	UG/L	150	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2-Nitrophenol	UG/L	-	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
2-Picoline	UG/L	-	-	-		<2U			<2U		<2U	<2U		<2U		<2U
3,3'-Dichlorobenzidine	UG/L	0.11	-	-		<2U			<2U		<2U	<2U		<2U		<2U
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-		<26R			<26U		<27U	<26U		<27U		<26U
3-Methylcholanthrene	UG/L	0.00098	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
3-Nitroaniline	UG/L	-	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-		<5U			<5U		<5U	<5U		<5U		<5U
4-Aminobiphenyl	UG/L	0.0026	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4-Bromophenyl Phenyl Ether	UG/L	-	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4-Chloro-3-Methylphenol	UG/L	1100	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4-Chloroaniline	UG/L	0.32	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4-Methylphenol (P-Cresol)	UG/L	-	40	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4-Nitroaniline	UG/L	3.3	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
4-Nitrophenol	UG/L	-	-	-		<10U			<11U		<11U	<11U		<11U		<10U
4-Nitroquinoline-N-Oxide	UG/L	-	-	-		<21U			<21U		<21U	<21U		<22U		<21U
5-Nitro-Ortho-Toluidine	UG/L	7	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Acenaphthene	UG/L	-	80	-		<0.60U			<1.2U		<0.59U	<0.60U		<0.67U		<0.58U
Acenaphthylene	UG/L	-	200	-		<0.70U			<1.4U		<0.69U	<0.69U		<0.78U		<0.68U
Acetaldehyde	UG/L	2.2	-	-		<50UJ			<500UJ		<50U	<50U		<50UJ		<50UJ
Acetone	MG/L	-	6	-		<0.006U			<0.006U		<0.006U	<0.006U		<0.006U		<0.006U
Acetonitrile	UG/L	130	-	-		<25UJ			<25U		<25U	<25U		<25U		<25U
Acetophenone	UG/L	-	-	700		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Acrolein	UG/L	-	-	4	<10.0U	<1.6UJ	[8.2J]	[8.3J]	1.7J		<1.6UJ	<1.6UJ		<1.6UJ	<10.0U	<1.6UJ
Acrylonitrile	UG/L	0.045	-	-		<1.9U			<1.9U		<1.9U	<1.9U		<1.9U		<1.9U

Notes:
UG/L= Micrograms per Liter
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IMAC = Interim Maximum Contaminant Level
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Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-21	MW-21	MW-22	MW-22	MW-22	MW-23A	MW-23A	MW-24	MW-25	MW-25	MW-26A	MW-26A
				Sample Date	05/06/2013	11/05/2013	05/06/2013	05/06/2013	11/05/2013	05/06/2013	11/14/2013	11/14/2013	05/07/2013	11/04/2013	05/06/2013	11/04/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-												
Alkalinity, Total	MG CACO3/L	-	-	-												
Allyl Chloride	UG/L	0.63	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-		<5U			<5U		<5U	<5U		<5U		<5U
Aniline	UG/L	12	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Anthracene	MG/L	-	2	-		<0.0006U			<0.0012U		<0.00059U	<0.0006U		<0.00067U		<0.00058U
Antimony	UG/L	-	-	1		[10J]			<5.3U		<5.3U	<5.3U		<5.3U		<5.3U
Aramite	UG/L	1.1	-	-		<5U			<5U		<5U	<5U		<5U		<5U
Arsenic	UG/L	-	10	-		1.6J			1.4J		0.96J	0.64J		<0.42U		<0.42U
Barium	UG/L	-	700	-		10.6			12.9		6.2J	5.2J		13.3		31
Benzene	UG/L	-	1	-		<2.00U			<2.00U		<2.00U	<2.00U		<2.00U		<2.00U
Benzo(A)Anthracene	UG/L	-	0.05	-		<0.70U			<1.4U		<0.69U	<0.69U		<0.78U		<0.68U
Benzo(B)Fluoranthene	UG/L	-	0.05	-		<0.60U			<1.2U		<0.59U	<0.60U		<0.67U		<0.58U
Benzo(G,H,I)Perylene	UG/L	-	200	-		<0.60U			<1.2U		<0.59U	<0.60U		<0.67U		<0.58U
Benzo(K)Fluoranthene	UG/L	-	0.5	-		<0.89U			<1.8U		<0.88U	<0.89U		<1.0U		<0.87U
Benzo(A)Pyrene	UG/L	-	0.005	-		<0.60U			<1.2U		<0.59U	<0.60U		<0.67U		<0.58U
Benzyl Alcohol	UG/L	-	-	700		<5U			<5U		<5U	<5U		<5U		<5U
Beryllium	UG/L	-	-	4		<0.67U			<0.67U		<0.67U	<0.67U		<0.67U		<0.67U
Biphenyl	UG/L	-	400	-		<0.5U	[660]	[630]	19		<0.5U	<0.5U		<0.5U		<0.5U
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-		<0.5UJ			<0.5UJ		<0.5U	<0.5U		<0.5UJ		<0.5UJ
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-		<2U			<2U		<2U	<2U		<2U		<2U
Bromodichloromethane	UG/L	-	0.6	-		<1U			<1U		<1U	<1U		<1U		<1U
Bromoform	UG/L	-	4	-		<1U			<1U		<1U	<1U		<1U		<1U
Butyl Benzyl Phthalate	MG/L	-	1	-		<0.002U			<0.002U		<0.002U	<0.002U		<0.002U		<0.002U
C11 to C22 Aromatics	UG/L	-	-	-		<40U			3300		<39U	<40U		<45U		<39U
C19 to C36 Aliphatics	UG/L	-	-	-		<50U			<50U		<49U	<50U		<56U		<48U
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-		<50.0U			<50.0U		<50.0U	<50.0U		<50.0U		<50.0U
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-		<50.0U			<50.0U		<50.0U	<50.0U		<50.0U		<50.0U
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-		<20.0U			<20.0U		<20.0U	<20.0U		<20.0U		<20.0U
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-		<50.0U			<50.0U		<50.0U	<50.0U		<50.0U		<50.0U
C9 to C18 Aliphatics	UG/L	-	700	-		<30U			<30U		<29U	<30U		<33U		<29U
Cadmium	UG/L	-	2	-		<0.76U			<0.76U		<0.76U	<0.76U		<0.76U		<0.76U
Carbon Disulfide	UG/L	-	700	-		<1U			<1U		<1U	<1U		<1U		<1U
Carbon Tetrachloride	UG/L	-	0.3	-		<1U			<1U		<1U	<1U		<1U		<1U
Chemical Oxygen Demand (COD)	MG/L	-	-	-												
Chloride	MG/L	-	250	-												
Chlorobenzene	UG/L	-	50	-		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
Chlorobenzilate	UG/L	0.27	-	-		<3U			<3U		<3U	<3U		<3U		<3U
Chlorodibromomethane	UG/L	-	0.4	-		<1U			<1U		<1U	<1U		<1U		<1U
Chloroform	UG/L	-	70	-		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
Chloroprene	UG/L	0.016	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Chromium	UG/L	-	10	-		<1.6U			1.9J		2.9J	2.2J		<1.6U		<1.6U
Chrysene	UG/L	-	5	-		<0.50U			<1.0U		<0.49U	<0.50U		<0.56U		<0.48U
cis-1,2 Dichloroethene	UG/L	-	70	-		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
cis-1,3-Dichloropropene	UG/L	-	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Cobalt	UG/L	-	-	1		<1.3U			<1.3U		<1.3U	<1.3U		<1.3U		<1.3U
Copper	MG/L	-	1	-		<0.0027U			<0.0027U		<0.0027U	<0.0027U		<0.0027U		<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-		<2U			<2U		<2U	<2U		<2U		<2U
Diallate	UG/L	0.46	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Dibenz(A,H)Anthracene	UG/L	-	0.005	-		<0.50U			<1.0U		<0.49U	<0.50U		<0.56U		<0.48U
Dibenzofuran	UG/L	-	-	28		<0.5U			2		<0.5U	<0.5U		<0.5U		<0.5U
Dichlorodifluoromethane	MG/L	-	1	-		<0.002U			<0.002U		<0.002U	<0.002U		<0.002U		<0.002U
Diethyl Phthalate	MG/L	-	6	-		<0.002U			<0.002U		<0.002U	<0.002U		<0.002U		<0.002U
Diethylene Glycol	UG/L	-	-	-		<8000U			<8000U		<8000U	<8000U		<8000U		<8000U
Dimethoate	UG/L	3.1	-	-		<3U			<3U		<3U	<3U		<3U		<3U
Dimethyl Phthalate	UG/L	-	-	-		<2U			<2U		<2U	<2U		<2U		<2U
Dimethyl Terephthalate	UG/L	1400	-	-												
Diphenyl Ether	UG/L	-	-	100		<0.5U	[5800]	[5300]	[3500]		<0.5U	<0.5U		<0.5U		<0.5U
Ethyl Chloride	UG/L	-	3000	-		<1U			<1U		<1U	<1U		<1U		<1U
Ethyl Methacrylate	UG/L	420	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Ethyl Methanesulfonate	UG/L	-	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Ethylbenzene	UG/L	-	600	-		<2.00U			<2.00U		<2.00U	<2.00U		<2.00U		<2.00U
Ethylene Glycol	MG/L	-	10	-		<8U			<8U		<8U	<8U		<8U		<8U
Fluoranthene	UG/L	-	300	-		<0.50U			<1.0U		<0.49U	<0.50U		<0.56U		<0.48U

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Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-21	MW-21	MW-22	MW-22	MW-22	MW-23A	MW-23A	MW-24	MW-25	MW-25	MW-26A	MW-26A
				Sample Date	05/06/2013	11/05/2013	05/06/2013	05/06/2013	11/05/2013	05/06/2013	11/14/2013	11/14/2013	05/07/2013	11/04/2013	05/06/2013	11/04/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Fluorene	UG/L	-	300	-		<0.60U			<1.2U		<0.59U	<0.60U		<0.67U		<0.58U
Fluoride	MG/L	-	2	-												
Hexachlorobenzene	UG/L	-	0.02	-		<0.1U			<0.1U		<0.1U	<0.1U		<0.1U		<0.1U
Hexachlorobutadiene	UG/L	-	0.4	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Hexachlorocyclopentadiene	UG/L	22	-	-		<5U			<5U		<5U	<5U		<5U		<5U
Hexachloroethane	UG/L	0.79	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Hexachloropropylene	UG/L	-	-	-		<2U			<2U		<2U	<2U		<2U		<2U
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-		<0.60U			<1.2U		<0.59U	<0.60U		<0.67U		<0.58U
Iodomethane	UG/L	-	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Iron	UG/L	-	300	-												
Isobutyl Alcohol	UG/L	4600	-	-		<100U			<100U		<100U	<100U		<100U		<100U
Isodrin	UG/L	-	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Isophorone	UG/L	-	40	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Isosafrole	UG/L	-	-	-		<2U			<2U		<2U	<2U		<2U		<2U
Lead	UG/L	-	15	-		0.29J			<0.085U		0.26J	<0.085U		0.087J		<0.085U
Manganese	UG/L	-	50	-												
Mercury	UG/L	-	1	-		<0.06U			<0.06U		<0.06U	<0.06U		<0.06U		<0.06U
Meta- And Para-Xylene	UG/L	-	-	-		<5.00U			<5.00U		<5.00U	<5.00U		<5.00U		<5.00U
Methacrylonitrile	UG/L	1.5	-	-		<10U			<10U		<10U	<10U		<10U		<10U
Methanol	MG/L	-	4	-												
Methapyrilene	UG/L	-	-	-		<15U			<16U		<16U	<16U		<16U		<16U
Methyl Bromide	UG/L	7	-	10		<1U			<1U		<1U	<1U		<1U		<1U
Methyl Chloride	UG/L	-	3	-		<1U			<1U		<1U	<1U		<1U		<1U
Methyl Ethyl Ketone	MG/L	-	4	-		<0.003U			<0.003U		<0.003U	<0.003U		<0.003U		<0.003U
Methyl Isobutyl Ketone	UG/L	-	-	100		<3U			<3U		<3U	<3U		<3U		<3U
Methyl Methacrylate	UG/L	-	-	25		<1U			<1U		<1U	<1U		<1U		<1U
Methyl Methanesulfonate	UG/L	0.68	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Methyl Tertiary Butyl Ether	UG/L	-	20	-		<2.00U			<2.00U		<2.00U	<2.00U		<2.00U		<2.00U
Methylene Bromide	UG/L	-	-	70		<1U			<1U		<1U	<1U		<1U		<1U
Methylene Chloride	UG/L	-	5	-		<2U			<2U		<2U	<2U		<2U		<2U
N-Dioctyl Phthalate	UG/L	-	100	-		<2U			<2U		<2U	<2U		<2U		<2U
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-		<2U			<2U		<2U	<2U		<2U		<2U
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-		<2U			<2U		<2U	<2U		<2U		<2U
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
N-Nitrosodiethylamine	UG/L	0.00014	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
N-Nitrosodimethylamine	UG/L	-	0.0007	-		<2U			<2U		<2U	<2U		<2U		<2U
N-Nitrosodiphenylamine	UG/L	10	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
N-Nitrosomorpholine	UG/L	0.01	-	-		<2UJ			<2UJ		<2U	<2U		<2UJ		<2UJ
N-Nitrosopiperidine	UG/L	0.0071	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
N-Nitrosopyrrolidine	UG/L	0.032	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Naphthalene	UG/L	-	6	-		<3.00U			<3.00U		<3.00U	<3.00U		<3.00U		<3.00U
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-		<50.0U			<50.0U		<50.0U	<50.0U		<50.0U		<50.0U
Nickel	UG/L	-	100	-		3J			<1.5U		2.6J	<1.5U		<1.5U		<1.5U
Nitrate	MG/L	-	10	-												
Nitrobenzene	UG/L	0.12	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
O,O,O-Triethylphosphorothioate	UG/L	-	-	-		<2U			<2U		<2U	<2U		<2U		<2U
O-Toluidine	UG/L	-	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Ortho-Xylene	UG/L	190	-	-		<2.00U			<2.00U		<2.00U	<2.00U		<2.00U		<2.00U
para-Phenylenediamine	UG/L	3000	-	-		<77U			<79U		<80U	<79U		<81U		<78U
Pentachlorobenzene	UG/L	2.3	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Pentachloroethane	UG/L	0.56	-	-		<1U			<1U		<1U	<1U		<1U		<1U
Pentachloronitrobenzene	UG/L	0.1	-	-		<2U			<2U		<2U	<2U		<2U		<2U
Pentachlorophenol	UG/L	-	0.3	-		<1U			<1U		<1U	<1U		<1U		<1U
Ph	STD UNITS	-	-	-												
Phenacetin	UG/L	30	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Phenanthrene	UG/L	-	200	-		<0.60U			<1.2U		<0.59U	<0.60U		<0.67U		<0.58U
Phenol	UG/L	-	30	-		<0.5U			[56]		<0.5U	<0.5U		<0.5U		<0.5U
Pronamide	UG/L	900	-	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		<0.5U
Propionitrile	UG/L	-	-	-		<30U			<30U		<30U	<30U		<30U		<30U
Propylene Glycol	UG/L	-	-	140000		<8000U			<8000U		<8000U	<8000U		<8000U		<8000U
Pyrene	UG/L	-	200	-		<4.0U			<8.0U		<3.9U	<4.0U		<5.5U		<3.9U
Pyridine	UG/L	15	-	-		<2U			<2U		<2U	<2U		<2U		<2U
Safrole	UG/L	0.083	-	-		<2U			<2U		<2U	<2U		<2U		<2U
Selenium	UG/L	-	20	-		<0.5U			<0.5U		<0.5U	<0.5U		<0.5U		0.56J
Silver	UG/L	-	20	-		<2.1U			<2.1U		<2.1U	<2.1U		<2.1U		<2.1U
Styrene	UG/L	-	70	-		<1U			<1U		<1U	<1U		<1U		<1U

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-21	MW-21	MW-22	MW-22	MW-22	MW-23A	MW-23A	MW-24	MW-25	MW-25	MW-26A	MW-26A
				Sample Date	05/06/2013	11/05/2013	05/06/2013	05/06/2013	11/05/2013	05/06/2013	11/14/2013	11/14/2013	05/07/2013	11/04/2013	05/06/2013	11/04/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Sulfate	MG/L	-	250	-												
Terephthalic Acid	UG/L	15000	-	-		<100U			<100U		<100U	<100U		<99U		<99U
Tetrachloroethene	UG/L	-	0.7	-		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-		<1UJ			<1U		<1U	<1U		<1U		<1U
Thallium	UG/L	-	-	0.2		<0.15U			<0.15U		<0.15U	<0.15U		<0.15U		<0.15U
Thionazin	UG/L	-	-	-		<2U			<2U		<2U	<2U		<2U		<2U
Tin	UG/L	-	-	2000		<2.9U			<2.9U		<2.9U	<2.9U		<2.9U		<2.9U
Toluene	UG/L	-	600	-		<2.00U			<2.00U		<2.00U	<2.00U		<2.00U		<2.00U
Total Dissolved Solids	MG/L	-	500	-												
Total Organic Carbon	MG/L	-	-	-												
Total Organic Halogen	UG/L	-	-	-												
Total Suspended Solids	MG/L	-	-	-												
trans-1,2-Dichloroethene	UG/L	-	100	-		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
trans-1,3-Dichloropropene	UG/L	-	-	-		<1U			<1U		<1U	<1U		<1U		<1U
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-		<15U			<15U		<15U	<15U		<15U		<15U
Trichloroethene	UG/L	-	3	-		<1U			<1U		<1U	<1U		<1U		<1U
Trichlorofluoromethane	MG/L	-	2	-		<0.002U			<0.002U		<0.002U	<0.002U		<0.002U		<0.002U
Triethylene Glycol	UG/L	-	-	-		<8000U			<8000U		<8000U	<8000U		<8000U		<8000U
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-		<40U			3300		<39U	<40U		<45U		<39U
Vanadium	UG/L	-	-	0.3		[5.9J]			<2U		[2.6J]	<2U		<2U		<2U
Vinyl Acetate	UG/L	-	-	88		<2UJ			<2U		<2U	<2U		<2U		<2U
Vinyl Chloride	UG/L	-	0.03	-		<0.010U			0.025J		<0.010U	<0.010U		<0.010U		<0.010U
Xylenes	UG/L	-	500	-		<0.8U			<0.8U		<0.8U	<0.8U		<0.8U		<0.8U
Zinc	MG/L	-	1	-		<0.0020U			<0.0020U		0.0035B	0.0064B		0.0064J		<0.0020U

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-50	MW-51	MW-52	MW-52	MW-56	MW-56	MW-56	MW-70	MW-71	MW-72	SWMU9-TW-21R	SWMU90-TW-1
				Sample Date	11/06/2013	11/06/2013	05/06/2013	11/06/2013	05/06/2013	11/13/2013	11/13/2013	06/20/2014	06/20/2014	06/20/2014	10/25/2013	10/14/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
1,1,1,2-Tetrachloroethane	UG/L	-	-	1	<1U	<1U		<1U		<1U	<1U					<1U
1,1,1-Trichloroethane	UG/L	-	200	-	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					<0.8U
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-	<1U	<1U		<1U		<1U	<1U					<1U
1,1,2-Trichloroethane	UG/L	-	-	0.6	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					<0.8U
1,1-Dichloroethane	UG/L	-	6	-	<1U	<1U		<1U		<1U	<1U					<1U
1,1-Dichloroethene	UG/L	-	7	-	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					<0.8U
1,2,3-Trichloropropane	UG/L	-	0.005	-	<1U	<1U		<1U		<1U	<1U					<1U
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
1,2,4-Trichlorobenzene	UG/L	-	70	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-	<2U	<2U		<2U		<2U	<2U					<2U
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-	<1U	<1U		<1U		<1U	<1U					<1U
1,2-Dichlorobenzene	UG/L	-	20	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
1,2-Dichloroethane	UG/L	-	0.4	-	<1U	<1U		<1U		<1U	<1U					<1U
1,2-Dichloropropane	UG/L	-	0.6	-	<1U	<1U		<1U		<1U	<1U					<1U
1,2-Diphenylhydrazine	UG/L	0.067	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
1,3,5-Trinitrobenzene	UG/L	460	-	-	<5U	<5U		<5U		<6UJ	<5UJ					<5U
1,3-Dichlorobenzene	UG/L	-	200	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
1,3-Dinitrobenzene	UG/L	1.5	-	-	<2U	<2U		<2U		<2U	<2U					<2U
1,4-Dichlorobenzene	UG/L	-	6	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
1,4-Dioxane	UG/L	-	3	-	[6]	[55]	[86]	[71]	[19]	[21]	[20]	0.36J	<0.051U	<0.051U		[72J]
1,4-Naphthoquinone	UG/L	-	-	-	<11R	<11R		<10R		<11R	<11R					<10R
1-Naphthylamine	UG/L	-	-	-	<5U	<5U		<5U		<6U	<5U					<5UJ
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2,4,5-Trichlorophenol	UG/L	-	-	63	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2,4,6-Trichlorophenol	UG/L	-	-	4	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2,4-Dichlorophenol	UG/L	-	-	0.98	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2,4-Dimethylphenol	UG/L	-	100	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2,4-Dinitrophenol	UG/L	30	-	-	<11U	<11U		<10U		<11U	<11U					<10U
2,4-Dinitrotoluene	UG/L	-	-	0.1	<1U	<1U		<1U		<1U	<1U					<1U
2,6-Dichlorophenol	UG/L	-	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2,6-Dinitrotoluene	UG/L	0.042	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2-Acetylaminofluorene	UG/L	0.013	-	-	<2U	<2U		<2U		<2U	<2U					<2U
2-Chloronaphthalene	UG/L	550	-	-	<0.4U	<0.4U		<0.4U		<0.4U	<0.4U					<0.4U
2-Chlorophenol	UG/L	-	0.4	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2-Hexanone	UG/L	-	-	40	<3U	<3U		<3U		<3U	<3U					<3U
2-Methylnaphthalene	UG/L	-	30	-	<0.61UJ	<0.59UJ		<0.59UJ		<0.61U	<0.60U					<0.1U
2-Methylphenol (O-Cresol)	UG/L	-	-	400	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2-Naphthylamine	UG/L	0.033	-	-	<5U	<5U		<5U		<6U	<5U					<5U
2-Nitroaniline	UG/L	150	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2-Nitrophenol	UG/L	-	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
2-Picoline	UG/L	-	-	-	<2U	<2U		<2U		<2U	<2U					<2U
3,3'-Dichlorobenzidine	UG/L	0.11	-	-	<2U	<2U		<2U		<2U	<2U					<2U
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-	<26U	<26U		<26U		<28U	<27U					<25R
3-Methylcholanthrene	UG/L	0.00098	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
3-Nitroaniline	UG/L	-	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-	<5U	<5U		<5U		<6U	<5U					<5U
4-Aminobiphenyl	UG/L	0.0026	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4-Bromophenyl Phenyl Ether	UG/L	-	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4-Chloro-3-Methylphenol	UG/L	1100	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4-Chloroaniline	UG/L	0.32	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4-Methylphenol (P-Cresol)	UG/L	-	40	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4-Nitroaniline	UG/L	3.3	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
4-Nitrophenol	UG/L	-	-	-	<11U	<11U		<10U		<11U	<11U					<10U
4-Nitroquinoline-N-Oxide	UG/L	-	-	-	<21UJ	<21UJ		<21UJ		<22U	<22U					<20U
5-Nitro-Ortho-Toluidine	UG/L	7	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Acenaphthene	UG/L	-	80	-	<0.61UJ	<0.59UJ		<0.59UJ		<0.61U	<0.60U					<0.1U
Acenaphthylene	UG/L	-	200	-	<0.71UJ	<0.68UJ		<0.68UJ		<0.71U	<0.70U					<0.1U
Acetaldehyde	UG/L	2.2	-	-	<50UJ	<100UJ		<50UJ		<500U	<500U					
Acetone	MG/L	-	6	-	<0.006U	<0.006U		<0.006U		<0.006U	<0.006U					<0.006U
Acetonitrile	UG/L	130	-	-	<25U	<25U		<25U		<25U	<25U					<25U
Acetophenone	UG/L	-	-	700	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Acrolein	UG/L	-	-	4	<1.6UJ	<1.6UJ		<1.6UJ		<1.6UJ	<1.6UJ					<1.6UJ
Acrylonitrile	UG/L	0.045	-	-	<1.9U	<1.9U		<1.9U		<1.9U	<1.9U					<1.9U

Notes:
UG/L= Micrograms per Liter
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IMAC = Interim Maximum Contaminant Level
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Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-50	MW-51	MW-52	MW-52	MW-56	MW-56	MW-56	MW-70	MW-71	MW-72	SWMU9-TW-21R	SWMU90-TW-1
				Sample Date	11/06/2013	11/06/2013	05/06/2013	11/06/2013	05/06/2013	11/13/2013	11/13/2013	06/20/2014	06/20/2014	06/20/2014	10/25/2013	10/14/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-												
Alkalinity, Total	MG CACO3/L	-	-	-												
Allyl Chloride	UG/L	0.63	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-	<5U	<5U		<5U		<6U	<5U					<5R
Aniline	UG/L	12	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5UJ
Anthracene	MG/L	-	2	-	<0.00061UJ	<0.00059UJ		<0.00059UJ		<0.00061U	<0.0006U					<0.0001U
Antimony	UG/L	-	-	1	<5.3U	<5.3U		[30.2J]		<5.3U	<5.3U				<5.3U	<5.3U
Aramite	UG/L	1.1	-	-	<5U	<5U		<5U		<6U	<5U					<5R
Arsenic	UG/L	-	10	-	0.97J	3.1J		1.9J		8.8J	8.7J				0.82J	[138]
Barium	UG/L	-	700	-	13.4	33.5		8.2J		10	10J				27.9	26.6
Benzene	UG/L	-	1	-	<2.00U	<2.00U		<2.00U		<2.00U	<2.00U					[5]
Benzo(A)Anthracene	UG/L	-	0.05	-	<0.71UJ	<0.68UJ		<0.68UJ		<0.71U	<0.70U					<0.1U
Benzo(B)Fluoranthene	UG/L	-	0.05	-	<0.61UJ	<0.59UJ		<0.59UJ		<0.61U	<0.60U					<0.1U
Benzo(G,H,I)Perylene	UG/L	-	200	-	<0.61UJ	<0.59UJ		<0.59UJ		<0.61U	<0.60U					<0.1U
Benzo(K)Fluoranthene	UG/L	-	0.5	-	<0.92UJ	<0.88UJ		<0.88UJ		<0.91U	<0.89U					<0.1U
Benzo(A)Pyrene	UG/L	-	0.005	-	<0.61UJ	<0.59UJ		<0.59UJ		<0.61U	<0.60U					<0.1U
Benzyl Alcohol	UG/L	-	-	700	<5U	<5U		<5U		<6U	<5U					<5U
Beryllium	UG/L	-	-	4	<0.67U	<0.67U		<0.67U		<0.67U	<0.67U				<0.67U	<0.67U
Biphenyl	UG/L	-	400	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-	<0.5UJ	<0.5UJ		<0.5UJ		<0.6U	<0.5U					<0.5U
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-	<2U	<2U		<2U		<2U	<2U					<2U
Bromodichloromethane	UG/L	-	0.6	-	<1U	<1U		<1U		<1U	<1U					<1U
Bromoform	UG/L	-	4	-	<1U	<1U		<1U		<1U	<1U					<1U
Butyl Benzyl Phthalate	MG/L	-	1	-	<0.002U	<0.002U		<0.002U		<0.002U	<0.002U					<0.002U
C11 to C22 Aromatics	UG/L	-	-	-	<41UJ	<39UJ		<39UJ		<41U	<40U					
C19 to C36 Aliphatics	UG/L	-	-	-	<51UJ	<49UJ		<49UJ		<51U	<50U					
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-	<50.0U	<50.0U		<50.0U		<50.0U	<50.0U					
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-	<50.0U	<50.0U		<50.0U		<50.0U	<50.0U					
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-	<20.0U	<20.0U		<20.0U		<20.0U	<20.0U					
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-	<50.0U	<50.0U		<50.0U		<50.0U	<50.0U					
C9 to C18 Aliphatics	UG/L	-	700	-	<31UJ	<29UJ		<29UJ		<30U	<30U					
Cadmium	UG/L	-	2	-	<0.76U	<0.76U		<0.76U		0.97J	1.1J				<0.76U	<0.76U
Carbon Disulfide	UG/L	-	700	-	<1U	<1U		<1U		<1U	<1U					<1U
Carbon Tetrachloride	UG/L	-	0.3	-	<1U	<1U		<1U		<1U	<1U					<1U
Chemical Oxygen Demand (COD)	MG/L	-	-	-												
Chloride	MG/L	-	250	-												
Chlorobenzene	UG/L	-	50	-	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					<0.8U
Chlorobenzilate	UG/L	0.27	-	-	<3U	<3U		<3U		<3UJ	<3UJ					<3U
Chlorodibromomethane	UG/L	-	0.4	-	<1U	<1U		<1U		<1U	<1U					<1U
Chloroform	UG/L	-	70	-	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					<0.8U
Chloroprene	UG/L	0.016	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Chromium	UG/L	-	10	-	<1.6U	2.1J		<1.6U		<1.6U	<1.6U				<1.6U	[27.7J]
Chrysene	UG/L	-	5	-	<0.51UJ	<0.49UJ		<0.49UJ		<0.51U	<0.50U					<0.1U
cis-1,2 Dichloroethene	UG/L	-	70	-	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					4J
cis-1,3-Dichloropropene	UG/L	-	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Cobalt	UG/L	-	-	1	<1.3U	<1.3U		<1.3U		<1.3U	<1.3U				<1.3U	[4.8J]
Copper	MG/L	-	1	-	<0.0027U	<0.0027U		<0.0027U		<0.0027U	<0.0027U				<0.0027U	<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-	<2U	<2U		<2U		<2U	<2U					<2U
Diallate	UG/L	0.46	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Dibenz(A,H)Anthracene	UG/L	-	0.005	-	<0.51UJ	<0.49UJ		<0.49UJ		<0.51U	<0.50U					<0.1U
Dibenzofuran	UG/L	-	-	28	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Dichlorodifluoromethane	MG/L	-	1	-	<0.002U	<0.002U		<0.002U		<0.002U	<0.002U					<0.002U
Diethyl Phthalate	MG/L	-	6	-	<0.002U	<0.002U		<0.002U		<0.002U	<0.002U					<0.002U
Diethylene Glycol	UG/L	-	-	-	<8000U	<8000U		<8000U		<8000U	<8000U					<8000U
Dimethoate	UG/L	3.1	-	-	<3U	<3U		<3U		<3U	<3U					<3U
Dimethyl Phthalate	UG/L	-	-	-	<2U	<2U		<2U		<2U	<2U					<2U
Dimethyl Terephthalate	UG/L	1400	-	-												
Diphenyl Ether	UG/L	-	-	100	1	1		1		5	5					[230]
Ethyl Chloride	UG/L	-	3000	-	<1U	<1U		<1U		<1U	<1U					<1U
Ethyl Methacrylate	UG/L	420	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Ethyl Methanesulfonate	UG/L	-	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Ethylbenzene	UG/L	-	600	-	<2.00U	<2.00U		<2.00U		<2.00U	<2.00U					<0.8U
Ethylene Glycol	MG/L	-	10	-	<8U	<8U		<8U		<8U	<8U					<8U
Fluoranthene	UG/L	-	300	-	<0.51UJ	<0.49UJ		<0.49UJ		<0.51U	<0.50U					<0.1U

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				Sample Date	11/06/2013	11/06/2013	05/06/2013	11/06/2013	05/06/2013	11/13/2013	11/13/2013	06/20/2014	06/20/2014	06/20/2014	10/25/2013	10/14/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Fluorene	UG/L	-	300	-	<0.61UJ	<0.59UJ		<0.59UJ		<0.61U	<0.60U					<0.1U
Fluoride	MG/L	-	2	-												
Hexachlorobenzene	UG/L	-	0.02	-	<0.1U	<0.1U		<0.1U		<0.1U	<0.1U					<0.1U
Hexachlorobutadiene	UG/L	-	0.4	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Hexachlorocyclopentadiene	UG/L	22	-	-	<5U	<5U		<5U		<6U	<5U					<5U
Hexachloroethane	UG/L	0.79	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Hexachloropropylene	UG/L	-	-	-	<2U	<2U		<2U		<2UJ	<2UJ					<2U
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-	<0.61UJ	<0.59UJ		<0.59UJ		<0.61U	<0.60U					<0.1U
Iodomethane	UG/L	-	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Iron	UG/L	-	300	-												
Isobutyl Alcohol	UG/L	4600	-	-	<100U	<100U		<100U		<100U	<100U					<100U
Isodrin	UG/L	-	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Isophorone	UG/L	-	40	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Isosafrole	UG/L	-	-	-	<2U	<2U		<2U		<2U	<2U					<2U
Lead	UG/L	-	15	-	<0.085U	<0.085U		<0.085U		<0.085U	<0.085U				0.096J	1.2J
Manganese	UG/L	-	50	-												
Mercury	UG/L	-	1	-	<0.06U	<0.06U		<0.06U		<0.06U	<0.06U				<0.06U	<0.06U
Meta- And Para-Xylene	UG/L	-	-	-	<5.00U	<5.00U		<5.00U		<5.00U	<5.00U					
Methacrylonitrile	UG/L	1.5	-	-	<10U	<10U		<10U		<10U	<10U					<10U
Methanol	MG/L	-	4	-												
Methapyrilene	UG/L	-	-	-	<16U	<16U		<16U		<17U	<16U					<15U
Methyl Bromide	UG/L	7	-	10	<1U	<1U		<1U		<1U	<1U					<1U
Methyl Chloride	UG/L	-	3	-	<1U	<1U		<1U		<1U	<1U					<1U
Methyl Ethyl Ketone	MG/L	-	4	-	<0.003U	<0.003U		<0.003U		<0.003U	<0.003U					<0.003U
Methyl Isobutyl Ketone	UG/L	-	-	100	<3U	<3U		<3U		<3U	<3U					<3U
Methyl Methacrylate	UG/L	-	-	25	<1U	<1U		<1U		<1U	<1U					<1U
Methyl Methanesulfonate	UG/L	0.68	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Methyl Tertiary Butyl Ether	UG/L	-	20	-	<2.00U	<2.00U		<2.00U		<2.00U	<2.00U					
Methylene Bromide	UG/L	-	-	70	<1U	<1U		<1U		<1U	<1U					<1U
Methylene Chloride	UG/L	-	5	-	<2U	<2U		<2U		<2U	<2U					<2U
N-Dioctyl Phthalate	UG/L	-	100	-	<2U	<2U		<2U		<2U	<2U					<2U
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-	<2U	<2U		<2U		<2U	<2U					<2U
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-	<2U	<2U		<2U		<2U	<2U					<2U
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
N-Nitrosodiethylamine	UG/L	0.00014	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
N-Nitrosodimethylamine	UG/L	-	0.0007	-	<2U	<2U		<2U		<2U	<2U					<2U
N-Nitrosodiphenylamine	UG/L	10	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
N-Nitrosomorpholine	UG/L	0.01	-	-	<2UJ	<2UJ		<2UJ		<2U	<2U					<2U
N-Nitrosopiperidine	UG/L	0.0071	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
N-Nitrosopyrrolidine	UG/L	0.032	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Naphthalene	UG/L	-	6	-	<3.00U	<3.00U		<3.00U		<3.00U	<3.00U					<0.1U
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-	<50.0U	<50.0U		<50.0U		<50.0U	<50.0U					
Nickel	UG/L	-	100	-	2.6J	2.1J		2.5J		<1.5U	<1.5U				<1.5U	5.2J
Nitrate	MG/L	-	10	-												
Nitrobenzene	UG/L	0.12	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
O,O,O-Triethylphosphorothioate	UG/L	-	-	-	<2U	<2U		<2U		<2U	<2U					<2U
O-Toluidine	UG/L	-	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Ortho-Xylene	UG/L	190	-	-	<2.00U	<2.00U		<2.00U		<2.00U	<2.00U					
para-Phenylenediamine	UG/L	3000	-	-	<79U	<79U		<78U		<83U	<82U					<76U
Pentachlorobenzene	UG/L	2.3	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Pentachloroethane	UG/L	0.56	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Pentachloronitrobenzene	UG/L	0.1	-	-	<2U	<2U		<2U		<2U	<2U					<2U
Pentachlorophenol	UG/L	-	0.3	-	<1U	<1U		<1U		<1U	<1U					<1U
Ph	STD UNITS	-	-	-												
Phenacetin	UG/L	30	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Phenanthrene	UG/L	-	200	-	<0.61UJ	<0.59UJ		<0.59UJ		<0.61U	<0.60U					<0.1U
Phenol	UG/L	-	30	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					5J
Pronamide	UG/L	900	-	-	<0.5U	<0.5U		<0.5U		<0.6U	<0.5U					<0.5U
Propionitrile	UG/L	-	-	-	<30U	<30U		<30U		<30U	<30U					<30U
Propylene Glycol	UG/L	-	-	140000	<8000U	<8000U		<8000U		<8000U	<8000U					<8000U
Pyrene	UG/L	-	200	-	<4.2UJ	<3.9UJ		<3.9UJ		<4.1U	<4.0U					<0.1U
Pyridine	UG/L	15	-	-	<2U	<2U		<2U		<2U	<2U					<2U
Safrole	UG/L	0.083	-	-	<2U	<2U		<2U		<2U	<2U					<2U
Selenium	UG/L	-	20	-	<0.5U	<0.5U		<0.5U		<0.5U	<0.5U				<0.5UJ	1.1J
Silver	UG/L	-	20	-	<2.1U	<2.1U		<2.1U		<2.1U	<2.1U				<2.1U	<2.1U
Styrene	UG/L	-	70	-	<1U	<1U		<1U		<1U	<1U					<1U

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	MW-50	MW-51	MW-52	MW-52	MW-56	MW-56	MW-56	MW-70	MW-71	MW-72	SWMU9-TW-21R	SWMU90-TW-1
				Sample Date	11/06/2013	11/06/2013	05/06/2013	11/06/2013	05/06/2013	11/13/2013	11/13/2013	06/20/2014	06/20/2014	06/20/2014	10/25/2013	10/14/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Sulfate	MG/L	-	250	-												
Terephthalic Acid	UG/L	15000	-	-	<90U	<99U		<99U		<100U	<100U					<90U
Tetrachloroethene	UG/L	-	0.7	-	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					<0.8U
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-	<1U	<1U		<1U		<1U	<1U					<1U
Thallium	UG/L	-	-	0.2	<0.15U	<0.15U		<0.15U		<0.15U	<0.15U				<0.15U	<0.15U
Thionazin	UG/L	-	-	-	<2U	<2U		<2U		<2U	<2U					<2U
Tin	UG/L	-	-	2000	<2.9U	<2.9U		<2.9U		<2.9U	<2.9U				<2.9U	<2.9U
Toluene	UG/L	-	600	-	<2.00U	<2.00U		<2.00U		1J	1J					<0.7U
Total Dissolved Solids	MG/L	-	500	-												
Total Organic Carbon	MG/L	-	-	-												
Total Organic Halogen	UG/L	-	-	-												
Total Suspended Solids	MG/L	-	-	-												
trans-1,2-Dichloroethene	UG/L	-	100	-	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					<0.8U
trans-1,3-Dichloropropene	UG/L	-	-	-	<1U	<1U		<1U		<1U	<1U					<1U
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-	<15U	<15U		<15U		<15U	<15U					<15U
Trichloroethene	UG/L	-	3	-	<1U	<1U		<1U		<1U	<1U					<1U
Trichlorofluoromethane	MG/L	-	2	-	<0.002U	<0.002U		<0.002U		<0.002U	<0.002U					<0.002U
Triethylene Glycol	UG/L	-	-	-	<8000U	<8000U		<8000U		<8000U	<8000U					<8000U
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-	<41UJ	<39UJ		<39UJ		<41U	<40U					
Vanadium	UG/L	-	-	0.3	[3.4J]	<2U		[8J]		<2U	<2U				<2U	[7.9J]
Vinyl Acetate	UG/L	-	-	88	<2U	<2U		<2U		<2U	<2U					<2U
Vinyl Chloride	UG/L	-	0.03	-	<0.010U	0.020B		<0.010U		<0.010U	<0.010U	<0.010U				[7.1]
Xylenes	UG/L	-	500	-	<0.8U	<0.8U		<0.8U		<0.8U	<0.8U					<0.8U
Zinc	MG/L	-	1	-	<0.0020U	<0.0020U		<0.0020U		<0.0020U	<0.0020U				<0.0020U	0.0187J

Notes:
UG/L= Micrograms per Liter
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Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU90-TW-2	SWMU90-TW-3	SWMU90-TW-4	SWMU90-TW-5	SWMU90-TW-6	SWMU90-TW-7	SWMU90-TW-8	SWMU90-TW-9	SWMU90-TW-9	SWMU90-TW-10	SWMU90-TW-11	UNIT1-TW-1
				Sample Date	10/14/2013	10/14/2013	10/15/2013	10/15/2013	10/15/2013	10/15/2013	06/19/2014	06/19/2014	06/19/2014	06/19/2014	06/19/2014	10/17/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
1,1,1,2-Tetrachloroethane	UG/L	-	-	1	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
1,1,1-Trichloroethane	UG/L	-	200	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<8U
1,1,2,2-Tetrachloroethane	UG/L	-	0.2	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
1,1,2-Trichloroethane	UG/L	-	-	0.6	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<8U
1,1-Dichloroethane	UG/L	-	6	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	[150]
1,1-Dichloroethene	UG/L	-	7	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<8U
1,2,3-Trichloropropane	UG/L	-	0.005	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<10U
1,2,4,5-Tetrachlorobenzene	UG/L	-	-	2	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
1,2,4-Trichlorobenzene	UG/L	-	70	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
1,2-Dibromo-3-Chloropropane	UG/L	-	0.04	-	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<20U
1,2-Dibromoethane (EDB)	UG/L	-	0.02	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
1,2-Dichlorobenzene	UG/L	-	20	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
1,2-Dichloroethane	UG/L	-	0.4	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
1,2-Dichloropropane	UG/L	-	0.6	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
1,2-Diphenylhydrazine	UG/L	0.067	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
1,3,5-Trinitrobenzene	UG/L	460	-	-	<5U	<5U	<5U	<5U	<5U	<5U						<5U
1,3-Dichlorobenzene	UG/L	-	200	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
1,3-Dinitrobenzene	UG/L	1.5	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
1,4-Dichlorobenzene	UG/L	-	6	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
1,4-Dioxane	UG/L	-	3	-	[72]	[5J]	[11]	1J	[4J]	[4J]	[20]	0.95	0.80	[6.4]	0.6	[9]
1,4-Naphthoquinone	UG/L	-	-	-	<10R	<10R	<10R	<10R	<10R	<10R						<10R
1-Naphthylamine	UG/L	-	-	-	<5U	<5U	<5U	<5U	<5U	<5U						<5U
2,3,4,6-Tetrachlorophenol	UG/L	-	200	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2,4,5-Trichlorophenol	UG/L	-	-	63	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2,4,6-Trichlorophenol	UG/L	-	-	4	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2,4-Dichlorophenol	UG/L	-	-	0.98	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2,4-Dimethylphenol	UG/L	-	100	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2,4-Dinitrophenol	UG/L	30	-	-	<10U	<10U	<10U	<10U	<10U	<10U						<10U
2,4-Dinitrotoluene	UG/L	-	-	0.1	<1U	<1U	<1U	<1U	<1U	<1U						<1U
2,6-Dichlorophenol	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2,6-Dinitrotoluene	UG/L	0.042	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2-Acetylaminofluorene	UG/L	0.013	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
2-Chloronaphthalene	UG/L	550	-	-	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U						<0.4U
2-Chlorophenol	UG/L	-	0.4	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2-Hexanone	UG/L	-	-	40	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<30U
2-Methylnaphthalene	UG/L	-	30	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.9U
2-Methylphenol (O-Cresol)	UG/L	-	-	400	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						180
2-Naphthylamine	UG/L	0.033	-	-	<5U	<5U	<5U	<5U	<5U	<5U						<5U
2-Nitroaniline	UG/L	150	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2-Nitrophenol	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
2-Picoline	UG/L	-	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
3,3'-Dichlorobenzidine	UG/L	0.11	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
3,3'-Dimethylbenzidine	UG/L	0.0056	-	-	<25U	<25U	<26U	<26U	<25U	<25U						<25U
3-Methylcholanthrene	UG/L	0.00098	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
3-Nitroaniline	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
4,6-Dinitro-2-Methylphenol	UG/L	1.2	-	-	<5U	<5U	<5U	<5U	<5U	<5U						<5U
4-Aminobiphenyl	UG/L	0.0026	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
4-Bromophenyl Phenyl Ether	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
4-Chloro-3-Methylphenol	UG/L	1100	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
4-Chloroaniline	UG/L	0.32	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
4-Dimethylaminoazobenzene	UG/L	0.0043	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
4-Methylphenol (P-Cresol)	UG/L	-	40	-	<0.5U	<0.5U	3	<0.5U	<0.5U	<0.5U						23
4-Nitroaniline	UG/L	3.3	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
4-Nitrophenol	UG/L	-	-	-	<10U	<10U	<10U	<10U	<10U	<10U						<10U
4-Nitroquinoline-N-Oxide	UG/L	-	-	-	<20U	<20U	<20U	<21U	<20U	<20U						<20U
5-Nitro-Ortho-Toluidine	UG/L	7	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
7,12-Dimethylbenz[A]Anthracene	UG/L	0.000086	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Acenaphthene	UG/L	-	80	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.9U
Acenaphthylene	UG/L	-	200	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<3.4U
Acetaldehyde	UG/L	2.2	-	-												<50U
Acetone	MG/L	-	6	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.06U
Acetonitrile	UG/L	130	-	-	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<25U	<250U
Acetophenone	UG/L	-	-	700	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Acrolein	UG/L	-	-	4	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ	<1.6UJ						<1.6UJ
Acrylonitrile	UG/L	0.045	-	-	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U						<1.9U

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Highlighted Values in Brackets Exceed Screening Criteria

Table 5
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DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU90-TW-2	SWMU90-TW-3	SWMU90-TW-4	SWMU90-TW-5	SWMU90-TW-6	SWMU90-TW-7	SWMU90-TW-8	SWMU90-TW-9	SWMU90-TW-9	SWMU90-TW-10	SWMU90-TW-11	UNIT1-TW-1
				Sample Date	10/14/2013	10/14/2013	10/15/2013	10/15/2013	10/15/2013	10/15/2013	06/19/2014	06/19/2014	06/19/2014	06/19/2014	06/19/2014	10/17/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Alkalinity, Carb.As CaCO3 At pH 8.3	MG CACO3/L	-	-	-												
Alkalinity, Total	MG CACO3/L	-	-	-												
Allyl Chloride	UG/L	0.63	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<10U
Alpha,Alpha-Dimethylphenethylamine	UG/L	-	-	-	<5U	<5U	<5U	<5U	<5U	<5U						<5U
Aniline	UG/L	12	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Anthracene	MG/L	-	2	-	<0.0001U	<0.0001U	<0.0001U	<0.0001U	<0.0001U	<0.0001U						<0.0029U
Antimony	UG/L	-	-	1	<5.3U	<5.3U	<5.3U	<5.3U	<5.3U	<5.3U	<5.1U	<5.1U	<5.1U	<5.1U	<5.1U	<5.3U
Aramite	UG/L	1.1	-	-	<5U	<5U	<5U	<5U	<5U	<5U						<5U
Arsenic	UG/L	-	10	-	[29.4]	[58.1]	[64.1]	[99.6]	<0.78U	[47.8]	[52.5]	<0.82U	<0.82U	<0.82U	<0.82U	4.8
Barium	UG/L	-	700	-	8.6J	9.3J	29.4	2.8J	16.7	8J	17.1	8B	7.9B	6B	7.1B	23.2
Benzene	UG/L	-	1	-	[2J]	[6]	[9]	1J	[6]	[4J]	0.8J	<0.5U	<0.5U	<0.5U	<0.5U	[10J]
Benzo(A)Anthracene	UG/L	-	0.05	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<3.4U
Benzo(B)Fluoranthene	UG/L	-	0.05	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.9U
Benzo(G,H,I)Perylene	UG/L	-	200	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.9U
Benzo(K)Fluoranthene	UG/L	-	0.5	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<4.4U
Benzo(A)Pyrene	UG/L	-	0.005	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.9U
Benzyl Alcohol	UG/L	-	-	700	<5U	<5U	<5U	<5U	<5U	<5U						<5U
Beryllium	UG/L	-	-	4	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U	<0.67U
Biphenyl	UG/L	-	400	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	2
Bis(2-Chloroethoxy)Methane	UG/L	46	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Bis(2-Chloroethyl)Ether	UG/L	-	0.03	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Bis(2-Chloroisopropyl)Ether	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Bis(2-Ethylhexyl)Phthalate	UG/L	-	3	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Bromodichloromethane	UG/L	-	0.6	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Bromoform	UG/L	-	4	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Butyl Benzyl Phthalate	MG/L	-	1	-	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U						<0.002U
C11 to C22 Aromatics	UG/L	-	-	-												4400
C19 to C36 Aliphatics	UG/L	-	-	-												<49U
C5 - C8 Aliphatic Hydrocarbons	UG/L	-	-	-												284
C5 - C8 Aliphatic Hydrocardbons, unadjusted	UG/L	-	-	-												314
C9 through C10 Aromatic Hydrocarbons	UG/L	-	-	-												<20.0U
C9 through C12 Aliphatic Hydrocarbons	UG/L	-	-	-												54.9J
C9 to C18 Aliphatics	UG/L	-	700	-												<29U
Cadmium	UG/L	-	2	-	<0.76U	<0.76U	<0.76U	<0.76U	<0.76U	<0.76U	<0.33U	<0.33U	<0.33U	<0.33U	<0.33U	<0.76U
Carbon Disulfide	UG/L	-	700	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<10U
Carbon Tetrachloride	UG/L	-	0.3	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Chemical Oxygen Demand (COD)	MG/L	-	-	-												
Chloride	MG/L	-	250	-												
Chlorobenzene	UG/L	-	50	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	11J
Chlorobenzilate	UG/L	0.27	-	-	<3U	<3U	<3U	<3U	<3U	<3U						<3U
Chlorodibromomethane	UG/L	-	0.4	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Chloroform	UG/L	-	70	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	[160]
Chloroprene	UG/L	0.016	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<10U
Chromium	UG/L	-	10	-	2.6J	7.1J	[93.1]	2.9J	<1.6U	[14.6J]	[29.9J]	1.6J	1.7J	2.7J	3.5J	2J
Chrysene	UG/L	-	5	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.4U
cis-1,2 Dichloroethene	UG/L	-	70	-	0.9J	5	4J	<0.8U	7	5J	0.6J	<0.5U	<0.5U	<0.5U	<0.5U	[250]
cis-1,3-Dichloropropene	UG/L	-	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Cobalt	UG/L	-	-	1	[11]	[2.7J]	[12.2]	[3J]	<1.3U	[3.1J]	[45.1]	[1.6J]	[1.7J]	[2.1J]	<1U	[2.5J]
Copper	MG/L	-	1	-	<0.0027U	<0.0027U	0.0043J	<0.0027U	<0.0027U	<0.0027U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0027U
Di-N-Butyl Phthalate	UG/L	-	700	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Diallate	UG/L	0.46	-	-	<1U	<1U	<1U	<1U	<1U	<1U						<1U
Dibenz(A,H)Anthracene	UG/L	-	0.005	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.4U
Dibenzofuran	UG/L	-	-	28	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Dichlorodifluoromethane	MG/L	-	1	-	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.0005UJ	<0.0005UJ	<0.0005UJ	<0.0005U	<0.0005U	<0.02U
Diethyl Phthalate	MG/L	-	6	-	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U						<0.002U
Diethylene Glycol	UG/L	-	-	-	<8000U	<8000U	<8000U	<8000U	<8000U	<8000U						<8000U
Dimethoate	UG/L	3.1	-	-	<3U	<3U	<3U	<3U	<3U	<3U						<3U
Dimethyl Phthalate	UG/L	-	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Dimethyl Terephthalate	UG/L	1400	-	-												
Diphenyl Ether	UG/L	-	-	100	20	[140]	[490]	[120]	[430]	[270]	10	<0.5U	<0.5U	2	<0.5U	46
Ethyl Chloride	UG/L	-	3000	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Ethyl Methacrylate	UG/L	420	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<10U
Ethyl Methanesulfonate	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Ethylbenzene	UG/L	-	600	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<8U
Ethylene Glycol	MG/L	-	10	-	<8U	<8U	<8U	<8U	<8U	<8U						<8U
Fluoranthene	UG/L	-	300	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.4U

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
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U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 5
2013 - 2014 Groundwater Results from the South Disposal Area Wells Compared to Drinking Water Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	USEPA Regional Screening Levels (RSLs) for Tap Water (11/2013)	North Carolina Groundwater Quality Standards (NC2L)	Location	SWMU90-TW-2	SWMU90-TW-3	SWMU90-TW-4	SWMU90-TW-5	SWMU90-TW-6	SWMU90-TW-7	SWMU90-TW-8	SWMU90-TW-9	SWMU90-TW-9	SWMU90-TW-10	SWMU90-TW-11	UNIT1-TW-1
				Sample Date	10/14/2013	10/14/2013	10/15/2013	10/15/2013	10/15/2013	10/15/2013	06/19/2014	06/19/2014	06/19/2014	06/19/2014	06/19/2014	10/17/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Fluorene	UG/L	-	300	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.9U
Fluoride	MG/L	-	2	-												
Hexachlorobenzene	UG/L	-	0.02	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<0.1U
Hexachlorobutadiene	UG/L	-	0.4	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Hexachlorocyclopentadiene	UG/L	22	-	-	<5U	<5U	<5U	<5U	<5U	<5U						<5U
Hexachloroethane	UG/L	0.79	-	-	<1U	<1U	<1U	<1U	<1U	<1U						<1U
Hexachloropropylene	UG/L	-	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Indeno (1,2,3-CD) Pyrene	UG/L	-	0.05	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.9U
Iodomethane	UG/L	-	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Iron	UG/L	-	300	-												
Isobutyl Alcohol	UG/L	4600	-	-	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<100U	<1000U
Isodrin	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Isophorone	UG/L	-	40	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Isosafrole	UG/L	-	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Lead	UG/L	-	15	-	<0.085U	0.18J	1.3J	<0.085U	<0.085U	0.58J	0.64J	<0.082U	<0.082U	<0.082U	<0.082U	0.21J
Manganese	UG/L	-	50	-												
Mercury	UG/L	-	1	-	<0.06U	<0.06U	0.061J	<0.06U	0.12J	<0.06U	<0.06U	<0.06U	<0.06U	<0.06U	<0.06U	<0.06U
Meta- And Para-Xylene	UG/L	-	-	-												6.15J
Methacrylonitrile	UG/L	1.5	-	-	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<10U	<100U
Methanol	MG/L	-	4	-												
Methapyrilene	UG/L	-	-	-	<15U	<15U	<15U	<15U	<15U	<15U						<15U
Methyl Bromide	UG/L	7	-	10	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Methyl Chloride	UG/L	-	3	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Methyl Ethyl Ketone	MG/L	-	4	-	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.003U	<0.03U
Methyl Isobutyl Ketone	UG/L	-	-	100	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<30U
Methyl Methacrylate	UG/L	-	-	25	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<10U
Methyl Methanesulfonate	UG/L	0.68	-	-	<1U	<1U	<1U	<1U	<1U	<1U						<1U
Methyl Tertiary Butyl Ether	UG/L	-	20	-												<2.00U
Methylene Bromide	UG/L	-	-	70	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Methylene Chloride	UG/L	-	5	-	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	[220]
N-Dioctyl Phthalate	UG/L	-	100	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
N-Nitroso(Methyl)Ethylamine	UG/L	0.003	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
N-Nitroso-Di-N-Butylamine	UG/L	0.0024	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
N-Nitrosodi-N-Propylamine	UG/L	0.0093	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
N-Nitrosodiethylamine	UG/L	0.00014	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
N-Nitrosodimethylamine	UG/L	-	0.0007	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
N-Nitrosodiphenylamine	UG/L	10	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
N-Nitrosomorpholine	UG/L	0.01	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
N-Nitrosopiperidine	UG/L	0.0071	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
N-Nitrosopyrrolidine	UG/L	0.032	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Naphthalene	UG/L	-	6	-	<0.1U	0.3J	0.4J	0.1J	<0.1U	<0.1U						<3.00U
NC C9-C12 Aliphatic Hydrocarbons, unadjusted	UG/L	-	-	-												61.1J
Nickel	UG/L	-	100	-	16.1J	<1.5U	13.1J	<1.5U	<1.5U	<1.5U	14.4J	6.9J	6.1J	4J	2.7J	<1.5U
Nitrate	MG/L	-	10	-												
Nitrobenzene	UG/L	0.12	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
O,O,O-Triethylphosphorothioate	UG/L	-	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
O-Toluidine	UG/L	-	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Ortho-Xylene	UG/L	190	-	-												<2.00U
para-Phenylenediamine	UG/L	3000	-	-	<76U	<76U	<77U	<77U	<76U	<76U						<76U
Pentachlorobenzene	UG/L	2.3	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Pentachloroethane	UG/L	0.56	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<10U
Pentachloronitrobenzene	UG/L	0.1	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Pentachlorophenol	UG/L	-	0.3	-	<1U	<1U	<1U	<1U	<1U	<1U						<1U
Ph	STD UNITS	-	-	-												
Phenacetin	UG/L	30	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Phenanthrene	UG/L	-	200	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<2.9U
Phenol	UG/L	-	30	-	<0.5U	4	17	5	<0.5U	4						<0.5U
Pronamide	UG/L	900	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U						<0.5U
Propionitrile	UG/L	-	-	-	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<30U	<300U
Propylene Glycol	UG/L	-	-	140000	<8000U	<8000U	<8000U	<8000U	<8000U	<8000U						<8000U
Pyrene	UG/L	-	200	-	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U	<0.1U						<19U
Pyridine	UG/L	15	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Safrole	UG/L	0.083	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Selenium	UG/L	-	20	-	<0.5U	<0.5U	2.6J	<0.5U	<0.5U	<0.5U	<0.5U	0.61J	0.57J	<0.5U	<0.5U	1.3J
Silver	UG/L	-	20	-	<2.1U	<2.1U	<2.1U	<2.1U	<2.1U	<2.1U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<2.1U
Styrene	UG/L	-	70	-	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<10U

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				Sample Date	10/14/2013	10/14/2013	10/15/2013	10/15/2013	10/15/2013	10/15/2013	06/19/2014	06/19/2014	06/19/2014	06/19/2014	06/19/2014	10/17/2013
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC 2013												
Sulfate	MG/L	-	250	-												
Terephthalic Acid	UG/L	15000	-	-	<90U	<90U	<90U	<90U	<90U	<90U						<90U
Tetrachloroethene	UG/L	-	0.7	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<8U
Tetraethyl Dithiopyrophosphate	UG/L	5.3	-	-	<1U	<1U	<1U	<1U	<1U	<1U						<1U
Thallium	UG/L	-	-	0.2	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U
Thionazin	UG/L	-	-	-	<2U	<2U	<2U	<2U	<2U	<2U						<2U
Tin	UG/L	-	-	2000	<2.9U	<2.9U	<2.9U	<2.9U	<2.9U	<2.9U	<2.4U	<2.4U	<2.4U	<2.4U	<2.4U	<2.9U
Toluene	UG/L	-	600	-	<0.7U	<0.7U	<0.7U	<0.7U	<0.7U	<0.7U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	19.5
Total Dissolved Solids	MG/L	-	500	-												
Total Organic Carbon	MG/L	-	-	-												
Total Organic Halogen	UG/L	-	-	-												
Total Suspended Solids	MG/L	-	-	-												
trans-1,2-Dichloroethene	UG/L	-	100	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<8U
trans-1,3-Dichloropropene	UG/L	-	-	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
trans-1,4-Dichlorobutene-2	UG/L	0.0012	-	-	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<15U	<150U
Trichloroethene	UG/L	-	3	-	<1U	<1U	<1U	<1U	<1U	<1U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<10U
Trichlorofluoromethane	MG/L	-	2	-	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.0005UJ	<0.0005UJ	<0.0005UJ	<0.0005U	<0.0005U	<0.02U
Triethylene Glycol	UG/L	-	-	-	<8000U	<8000U	<8000U	<8000U	<8000U	<8000U						<8000U
Unadjusted C11 - C22 Aromatics	UG/L	-	-	-												4400
Vanadium	UG/L	-	-	0.3	<2U	<2U	[28.6]	<2U	<2U	[5.1J]	[10.4]	<1.9U	<1.9U	<1.9U	<1.9U	<2U
Vinyl Acetate	UG/L	-	-	88	<2U	<2U	<2U	<2U	<2U	<2U	<2UJ	<2U	<2U	<2UJ	<2UJ	<20U
Vinyl Chloride	UG/L	-	0.03	-	[2.1]	[19]	[37]	[10]	[34]	[19]	[0.41]	0.014J	0.012J	[0.11]	<0.010U	[3.9]
Xylenes	UG/L	-	500	-	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.8U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<8U
Zinc	MG/L	-	1	-	0.0093J	0.0131J	0.0324J	0.0077J	0.0028J	0.010J	0.0154J	0.0088J	0.0085J	0.0072J	0.0067J	0.0056J

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
U= Not Detected
R = Rejected
Highlighted Values in Brackets Exceed Screening Criteria

Table 6
Groundwater Data from Wells Within 100 Feet of an Occupied Building Compared to North Carolina Vapor Intrusion Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	NCDENR Non-Residential VI Groundwater Screening Levels (June 2014)	SWMU14-TW-5	SWMU14-TW-5	SWMU60-TW-1
			10/17/2013	10/17/2013	10/22/2013
			Regular Sample	Field Duplicate	Regular Sample
1,1,1,2-Tetrachloroethane	UG/L	160	<1U	<1U	
1,1,1-Trichloroethane	UG/L	6230	<0.8U	<0.8U	
1,1,2,2-Tetrachloroethane	UG/L	141	<1U	<1U	
1,1,2-Trichloroethane	UG/L	5.2	<0.8U	<0.8U	
1,1-Dichloroethane	UG/L	334	<1U	<1U	
1,1-Dichloroethene	UG/L	164	<0.8U	<0.8U	
1,2,3-Trichloropropane	UG/L	18.7	<1U	<1U	
1,2,4,5-Tetrachlorobenzene	UG/L	NV	<0.5U	<0.5U	
1,2,4-Trichlorobenzene	UG/L	30.2	<0.5U	<0.5U	
1,2-Dibromo-3-Chloropropane	UG/L	3.4	<2U	<2U	
1,2-Dibromoethane (EDB)	UG/L	7.69	<1U	<1U	
1,2-Dichlorobenzene	UG/L	2230	<0.5U	<0.5U	
1,2-Dichloroethane	UG/L	97.8	<1U	1J	
1,2-Dichloropropane	UG/L	30.4	<1U	<1U	
1,2-Diphenylhydrazine	UG/L	NV	4J	<0.5U	
1,3,5-Trinitrobenzene	UG/L	NV	<5U	<5U	
1,3-Dichlorobenzene	UG/L	NV	<0.5U	<0.5U	
1,3-Dinitrobenzene	UG/L	NV	<2U	<2U	
1,4-Dichlorobenzene	UG/L	113	<0.5U	<0.5U	
1,4-Dioxane	UG/L	NV	1J	1J	
1,4-Naphthoquinone	UG/L	NV	<10U	<10U	
1-Naphthylamine	UG/L	NV	<5U	<5U	
2,3,4,6-Tetrachlorophenol	UG/L	NV	<0.5U	<0.5U	
2,4,5-Trichlorophenol	UG/L	NV	<0.5U	<0.5U	
2,4,6-Trichlorophenol	UG/L	NV	<0.5U	<0.5U	
2,4-Dichlorophenol	UG/L	NV	<0.5U	<0.5U	
2,4-Dimethylphenol	UG/L	NV	<0.5U	<0.5U	
2,4-Dinitrophenol	UG/L	NV	<10U	<10U	
2,4-Dinitrotoluene	UG/L	NV	<1U	<1U	
2,6-Dichlorophenol	UG/L	NV	<0.5U	<0.5U	
2,6-Dinitrotoluene	UG/L	NV	<0.5U	<0.5U	
2-Acetylaminofluorene	UG/L	NV	<2U	<2U	
2-Chloronaphthalene	UG/L	NV	<0.4U	<0.4U	
2-Chlorophenol	UG/L	NV	<0.5U	<0.5U	
2-Hexanone	UG/L	6900	<3U	<3U	
2-Methylnaphthalene	UG/L	NV	0.5J	0.5J	
2-Methylphenol (O-Cresol)	UG/L	NV	<0.5U	<0.5U	
2-Naphthylamine	UG/L	NV	<5U	<5U	
2-Nitroaniline	UG/L	NV	<0.5U	<0.5U	
2-Nitrophenol	UG/L	NV	<0.5U	<0.5U	
2-Picoline	UG/L	NV	<2U	<2U	
3,3'-Dichlorobenzidine	UG/L	NV	<2U	<2U	
3,3'-Dimethylbenzidine	UG/L	NV	<26U	<25U	
3-Methylcholanthrene	UG/L	NV	<0.5U	<0.5U	
3-Nitroaniline	UG/L	NV	<0.5U	<0.5U	
4,6-Dinitro-2-Methylphenol	UG/L	NV	<5U	<5U	
4-Aminobiphenyl	UG/L	NV	<0.5U	<0.5U	
4-Bromophenyl Phenyl Ether	UG/L	NV	<0.5U	<0.5U	
4-Chloro-3-Methylphenol	UG/L	NV	<0.5U	<0.5U	
4-Chloroaniline	UG/L	NV	0.6J	<0.5U	
4-Chlorophenyl Phenyl Ether	UG/L	NV	<0.5U	<0.5U	

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
J = Estimated Value
U= Not Detected
NV = No Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 6
Groundwater Data from Wells Within 100 Feet of an Occupied Building Compared to North Carolina Vapor Intrusion Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	NCDENR Non-Residential VI Groundwater Screening Levels (June 2014)	SWMU14-TW-5	SWMU14-TW-5	SWMU60-TW-1
			10/17/2013	10/17/2013	10/22/2013
			Regular Sample	Field Duplicate	Regular Sample
4-Dimethylaminoazobenzene	UG/L	NV	<0.5U	<0.5U	
4-Methylphenol (P-Cresol)	UG/L	NV	<0.5U	<0.5U	
4-Nitroaniline	UG/L	NV	<0.5U	<0.5U	
4-Nitrophenol	UG/L	NV	<10U	<10U	
4-Nitroquinoline-N-Oxide	UG/L	NV	<20U	<20U	
5-Nitro-Ortho-Toluidine	UG/L	NV	<0.5U	<0.5U	
7,12-Dimethylbenz[A]Anthracene	UG/L	NV	<0.5U	<0.5U	
Acenaphthene	UG/L	NV	0.8	0.7	
Acenaphthylene	UG/L	NV	<0.1U	<0.1U	
Acetaldehyde	UG/L	2890	<50U	50J	
Acetone	MG/L	19000	<0.006U	<0.006U	
Acetonitrile	UG/L	37300	<25U	<25U	
Acetophenone	UG/L	NV	<0.5U	<0.5U	
Acrolein	UG/L	3.51	<1.6UJ	<1.6UJ	
Acrylonitrile	UG/L	311	<1.9U	<1.9U	
Allyl Chloride	UG/L	1.95	<1U	<1U	
Alpha,Alpha-Dimethylphenethylamine	UG/L	NV	<5U	<5U	
Aniline	UG/L	NV	<0.5U	<0.5U	
Anthracene	MG/L	NV	<0.0001U	<0.0001U	
Antimony	UG/L	NV	<5.3U	<5.3U	
Aramite	UG/L	NV	<5U	<5U	
Arsenic	UG/L	NV	2J	1.8J	
Barium	UG/L	NV	9.1J	8.9J	
Benzene	UG/L	69.3	<0.5U	<0.5U	
Benzo(A)Anthracene	UG/L	NV	<0.1U	<0.1U	
Benzo(B)Fluoranthene	UG/L	NV	<0.1U	<0.1U	
Benzo(G,H,I)Perylene	UG/L	NV	<0.1U	<0.1U	
Benzo(K)Fluoranthene	UG/L	NV	<0.1U	<0.1U	
Benzo(A)Pyrene	UG/L	NV	<0.1U	<0.1U	
Benzyl Alcohol	UG/L	NV	<5U	<5U	
Beryllium	UG/L	NV	<0.67U	<0.67U	
Biphenyl	UG/L	27.8	[1100]	[1200]	[1600]
Bis(2-Chloroethoxy)Methane	UG/L	NV	<0.5U	<0.5U	
Bis(2-Chloroethyl)Ether	UG/L	535	<0.5U	<0.5U	
Bis(2-Chloroisopropyl)Ether	UG/L	NV	<0.5U	<0.5U	
Bis(2-Ethylhexyl)Phthalate	UG/L	NV	<2U	<2U	
Bromodichloromethane	UG/L	38.3	<1U	<1U	
Bromoform	UG/L	NV	<1U	<1U	
Butyl Benzyl Phthalate	MG/L	NV	<0.002U	<0.002U	
Cadmium	UG/L	NV	<0.76U	<0.76U	
Carbon Disulfide	UG/L	1040	<1U	<1U	
Carbon Tetrachloride	UG/L	18.1	<1U	<1U	
Chlorobenzene	UG/L	345	<0.8U	<0.8U	
Chlorobenzilate	UG/L	NV	<3U	<3U	
Chlorodibromomethane	UG/L	142	<1U	<1U	
Chloroform	UG/L	35.5	<0.8U	<0.8U	
Chloroprene	UG/L	NV	<1U	<1U	
Chromium	UG/L	NV	<1.6U	<1.6U	
Chrysene	UG/L	NV	<0.1U	<0.1U	
cis-1,2 Dichloroethene	UG/L	NV	<0.8U	<0.8U	
cis-1,3-Dichloropropene	UG/L	121	<1U	<1U	

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
J = Estimated Value
U= Not Detected
NV = No Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 6
Groundwater Data from Wells Within 100 Feet of an Occupied Building Compared to North Carolina Vapor Intrusion Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	NCDENR Non-Residential VI Groundwater Screening Levels (June 2014)	SWMU14-TW-5	SWMU14-TW-5	SWMU60-TW-1
			10/17/2013	10/17/2013	10/22/2013
			Regular Sample	Field Duplicate	Regular Sample
Cobalt	UG/L	NV	<1.3U	<1.3U	
Copper	MG/L	NV	<0.0027U	<0.0027U	
Di-N-Butyl Phthalate	UG/L	NV	<2U	<2U	
Diallate	UG/L	NV	<1U	<1U	
Dibenz(A,H)Anthracene	UG/L	NV	<0.1U	<0.1U	
Dibenzofuran	UG/L	NV	3	3	
Dichlorodifluoromethane	MG/L	6.25	<0.002U	<0.002U	
Diethyl Phthalate	MG/L	NV	<0.002U	<0.002U	
Diethylene Glycol	UG/L	NV	<8000U	<8000U	
Dimethoate	UG/L	NV	<3U	<3U	
Dimethyl Phthalate	UG/L	NV	<2U	<2U	
Diphenyl Ether	UG/L	NV	4700	4900	6800
Ethyl Chloride	UG/L	1930	<1U	<1U	
Ethyl Methacrylate	UG/L	1120	<1U	<1U	
Ethyl Methanesulfonate	UG/L	NV	<0.5U	<0.5U	
Ethylbenzene	UG/L	152	<0.8U	<0.8U	
Ethylene Glycol	MG/L	NV	<8U	<8U	
Fluoranthene	UG/L	NV	<0.1U	<0.1U	
Fluorene	UG/L	NV	0.5	0.4J	
Hexachlorobenzene	UG/L	NV	<0.1U	<0.1U	
Hexachlorobutadiene	UG/L	NV	<0.5U	<0.5U	
Hexachlorocyclopentadiene	UG/L	NV	<5U	<5U	
Hexachloroethane	UG/L	NV	<1U	<1U	
Hexachloropropylene	UG/L	NV	<2U	<2U	
Indeno (1,2,3-CD) Pyrene	UG/L	NV	<0.1U	<0.1U	
Iodomethane	UG/L	NV	<1U	<1U	
Isobutyl Alcohol	UG/L	NV	<100U	<100U	
Isodrin	UG/L	NV	<0.5U	<0.5U	
Isophorone	UG/L	NV	<0.5U	<0.5U	
Isosafrole	UG/L	NV	<2U	<2U	
Lead	UG/L	NV	0.16J	0.097J	
Mercury	UG/L	0.563	<0.06U	<0.06U	
Methacrylonitrile	UG/L	2600	<10U	<10U	
Methapyrilene	UG/L	NV	<15U	<15U	
Methyl Bromide	UG/L	NV	<1U	<1U	
Methyl Chloride	UG/L	219	<1U	<1U	
Methyl Ethyl Ketone	MG/L	1880	<0.003U	<0.003U	
Methyl Isobutyl Ketone	UG/L	466000	<3U	<3U	
Methyl Methacrylate	UG/L	47000	<1U	<1U	
Methyl Methanesulfonate	UG/L	NV	<1U	<1U	
Methylene Bromide	UG/L	NV	<1U	<1U	
Methylene Chloride	UG/L	3960	<2U	<2U	
N-Dioctyl Phthalate	UG/L	NV	<2U	<2U	
N-Nitroso(Methyl)Ethylamine	UG/L	NV	<2U	<2U	
N-Nitroso-Di-N-Butylamine	UG/L	142	<2U	<2U	
N-Nitrosodi-N-Propylamine	UG/L	NV	<0.5U	<0.5U	
N-Nitrosodiethylamine	UG/L	NV	<0.5U	<0.5U	
N-Nitrosodimethylamine	UG/L	NV	<2U	<2U	
N-Nitrosodiphenylamine	UG/L	NV	<0.5U	<0.5U	
N-Nitrosomorpholine	UG/L	NV	<2U	<2U	
N-Nitrosopiperidine	UG/L	NV	<0.5U	<0.5U	

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
J = Estimated Value
U= Not Detected
NV = No Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 6
Groundwater Data from Wells Within 100 Feet of an Occupied Building Compared to North Carolina Vapor Intrusion Screening Levels
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	NCDENR Non-Residential VI Groundwater Screening Levels (June 2014)	SWMU14-TW-5	SWMU14-TW-5	SWMU60-TW-1
			10/17/2013	10/17/2013	10/22/2013
			Regular Sample	Field Duplicate	Regular Sample
N-Nitrosopyrrolidine	UG/L	NV	<0.5U	<0.5U	
Naphthalene	UG/L	146	12	11	
Nickel	UG/L	NV	<1.5U	<1.5U	
Nitrobenzene	UG/L	3130	<0.5U	<0.5U	
O,O,O-Triethylphosphorothioate	UG/L	NV	<2U	<2U	
O-Toluidine	UG/L	NV	<0.5U	<0.5U	
para-Phenylenediamine	UG/L	NV	<77U	<76U	
Pentachlorobenzene	UG/L	NV	<0.5U	<0.5U	
Pentachloroethane	UG/L	NV	<1U	<1U	
Pentachloronitrobenzene	UG/L	NV	<2U	<2U	
Pentachlorophenol	UG/L	NV	<1U	<1U	
Phenacetin	UG/L	NV	<0.5U	<0.5U	
Phenanthrene	UG/L	NV	0.3J	0.2J	
Phenol	UG/L	NV	18	19	
Pronamide	UG/L	NV	<0.5U	<0.5U	
Propionitrile	UG/L	NV	<30U	<30U	
Propylene Glycol	UG/L	NV	<8000U	<8000U	
Pyrene	UG/L	NV	<0.1U	<0.1U	
Pyridine	UG/L	NV	<2U	<2U	
Safrole	UG/L	NV	<2U	<2U	
Selenium	UG/L	NV	<0.5U	<0.5U	
Silver	UG/L	NV	<2.1U	<2.1U	
Styrene	UG/L	7790	<1U	<1U	
Tetrachloroethene	UG/L	48.4	4J	4J	
Tetraethyl Dithiopyrophosphate	UG/L	NV	<1U	<1U	
Thallium	UG/L	NV	<0.15U	<0.15U	
Thionazin	UG/L	NV	<2U	<2U	
Tin	UG/L	NV	<2.9U	<2.9U	
Toluene	UG/L	16100	<0.7U	<0.7U	
trans-1,2-Dichloroethene	UG/L	NV	<0.8U	<0.8U	
trans-1,3-Dichloropropene	UG/L	121	<1U	<1U	
trans-1,4-Dichlorobutene-2	UG/L	1.08	<15U	<15U	
Trichloroethene	UG/L	4.35	1J	1J	
Trichlorofluoromethane	MG/L	155	0.004J	0.004J	
Triethylene Glycol	UG/L	NV	<8000U	<8000U	
Vanadium	UG/L	NV	<2U	<2U	
Vinyl Acetate	UG/L	8390	<2U	<2U	
Vinyl Chloride	UG/L	24.5	0.27	0.28	
Xylenes	UG/L	414	<0.8U	<0.8U	
Zinc	MG/L	NV	<0.0020U	<0.0020U	

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
J = Estimated Value
U= Not Detected
NV = No Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7A
Surface Water Results from the Neuse River Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1	SW-1
				Sample Date	04/16/2003	04/16/2003	10/20/2003	10/20/2003	04/12/1999	10/08/2002	10/08/2002	10/10/2001	10/10/2001	10/11/2000	10/11/2000	04/24/1997	04/15/2002	04/15/2002
				Sample Purpose	Regular Sample	Field Duplicate	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Field Duplicate	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Field Duplicate
				NC IMAC2013														
Alkalinity, Bicarb. As CaCO3 At pH 4.5	MG/L	-	-	-	10.3	10.3	26.9	27	18.6	46	46.4	28.4	28.2	24.2	23.8		17	17.1
Alkalinity, Carb.As CaCO3 At pH 8.3	MG/L	-	-	-	<0.41U	<0.41U	<0.41U	<0.41U	<1	<0.41U	<0.41U	<0.41U	<0.41U	<0.37	<0.37		<0.41U	<0.41U
Alkalinity, Total	MG/L	-	-	-												23		
Ammonia	UG/L	-	-	1500												<100		
Arsenic	UG/L	10	10	-	<4.9U	<4.9U	<4.9U	<4.9U	<10	<4.9U	<4.9U	<5.3U	<5.3U	<5	<5	<20	<4.9U	<4.9U
Barium	UG/L	700	200000	-	28.8	29.1	29.2	29.7	<100	28.2	27.1	25	25.8	32.7J	33J	<400	35.5	35.5
Cadmium	UG/L	2	-	-	<0.94U	<0.94U	<0.87U	<0.87U		<0.94U	<0.94U	<0.64U	<0.64U	<3.6	<3.6	<4	<0.94U	<0.94U
Calcium	MG/L	-	-	-					5.44							<10.0		
Chemical Oxygen Demand (COD)	MG/L	-	-	-	37.8J	33.5J	25.5J	23.2J	25.2	37.6J	37.6J	22.8J	22.8J	26.7J	24.6J	12	32.1J	36.4J
Chloride	MG/L	250	-	-	8.9	9.2	15.7	15.7	11.2	25.8	26.1	15.7	15.6	13.3	12.7	13.6	12.4	12.7
Chromium	UG/L	10	-	-	<2U	<2U	<2.2U	<2.2U	<30	<2U	2.4J	<1.7U	<1.7U	<6.6	<6.6	<10	<2U	2.2J
Copper	UG/L	1000	-	-	<2.1U	<2.1U	<2.1U	<2.1U	<25	<2.6U	<2.6U	<2.4U	<2.4U	<2.7	<2.7	<50	<2.6U	<2.6U
Ethane	UG/L	-	-	-												<3.7		
Ethene	UG/L	-	-	-												<3.4		
Fluoride	MG/L	2	-	-	0.069J	0.083J	0.13	0.14	0.12	0.25	0.22	0.14	0.14	0.12	0.12	0.2	0.11	0.11
Formaldehyde	UG/L	600	-	-												<50		
Iron	UG/L	-	-	-	1140	1210	1530	1560	1380	826	824	900	966	1410	1460	1200	1190	1240
Lead	UG/L	15	-	-	<8.9U	<8.9U	<9.3U	<9.3U	<10	<8.9U	<8.9U	<8.8U	<8.8U	<9.8	<9.8	<6	<8.9U	<8.9U
Manganese	UG/L	-	-	-	23.6	23.3	73.4	77	103	47.5	47	33.4	35.3	65.4	66.4	49	56.7	57.8
Mercury	UG/L	1	-	-	<0.079U	<0.079U	<0.16U	<0.16U	<0.2	<0.079U	<0.079U	<0.026U	<0.026U	<0.048	<0.048	<0.2	<0.079U	<0.079U
Nitrate	MG/L	10	-	-	0.64J	0.64J	0.55	0.55	0.45	0.38	0.37	0.63	0.62	0.79	0.71	0.9	0.57	0.56
Phosphorus	MG/L	-	-	-												<0.05		
Potassium	MG/L	-	-	-												<10.0		
Propane	UG/L	-	-	-												<5.4		
Selenium	UG/L	20	-	-	<4.7U	<4.7U	<4.7U	<4.7U	<10	<4.8U	5.7J	<4.3U	<4.3U	<3.5	<3.5	<10	<4.8U	<4.8U
Silver	UG/L	20	-	-	<1.4U	<1.4U	<1.8U	<1.8U	<2	2.4J	<1.4U	<1.3U	<1.3U	<1.6	<1.6	<10	<1.4U	<1.4U
Sodium	MG/L	-	-	-												12.6		
Sulfate	MG/L	250	-	-	7.7	7.5	8.5	8.5	8.5	18.8	19.2	8.8	8.4	8.1	4.9J	11.6	6.9	7.3
Total Dissolved Solids	MG/L	500	-	-	73	68	99.5	94	76	135	135	99	97	93	96	99	82	87
Total Kjeldahl Nitrogen	MG/L	-	-	-												0.6		
Total Organic Carbon	MG/L	-	-	-	10.8	11.1	6.6J	6.8J	9.2	6.3	6.3	6	5.8	8.3	8.2	5	8.6	8.4
Total Organic Halogen	UG/L	-	-	-	15.6J	13.0J	<35.0U	<35.0U	36	20.J	64	29.J	24.J	19.J	19.J	<30.0	34.J	<20.U
Zinc	UG/L	1000	-	-	7.2J	7.8J	5.3B	4.9B	<25	5.5J	10J	5J	3.8J	<8.6	<8.6	<40	9J	7.2J

* NC2Ls for iron and manganese are based on aesthetic effects (i.e.; odor, taste, or color) and are not risk-based standards; therefore, they were not considered applicable.

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7A
Surface Water Results from the Neuse River Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	SW-1	SW-1	SW-1	SW-1	SW-2	SW-2	SW-2	SW-2	SW-2	SW-2	SW-2	SW-2	SW-2
				Sample Date	04/09/2001	04/09/2001	04/11/2000	04/11/2000	10/20/2003	04/12/1999	10/08/2002	10/10/2001	10/11/2000	04/24/1997	04/15/2002	04/09/2001	04/11/2000
				Sample Purpose	Regular Sample	Field Duplicate	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC2013													
Alkalinity, Bicarb. As CaCO3 At pH 4.5	MG/L	-	-	-	12.6	12.4	21.9	22.8	27.3	20.7	47.3	28.4	24.3		16.9	12.1	22.3
Alkalinity, Carb.As CaCO3 At pH 8.3	MG/L	-	-	-	<0.41U	<0.41U	<1	<1	<0.41U	<1	<0.41U	<0.41U	<0.37		<0.41U	<0.41U	<1
Alkalinity, Total	MG/L	-	-	-										23			
Ammonia	UG/L	-	-	1500										<100			
Arsenic	UG/L	10	10	-	<3.7U	<3.7U	<10	<10	<4.9U	<10	5.9J	<5.3U	<5	<20	<4.9U	<3.7U	<10
Barium	UG/L	700	200000	-	29.4	29.2	<100	<100	29.1	<100	28	25.7	33.5J	<400	35.4	29.9	<100
Cadmium	UG/L	2	-	-	<0.64U	<0.64U			<0.87U		<0.94U	<0.64U	<3.6	<4	<0.94U	<0.64U	
Calcium	MG/L	-	-	-			6.45	6.52		5.28				<10.0			6.21
Chemical Oxygen Demand (COD)	MG/L	-	-	-	29.0J	29.0J	19.2	18.4	25.5J	25.6	24.6J	22.8J	30.8J	11	40.8J	31.0J	18
Chloride	MG/L	250	-	-	8	7.9	14.7	14	15.8	12.3	26.3	15.5	12.9	14.1	12.6	7.7	13.7
Chromium	UG/L	10	-	-	<1.7U	<1.7U	<30	<30	<2.2U	<30	3.8J	<1.7U	<6.6	<10	<2U	<1.7U	<30
Copper	UG/L	1000	-	-	<2.4U	<2.4U	<25	<25	<2.1U	<25	<2.6U	<2.4U	<2.7	<50	<2.6U	2.5J	<25
Ethane	UG/L	-	-	-										<3.7			
Ethene	UG/L	-	-	-										<3.4			
Fluoride	MG/L	2	-	-	0.081J	0.083J	0.11	0.11	0.14	0.12	0.23	0.13	0.13	0.2	0.1	0.084J	0.11
Formaldehyde	UG/L	600	-	-										<50			
Iron	UG/L	-	-	-	1120	1130	1780	1700	1450	1140	836	1010	1520	1200	1260	1120	1590
Lead	UG/L	15	-	-	<8.8U	<8.8U	<10	<10	<9.3U	<10	<8.9U	<8.8U	<9.8	<6	<8.9U	<8.8U	<10
Manganese	UG/L	-	-	-	31.5	31.3	71	71	77.6	73	48.9	36.4	65.8	53	58.6	31.4	68
Mercury	UG/L	1	-	-	<0.026U	<0.026U	<0.2	<0.2	<0.16U	<0.2	<0.079U	<0.026U	<0.048	<0.2	<0.079U	<0.026U	<0.2
Nitrate	MG/L	10	-	-	0.11	0.11	0.88	0.9	0.55	0.38	0.39	0.64	0.72	1	0.57	0.098J	0.92
Phosphorus	MG/L	-	-	-										<0.05			
Potassium	MG/L	-	-	-										<10.0			
Propane	UG/L	-	-	-										<5.4			
Selenium	UG/L	20	-	-	<4.3U	<4.3U	<10	<10	<4.7U	<10	<4.8U	<4.3U	<3.5	<10	<4.8U	<4.3U	<10
Silver	UG/L	20	-	-	<1.3U	<1.3U	<4	<4	<1.8U	<2	<1.4U	<1.3U	<1.6	<10	<1.4U	<1.3U	<4
Sodium	MG/L	-	-	-										13.5			
Sulfate	MG/L	250	-	-	5	5.5	7	5.3	8.1	9.2	18.5	9	7.3	12.1	7.6	5.1	6.7
Total Dissolved Solids	MG/L	500	-	-	56	54	78	75	99	73	135	102	94	99	84	52	77
Total Kjeldahl Nitrogen	MG/L	-	-	-										0.5			
Total Organic Carbon	MG/L	-	-	-	10.5	9.7	7.4	7.2	11.6J	8.5	6.6	5.8	8	5	8.2	9.8	6.9
Total Organic Halogen	UG/L	-	-	-	<12.U	29.J	<35	<35	<35.0U	26	26.J	<20.U	<12.	<30.0	<20.U	<12.U	<35
Zinc	UG/L	1000	-	-	5.5J	7.6J	<25	<25	8.3B	64	5J	3.9J	<8.6	<40	10.6J	6.6J	<25

* NC2Ls for iron and manganese are based on aesthetic effects (i.e.; odor, taste, or color) and are not risk-based standar

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	C7-1	C7-1	C7-2	C7-3	CHAN-01	CHAN-02	CHAN-03	CHAN-04	CHAN-05	CHAN-06	CHAN-07	CHAN-07	CHAN01-01	CHAN01-01
				Sample Date	07/18/2012	07/18/2012	07/18/2012	07/18/2012	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/07/2000	04/07/2000	04/18/2000	04/18/2000	04/18/2002	01/29/2002
				Sample Purpose	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC2013														
1,1,1-Trichloroethane	UG/L	200	4.4	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
1,1,2,2-Tetrachloroethane	UG/L	0.2	4	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
1,1,2-Trichloroethane	UG/L	-	16	0.6					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
1,1-Dichloroethane	UG/L	6	170000	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
1,1-Dichloroethene	UG/L	7	7100	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
1,2,4-Trichlorobenzene	UG/L	70	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
1,2-Dichlorobenzene	UG/L	20	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
1,2-Dichloroethane	UG/L	0.4	37	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
1,2-Dichloropropane	UG/L	0.6	15	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
1,3-Dichlorobenzene	UG/L	200	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
1,4-Dichlorobenzene	UG/L	6	190	-					<10	<10	<10	<10	<10	<10	<10	<10		
1,4-Dioxane	UG/L	3	110	-	87.9J	94.8J	[270J]	[392J]	13	59	78	53	11	<6.3	68	64	14	23
2,4,5-Trichlorophenol	UG/L	-	-	63					<10	<10	<10	<10	<10	<10	<10	<10		
2,4,6-Trichlorophenol	UG/L	-	-	4					<10	<10	<10	<10	<10	<10	<10	<10		
2,4-Dichlorophenol	UG/L	-	-	0.98					<10	<10	<10	<10	<10	<10	<10	<10		
2,4-Dimethylphenol	UG/L	100	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
2,4-Dinitrophenol	UG/L	-	-	-					<50	<50	<50	<50	<50	<50	<50	<50		
2,4-Dinitrotoluene	UG/L	-	3.4	0.1					<10	<10	<10	<10	<10	<10	<10	<10		
2,6-Dinitrotoluene	UG/L	-	0.71	-					<10	<10	<10	<10	<10	<10	<10	<10		
2-Chloronaphthalene	MG/L	-	1.6	-					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
2-Chlorophenol	UG/L	0.4	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
2-Hexanone	UG/L	-	-	40					<10	<10	<10	<10	<10	<10	<20	<20		
2-Methylnaphthalene	UG/L	30	80	-					<10	<10	<10	<10	<10	<10	<10	<10		
2-Methylphenol (O-Cresol)	UG/L	-	-	400					<10	<10	<10	<10	<10	<10	15	15		
2-Nitroaniline	UG/L	-	-	-					<50	<50	<50	<50	<50	<50	<50	<50		
2-Nitrophenol	MG/L	-	-	-					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
3,3'-Dichlorobenzidine	UG/L	-	0.028	-					<50	<50	<50	<50	<50	<50	<50	<50		
3-Nitroaniline	UG/L	-	-	-					<50	<50	<50	<50	<50	<50	<50	<50		
4,6-Dinitro-2-Methylphenol	UG/L	-	280	-					<50	<50	<50	<50	<50	<50	<50	<50		
4-Bromophenyl Phenyl Ether	UG/L	-	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
4-Chloro-3-Methylphenol	UG/L	-	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
4-Chloroaniline	UG/L	-	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
4-Methylphenol (P-Cresol)	UG/L	40	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
4-Nitroaniline	UG/L	-	-	-					<50	<50	<50	<50	<50	<50	<50	<50		
4-Nitrophenol	UG/L	-	-	-					<50	<50	<50	<50	<50	<50	<50	<50		
Acenaphthene	UG/L	80	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Acenaphthylene	UG/L	200	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Acetone	MG/L	6	-	-					<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	0.044		
Acrolein	UG/L	-	-	4	<3.78	<3.78	<3.78	<3.78										
Acrylonitrile	UG/L	-	0.25	-														
Alkalinity, Bicarb. As CaCO3 At pH 4.5	MG/L	-	-	-														
Alkalinity, Carb.As CaCO3 At pH 8.3	MG/L	-	-	-														
Alkalinity, Total	MG/L	-	-	-														
Ammonia	UG/L	-	-	1500														
Anthracene	UG/L	2000	40000	-					<10	<10	<10	<10	<10	<10	<10	<10		
Antimony	UG/L	-	640	1					<200	<200	<200	<200	<200	<200	<200	<200		
Arsenic	UG/L	10	10	-					[28.2]	[89.8]	<10	<10	<10	<10	<10	<10		
Barium	UG/L	700	200000	-					491	310	<100	<100	<100	<100	<100	<100		
Benzene	UG/L	1	51	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Benzo(A)Anthracene	UG/L	0.05	0.0311	-					<10	<10	<10	<10	<10	<10	<10	<10		
Benzo(B)Fluoranthene	UG/L	0.05	0.0311	-					<10	<10	<10	<10	<10	<10	<10	<10		
Benzo(G,H,I)Perylene	UG/L	200	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Benzo(K)Fluoranthene	UG/L	0.5	0.0311	-					<10	<10	<10	<10	<10	<10	<10	<10		
Benzo[A]Pyrene	UG/L	0.005	0.0311	-					<10	<10	<10	<10	<10	<10	<10	<10		
Beryllium	UG/L	-	-	4					<10	<10	<10	<10	<10	<10	<10	<10		
Biphenyl	UG/L	400	860	-	6.36	5.51	0.260J	11.7	<10	<10	<10	<10	<10	<10	<10	<10		
Bis(2-Chloro-1-Methylethyl) Ether	MG/L	-	65	-					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
Bis(2-Chloroethoxy)Methane	UG/L	-	6000	-					<10	<10	<10	<10	<10	<10	<10	<10		
Bis(2-Chloroethyl)Ether	UG/L	0.03	0.53	-					<10	<10	<10	<10	<10	<10	<10	<10		
Bis(2-Ethylhexyl)Phthalate	UG/L	3	2.2	-					<10	<10	<10	<10	<10	<10	<10	<10		
Bromodichloromethane	UG/L	0.6	17	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Bromoform	UG/L	4	140	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Butyl Benzyl Phthalate	UG/L	1000	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Cadmium	UG/L	2	-	-					<10	[17.7]	<10	<10	<10	<10	<10	<10		
Calcium	MG/L	-	-	-														
Carbazole	UG/L	-	1.3	2					<10	<10	<10	<10	<10	<10	<10	<10		

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	C7-1	C7-1	C7-2	C7-3	CHAN-01	CHAN-02	CHAN-03	CHAN-04	CHAN-05	CHAN-06	CHAN-07	CHAN-07	CHAN01-01	CHAN01-01
				Sample Date	07/18/2012	07/18/2012	07/18/2012	07/18/2012	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/07/2000	04/07/2000	04/18/2000	04/18/2000	04/18/2002	01/29/2002
				Sample Purpose	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC2013														
Carbon Disulfide	UG/L	700	-	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Carbon Tetrachloride	UG/L	0.3	1.6	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Chemical Oxygen Demand (COD)	MG/L	-	-	-														
Chloride	MG/L	250	-	-														
Chlorobenzene	UG/L	50	-	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Chlorodibromomethane	UG/L	0.4	13	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Chloroform	UG/L	70	170	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Chromium	UG/L	10	-	-					[43.6]	<30	<30	<30	<30	<30	<30	<30		
Chrysene	UG/L	5	0.018	-					<10	<10	<10	<10	<10	<10	<10	<10		
cis-1,2 Dichloroethene	UG/L	70	4900	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
cis-1,3-Dichloropropene	UG/L	-	-	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Copper	UG/L	1000	-	-					30.3	<25	<25	<25	<25	<25	<25	<25		
Di-N-Butyl Phthalate	UG/L	700	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Dibenz(A,H)Anthracene	UG/L	0.005	0.0311	-					<10	<10	<10	<10	<10	<10	<10	<10		
Dibenzofuran	UG/L	-	-	28					<10	<10	<10	<10	<10	<10	<10	<10		
Diethyl Phthalate	MG/L	6	-	-					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
Diethylene Glycol	UG/L	-	-	-					<25000	<25000	<25000	<25000	<25000	<25000		<25000		
Dimethyl Phthalate	MG/L	-	-	-					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
Dimethyl Terephthalate	UG/L	-	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Diphenyl Ether**	UG/L	-	860	100	39.4	31.7	2.71	78.8										
Ethane	UG/L	-	-	-														
Ethene	UG/L	-	-	-														
Ethyl Chloride	UG/L	3000	550	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Ethylbenzene	UG/L	600	-	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Ethylene Glycol	MG/L	10	2500	-					<25	<25	<25	<25	<25	<25		<25		
Fluoranthene	UG/L	300	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Fluorene	UG/L	300	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Fluoride	MG/L	2	-	-														
Formaldehyde	UG/L	600	-	-														
Hexachlorobenzene	UG/L	0.02	0.00029	-					<10	<10	<10	<10	<10	<10	<10	<10		
Hexachlorobutadiene	UG/L	0.4	18	-					<10	<10	<10	<10	<10	<10	<10	<10		
Hexachlorocyclopentadiene	UG/L	-	1100	-					<50	<50	<50	<50	<50	<50	<50	<50		
Hexachloroethane	UG/L	-	3.3	-					<10	<10	<10	<10	<10	<10	<10	<10		
Indeno (1,2,3-CD) Pyrene	UG/L	0.05	0.0311	-					<10	<10	<10	<10	<10	<10	<10	<10		
Iron	UG/L	-	-	-														
Isophorone	UG/L	40	960	-					<10	<10	<10	<10	<10	<10	<10	<10		
Lead	UG/L	15	-	-					[45.5]	[39]	<5	<5	<5	<5	<5	<5		
Magnesium	MG/L	-	-	-														
Manganese	UG/L	-	-	-					833	1060	161	192	38.6	<10	134	131		
Mercury	UG/L	1	-	-					<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		
Methane	UG/L	-	-	-														
Methanol	MG/L	4	630	-	<0.2U	<0.2U	<0.2U	16										
Methyl Bromide	UG/L	-	1500	10					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Methyl Chloride	UG/L	3	96	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Methyl Ethyl Ketone	MG/L	4	-	-					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02		
Methyl Isobutyl Ketone	MG/L	-	160	0.1					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02		
Methylene Bromide	UG/L	-	-	70														
Methylene Chloride	UG/L	5	590	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	80	76		
N-Butanol	UG/L	-	-	700	<100U	<100U	<100U	[9000]										
N-Dioctyl Phthalate	UG/L	100	2500	-					<10	<10	<10	<10	<10	<10	<10	<10		
N-Nitrosodi-N-Propylamine	UG/L	-	0.51	-					<10	<10	<10	<10	<10	<10	<10	<10		
N-Nitrosodiphenylamine	UG/L	-	6	-					<10	<10	<10	<10	<10	<10	<10	<10		
Naphthalene	UG/L	6	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Nickel	UG/L	100	-	-					<50	<50	<50	<50	<50	<50	<50	<50		
Nitrate	MG/L	10	-	-														
Nitrobenzene	UG/L	-	30	-					<10	<10	<10	<10	<10	<10	<10	<10		
Pentachlorophenol	UG/L	0.3	3	-					<50	<50	<50	<50	<50	<50	<50	<50		
Phenanthrene	UG/L	200	-	-					<10	<10	<10	<10	<10	<10	<10	<10		
Phenol	UG/L	30	300	-					<10	<10	<10	<10	<10	<10	<10	<10		
Phosphorus	MG/L	-	-	-														
Potassium	MG/L	-	-	-														
Propane	UG/L	-	-	-														
Pyrene	UG/L	200	4000	-					<10	<10	<10	<10	<10	<10	<10	<10		
Selenium	UG/L	20	-	-					<10	[26.9]	<10	<10	<10	<10	<10	<10		
Silver	UG/L	20	-	-					<20	<20	<20	<20	<20	<20	<20	<20		
Sodium	MG/L	-	-	-														
Styrene	UG/L	70	-	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	C7-1	C7-1	C7-2	C7-3	CHAN-01	CHAN-02	CHAN-03	CHAN-04	CHAN-05	CHAN-06	CHAN-07	CHAN-07	CHAN01-01	CHAN01-01
				Sample Date	07/18/2012	07/18/2012	07/18/2012	07/18/2012	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/07/2000	04/07/2000	04/18/2000	04/18/2000	04/18/2002	01/29/2002
				Sample Purpose	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample
				NC IMAC2013														
Sulfate	MG/L	250	-	-														
Tetrachloroethene	UG/L	0.7	3.3	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Thallium	UG/L	-	0.47	0.2					<20	[31.7]	<20	<20	<20	<20	<20	<20		
Toluene	UG/L	600	-	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Total Dissolved Solids	MG/L	500	-	-														
Total Kjeldahl Nitrogen	MG/L	-	-	-														
Total Organic Carbon	MG/L	-	-	-														
Total Organic Halogen	UG/L	-	-	-														
trans-1,2-Dichloroethene	UG/L	100	10000	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
trans-1,3-Dichloropropene	UG/L	-	-	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Trichloroethene	UG/L	3	30	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Triethylene Glycol	UG/L	-	-	-					<25000	<25000	<25000	<25000	<25000	<25000		<25000		
Vanadium	UG/L	-	-	0.3					[48]	[44.8]	<20	<20	<20	<20	<20	<20		
Vinyl Chloride	UG/L	0.03	2.4	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Xylenes	UG/L	500	-	-					<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10		
Zinc	UG/L	1000	-	-					66	235	<25	<25	<25	<25	<25	<25		

* NC2Ls for iron and manganese are based on aesthetic effects (i.e.; odor, taste, or color) and are not risk-based standards; therefore, they were not considered applicable.
** NC2B for biphenyl used as a surogate value for diphenyl ether.

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	CHAN02-01	CHAN02-01	CHAN03-01	CHAN03-01	CHAN07-01	CHAN07-01	CHAN07-01	CHAN07-01	CHAN07-01DOWN	CHAN07-01DOWN	CHAN07-01UP	CHAN07-01UP	SW-3	SW-3
				Sample Date	04/18/2002	01/29/2002	04/18/2002	01/29/2002	04/18/2002	04/18/2002	01/29/2002	01/29/2002	05/14/2002	05/15/2002	05/15/2002	05/14/2002	04/16/2003	10/20/2003
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC2013														
1,1,1-Trichloroethane	UG/L	200	4.4	-														
1,1,2,2-Tetrachloroethane	UG/L	0.2	4	-														
1,1,2-Trichloroethane	UG/L	-	16	0.6														
1,1-Dichloroethane	UG/L	6	170000	-														
1,1-Dichloroethene	UG/L	7	7100	-														
1,2,4-Trichlorobenzene	UG/L	70	-	-														
1,2-Dichlorobenzene	UG/L	20	-	-														
1,2-Dichloroethane	UG/L	0.4	37	-														
1,2-Dichloropropane	UG/L	0.6	15	-														
1,3-Dichlorobenzene	UG/L	200	-	-														
1,4-Dichlorobenzene	UG/L	6	190	-														
1,4-Dioxane	UG/L	3	110	-	24	44	68	85	88	85	[180.]	[170.]	[440.]	[540.]	[320.]	[199.]		
2,4,5-Trichlorophenol	UG/L	-	-	63														
2,4,6-Trichlorophenol	UG/L	-	-	4														
2,4-Dichlorophenol	UG/L	-	-	0.98														
2,4-Dimethylphenol	UG/L	100	-	-														
2,4-Dinitrophenol	UG/L	-	-	-														
2,4-Dinitrotoluene	UG/L	-	3.4	0.1														
2,6-Dinitrotoluene	UG/L	-	0.71	-														
2-Chloronaphthalene	MG/L	-	1.6	-														
2-Chlorophenol	UG/L	0.4	-	-														
2-Hexanone	UG/L	-	-	40														
2-Methylnaphthalene	UG/L	30	80	-														
2-Methylphenol (O-Cresol)	UG/L	-	-	400														
2-Nitroaniline	UG/L	-	-	-														
2-Nitrophenol	MG/L	-	-	-														
3,3'-Dichlorobenzidine	UG/L	-	0.028	-														
3-Nitroaniline	UG/L	-	-	-														
4,6-Dinitro-2-Methylphenol	UG/L	-	280	-														
4-Bromophenyl Phenyl Ether	UG/L	-	-	-														
4-Chloro-3-Methylphenol	UG/L	-	-	-														
4-Chloroaniline	UG/L	-	-	-														
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-														
4-Methylphenol (P-Cresol)	UG/L	40	-	-														
4-Nitroaniline	UG/L	-	-	-														
4-Nitrophenol	UG/L	-	-	-														
Acenaphthene	UG/L	80	-	-														
Acenaphthylene	UG/L	200	-	-														
Acetone	MG/L	6	-	-														
Acrolein	UG/L	-	-	4														
Acrylonitrile	UG/L	-	0.25	-														
Alkalinity, Bicarb. As CaCO3 At pH 4.5	MG/L	-	-	-													22.5	31
Alkalinity, Carb.As CaCO3 At pH 8.3	MG/L	-	-	-													<0.41U	<0.41U
Alkalinity, Total	MG/L	-	-	-														
Ammonia	UG/L	-	-	1500														
Anthracene	UG/L	2000	40000	-														
Antimony	UG/L	-	640	1														
Arsenic	UG/L	10	10	-													<4.9U	<4.9U
Barium	UG/L	700	200000	-													28.4	21.1
Benzene	UG/L	1	51	-														
Benzo(A)Anthracene	UG/L	0.05	0.0311	-														
Benzo(B)Fluoranthene	UG/L	0.05	0.0311	-														
Benzo(G,H,I)Perylene	UG/L	200	-	-														
Benzo(K)Fluoranthene	UG/L	0.5	0.0311	-														
Benzo[A]Pyrene	UG/L	0.005	0.0311	-														
Beryllium	UG/L	-	-	4														
Biphenyl	UG/L	400	860	-														
Bis(2-Chloro-1-Methylethyl) Ether	MG/L	-	65	-														
Bis(2-Chloroethoxy)Methane	UG/L	-	6000	-														
Bis(2-Chloroethyl)Ether	UG/L	0.03	0.53	-														
Bis(2-Ethylhexyl)Phthalate	UG/L	3	2.2	-														
Bromodichloromethane	UG/L	0.6	17	-														
Bromoform	UG/L	4	140	-														
Butyl Benzyl Phthalate	UG/L	1000	-	-														
Cadmium	UG/L	2	-	-													<0.94U	<0.87U
Calcium	MG/L	-	-	-														
Carbazole	UG/L	-	1.3	2														

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	CHAN02-01	CHAN02-01	CHAN03-01	CHAN03-01	CHAN07-01	CHAN07-01	CHAN07-01	CHAN07-01	CHAN07-01DOWN	CHAN07-01DOWN	CHAN07-01UP	CHAN07-01UP	SW-3	SW-3
				Sample Date	04/18/2002	01/29/2002	04/18/2002	01/29/2002	04/18/2002	04/18/2002	01/29/2002	01/29/2002	05/14/2002	05/15/2002	05/15/2002	05/14/2002	04/16/2003	10/20/2003
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC2013														
Carbon Disulfide	UG/L	700	-	-														
Carbon Tetrachloride	UG/L	0.3	1.6	-														
Chemical Oxygen Demand (COD)	MG/L	-	-	-													20.5J	39.4J
Chloride	MG/L	250	-	-													12	8.2
Chlorobenzene	UG/L	50	-	-														
Chlorodibromomethane	UG/L	0.4	13	-														
Chloroform	UG/L	70	170	-														
Chromium	UG/L	10	-	-													8.7J	<2.2U
Chrysene	UG/L	5	0.018	-														
cis-1,2 Dichloroethene	UG/L	70	4900	-														
cis-1,3-Dichloropropene	UG/L	-	-	-														
Copper	UG/L	1000	-	-													<2.1U	<2.1U
Di-N-Butyl Phthalate	UG/L	700	-	-														
Dibenz(A,H)Anthracene	UG/L	0.005	0.0311	-														
Dibenzofuran	UG/L	-	-	28														
Diethyl Phthalate	MG/L	6	-	-														
Diethylene Glycol	UG/L	-	-	-														
Dimethyl Phthalate	MG/L	-	-	-														
Dimethyl Terephthalate	UG/L	-	-	-														
Diphenyl Ether**	UG/L	-	860	100														
Ethane	UG/L	-	-	-														
Ethene	UG/L	-	-	-														
Ethyl Chloride	UG/L	3000	550	-														
Ethylbenzene	UG/L	600	-	-														
Ethylene Glycol	MG/L	10	2500	-														
Fluoranthene	UG/L	300	-	-														
Fluorene	UG/L	300	-	-														
Fluoride	MG/L	2	-	-													0.13	0.14
Formaldehyde	UG/L	600	-	-														
Hexachlorobenzene	UG/L	0.02	0.00029	-														
Hexachlorobutadiene	UG/L	0.4	18	-														
Hexachlorocyclopentadiene	UG/L	-	1100	-														
Hexachloroethane	UG/L	-	3.3	-														
Indeno (1,2,3-CD) Pyrene	UG/L	0.05	0.0311	-														
Iron	UG/L	-	-	-													1740	2120
Isophorone	UG/L	40	960	-														
Lead	UG/L	15	-	-													<8.9U	<9.3U
Magnesium	MG/L	-	-	-														
Manganese	UG/L	-	-	-													57.8	40.7
Mercury	UG/L	1	-	-													<0.079U	<0.16U
Methane	UG/L	-	-	-														
Methanol	MG/L	4	630	-														
Methyl Bromide	UG/L	-	1500	10														
Methyl Chloride	UG/L	3	96	-														
Methyl Ethyl Ketone	MG/L	4	-	-														
Methyl Isobutyl Ketone	MG/L	-	160	0.1														
Methylene Bromide	UG/L	-	-	70														
Methylene Chloride	UG/L	5	590	-														
N-Butanol	UG/L	-	-	700														
N-Dioctyl Phthalate	UG/L	100	2500	-														
N-Nitrosodi-N-Propylamine	UG/L	-	0.51	-														
N-Nitrosodiphenylamine	UG/L	-	6	-														
Naphthalene	UG/L	6	-	-														
Nickel	UG/L	100	-	-														
Nitrate	MG/L	10	-	-													0.24J	<0.040U
Nitrobenzene	UG/L	-	30	-														
Pentachlorophenol	UG/L	0.3	3	-														
Phenanthrene	UG/L	200	-	-														
Phenol	UG/L	30	300	-														
Phosphorus	MG/L	-	-	-														
Potassium	MG/L	-	-	-														
Propane	UG/L	-	-	-														
Pyrene	UG/L	200	4000	-														
Selenium	UG/L	20	-	-													<4.7U	<4.7U
Silver	UG/L	20	-	-													<1.4U	<1.8U
Sodium	MG/L	-	-	-														
Styrene	UG/L	70	-	-														

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	CHAN02-01	CHAN02-01	CHAN03-01	CHAN03-01	CHAN07-01	CHAN07-01	CHAN07-01	CHAN07-01	CHAN07-01DOWN	CHAN07-01DOWN	CHAN07-01UP	CHAN07-01UP	SW-3	SW-3
				Sample Date	04/18/2002	01/29/2002	04/18/2002	01/29/2002	04/18/2002	04/18/2002	01/29/2002	01/29/2002	05/14/2002	05/15/2002	05/15/2002	05/14/2002	04/16/2003	10/20/2003
				Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
				NC IMAC2013														
Sulfate	MG/L	250	-	-													13.6	8.9
Tetrachloroethene	UG/L	0.7	3.3	-														
Thallium	UG/L	-	0.47	0.2														
Toluene	UG/L	600	-	-														
Total Dissolved Solids	MG/L	500	-	-													87	102
Total Kjeldahl Nitrogen	MG/L	-	-	-														
Total Organic Carbon	MG/L	-	-	-													7.6	6.6J
Total Organic Halogen	UG/L	-	-	-													12.7J	<35.0U
trans-1,2-Dichloroethene	UG/L	100	10000	-														
trans-1,3-Dichloropropene	UG/L	-	-	-														
Trichloroethene	UG/L	3	30	-														
Triethylene Glycol	UG/L	-	-	-														
Vanadium	UG/L	-	-	0.3														
Vinyl Chloride	UG/L	0.03	2.4	-														
Xylenes	UG/L	500	-	-														
Zinc	UG/L	1000	-	-													28.5	11.2B

* NC2Ls for iron and manganese are based on aesthetic effects (i.e.; odor, taste, or color) and are not risk-based standar
** NC2B for biphenyl used as a surogate value for diphenyl ether.

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SWMU12-D	SWMU12-U	SWMU12-U	SWMU12-U
				Sample Date	10/25/1999	10/25/1999	04/12/1999	10/10/2001	10/11/2000	04/24/1997	04/15/2002	04/09/2001	04/10/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000
				Sample Purpose	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample
				NC IMAC2013													
1,1,1-Trichloroethane	UG/L	200	4.4	-													
1,1,2,2-Tetrachloroethane	UG/L	0.2	4	-													<5.0
1,1,2-Trichloroethane	UG/L	-	16	0.6													
1,1-Dichloroethane	UG/L	6	170000	-													
1,1-Dichloroethene	UG/L	7	7100	-													
1,2,4-Trichlorobenzene	UG/L	70	-	-													
1,2-Dichlorobenzene	UG/L	20	-	-													
1,2-Dichloroethane	UG/L	0.4	37	-													
1,2-Dichloropropane	UG/L	0.6	15	-													
1,3-Dichlorobenzene	UG/L	200	-	-													
1,4-Dichlorobenzene	UG/L	6	190	-													
1,4-Dioxane	UG/L	3	110	-													<6.3
2,4,5-Trichlorophenol	UG/L	-	-	63													
2,4,6-Trichlorophenol	UG/L	-	-	4													
2,4-Dichlorophenol	UG/L	-	-	0.98													
2,4-Dimethylphenol	UG/L	100	-	-													
2,4-Dinitrophenol	UG/L	-	-	-													
2,4-Dinitrotoluene	UG/L	-	3.4	0.1													
2,6-Dinitrotoluene	UG/L	-	0.71	-													
2-Chloronaphthalene	MG/L	-	1.6	-													
2-Chlorophenol	UG/L	0.4	-	-													
2-Hexanone	UG/L	-	-	40													
2-Methylnaphthalene	UG/L	30	80	-													
2-Methylphenol (O-Cresol)	UG/L	-	-	400													
2-Nitroaniline	UG/L	-	-	-													
2-Nitrophenol	MG/L	-	-	-													
3,3'-Dichlorobenzidine	UG/L	-	0.028	-													
3-Nitroaniline	UG/L	-	-	-													
4,6-Dinitro-2-Methylphenol	UG/L	-	280	-													
4-Bromophenyl Phenyl Ether	UG/L	-	-	-													
4-Chloro-3-Methylphenol	UG/L	-	-	-													
4-Chloroaniline	UG/L	-	-	-													
4-Chlorophenyl Phenyl Ether	UG/L	-	-	-													
4-Methylphenol (P-Cresol)	UG/L	40	-	-													<10
4-Nitroaniline	UG/L	-	-	-													
4-Nitrophenol	UG/L	-	-	-													
Acenaphthene	UG/L	80	-	-													
Acenaphthylene	UG/L	200	-	-													
Acetone	MG/L	6	-	-													<0.02
Acrolein	UG/L	-	-	4													
Acrylonitrile	UG/L	-	0.25	-										<50	<50	<50	
Alkalinity, Bicarb. As CaCO3 At pH 4.5	MG/L	-	-	-	25.3	25.6	14	31.6	38		16.3	80.3	22.7				
Alkalinity, Carb.As CaCO3 At pH 8.3	MG/L	-	-	-	<1	<1	<1	<0.41U	<0.37		<0.41U	<0.41U	<1				
Alkalinity, Total	MG/L	-	-	-						23							
Ammonia	UG/L	-	-	1500						<100							
Anthracene	UG/L	2000	40000	-													
Antimony	UG/L	-	640	1													
Arsenic	UG/L	10	10	-	<10	<10	<10	<5.3U	<5	<20	<4.9U	<3.7U	<10				
Barium	UG/L	700	200000	-	<100	<100	<100	83	27.8J	<400	19.6	12.8	<100				
Benzene	UG/L	1	51	-													
Benzo(A)Anthracene	UG/L	0.05	0.0311	-													
Benzo(B)Fluoranthene	UG/L	0.05	0.0311	-													
Benzo(G,H,I)Perylene	UG/L	200	-	-													
Benzo(K)Fluoranthene	UG/L	0.5	0.0311	-													
Benzo[A]Pyrene	UG/L	0.005	0.0311	-													
Beryllium	UG/L	-	-	4													
Biphenyl	UG/L	400	860	-													<10
Bis(2-Chloro-1-Methylethyl) Ether	MG/L	-	65	-													
Bis(2-Chloroethoxy)Methane	UG/L	-	6000	-													
Bis(2-Chloroethyl)Ether	UG/L	0.03	0.53	-													
Bis(2-Ethylhexyl)Phthalate	UG/L	3	2.2	-													
Bromodichloromethane	UG/L	0.6	17	-													
Bromoform	UG/L	4	140	-													
Butyl Benzyl Phthalate	UG/L	1000	-	-													
Cadmium	UG/L	2	-	-				<0.64U	<3.6	<4	<0.94U	<0.64U					
Calcium	MG/L	-	-	-	12.5	12.5	9.16			13.2			11.2				
Carbazole	UG/L	-	1.3	2													

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SWMU12-D	SWMU12-U	SWMU12-U	SWMU12-U
				Sample Date	10/25/1999	10/25/1999	04/12/1999	10/10/2001	10/11/2000	04/24/1997	04/15/2002	04/09/2001	04/10/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000
				Sample Purpose	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample
				NC IMAC2013													
Carbon Disulfide	UG/L	700	-	-													<5.0
Carbon Tetrachloride	UG/L	0.3	1.6	-													
Chemical Oxygen Demand (COD)	MG/L	-	-	-	35.6	31	85	102	12.1J	21	42.9J	41.7J	34.9				
Chloride	MG/L	250	-	-	7.7	7.4	7.7	6.1	7.6	4.8	9.7	8.4	7.2				
Chlorobenzene	UG/L	50	-	-													
Chlorodibromomethane	UG/L	0.4	13	-													
Chloroform	UG/L	70	170	-													
Chromium	UG/L	10	-	-	<30	<30	<30	[24.4]	<6.6	<10	2.1J	2.9J	<30				
Chrysene	UG/L	5	0.018	-													
cis-1,2 Dichloroethene	UG/L	70	4900	-													
cis-1,3-Dichloropropene	UG/L	-	-	-													
Copper	UG/L	1000	-	-	<25	<25	<25	7.4	<2.7	<50	<2.6U	<2.4U	<25				
Di-N-Butyl Phthalate	UG/L	700	-	-													
Dibenz(A,H)Anthracene	UG/L	0.005	0.0311	-													
Dibenzofuran	UG/L	-	-	28													
Diethyl Phthalate	MG/L	6	-	-													
Diethylene Glycol	UG/L	-	-	-													
Dimethyl Phthalate	MG/L	-	-	-													
Dimethyl Terephthalate	UG/L	-	-	-													
Diphenyl Ether**	UG/L	-	860	100													
Ethane	UG/L	-	-	-						<3.7							
Ethene	UG/L	-	-	-						<3.4							
Ethyl Chloride	UG/L	3000	550	-													
Ethylbenzene	UG/L	600	-	-													
Ethylene Glycol	MG/L	10	2500	-													
Fluoranthene	UG/L	300	-	-													
Fluorene	UG/L	300	-	-													
Fluoride	MG/L	2	-	-	0.13	0.13	0.13	0.078J	0.14	0.2	0.19	0.4	0.16				
Formaldehyde	UG/L	600	-	-						59							
Hexachlorobenzene	UG/L	0.02	0.00029	-													
Hexachlorobutadiene	UG/L	0.4	18	-													
Hexachlorocyclopentadiene	UG/L	-	1100	-													
Hexachloroethane	UG/L	-	3.3	-													
Indeno (1,2,3-CD) Pyrene	UG/L	0.05	0.0311	-													
Iron	UG/L	-	-	-	1040	1110	1080	12800	976	1100	1070	2480	1800				
Isophorone	UG/L	40	960	-													
Lead	UG/L	15	-	-	<10	<10	<10	[20.6]	<9.8	<6	<8.9U	<8.8U	<10				
Magnesium	MG/L	-	-	-						<10.0							
Manganese	UG/L	-	-	-	42	44	43	116	28.8	33	18	95.7	32				
Mercury	UG/L	1	-	-	<0.2	<0.2	<0.2	<0.026U	<0.048	<0.2	0.12J	<0.026U	<0.2				
Methane	UG/L	-	-	-						40B							
Methanol	MG/L	4	630	-													
Methyl Bromide	UG/L	-	1500	10													
Methyl Chloride	UG/L	3	96	-													
Methyl Ethyl Ketone	MG/L	4	-	-													
Methyl Isobutyl Ketone	MG/L	-	160	0.1													<0.01
Methylene Bromide	UG/L	-	-	70													<5.0
Methylene Chloride	UG/L	5	590	-													<5.0
N-Butanol	UG/L	-	-	700													
N-Dioctyl Phthalate	UG/L	100	2500	-													
N-Nitrosodi-N-Propylamine	UG/L	-	0.51	-													
N-Nitrosodiphenylamine	UG/L	-	6	-													
Naphthalene	UG/L	6	-	-													
Nickel	UG/L	100	-	-													
Nitrate	MG/L	10	-	-	0.2	0.18	0.35	<0.040U	0.15	0.1	<0.040U	<0.040U	<0.1				
Nitrobenzene	UG/L	-	30	-													
Pentachlorophenol	UG/L	0.3	3	-													<50
Phenanthrene	UG/L	200	-	-													
Phenol	UG/L	30	300	-													<10
Phosphorus	MG/L	-	-	-						<0.05							
Potassium	MG/L	-	-	-						<10.0							
Propane	UG/L	-	-	-						<5.4							
Pyrene	UG/L	200	4000	-													
Selenium	UG/L	20	-	-	<10	<10	<10	<4.3U	<3.5	<10	<4.8U	<4.3U	<10				
Silver	UG/L	20	-	-	<4	<4	<2	<1.3U	<1.6	<10	<1.4U	<1.3U	<4				
Sodium	MG/L	-	-	-						<10.0							
Styrene	UG/L	70	-	-													

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 7B
Water Results from the On-site Drainage Channels Compared to Surface Water Quality Standards
DuPont Kinston Plant
Kinston, North Carolina

Parameter Name	Units	North Carolina Groundwater Quality Standards (NC2L)*	NC Surface Water Quality Standards (NC2B) for Prot. of Human Health (2007)	Location	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SWMU12-D	SWMU12-U	SWMU12-U	SWMU12-U
				Sample Date	10/25/1999	10/25/1999	04/12/1999	10/10/2001	10/11/2000	04/24/1997	04/15/2002	04/09/2001	04/10/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000
				Sample Purpose	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample	Regular Sample
				NC IMAC2013													
Sulfate	MG/L	250	-	-	10.3	10.1	9.4	2.9J	9.3	13.6	9.7	6.3	<5				
Tetrachloroethene	UG/L	0.7	3.3	-													
Thallium	UG/L	-	0.47	0.2													
Toluene	UG/L	600	-	-													
Total Dissolved Solids	MG/L	500	-	-	95	92	101	81	100	110	90	138	84				
Total Kjeldahl Nitrogen	MG/L	-	-	-						0.7							
Total Organic Carbon	MG/L	-	-	-	8.1	8.7	21.5	7.4	4.9	6	11.3	9.9	10.1				
Total Organic Halogen	UG/L	-	-	-	<25	46	52	<20.U	33.J	<30.0	<20.U	22.J	<35				
trans-1,2-Dichloroethene	UG/L	100	10000	-													
trans-1,3-Dichloropropene	UG/L	-	-	-													
Trichloroethene	UG/L	3	30	-													
Triethylene Glycol	UG/L	-	-	-													
Vanadium	UG/L	-	-	0.3													
Vinyl Chloride	UG/L	0.03	2.4	-													
Xylenes	UG/L	500	-	-													
Zinc	UG/L	1000	-	-	<25	<25	38	160	14.7J	51	28	24.9	<25				

* NC2Ls for iron and manganese are based on aesthetic effects (i.e.; odor, taste, or color) and are not risk-based standar
** NC2B for biphenyl used as a surogate value for diphenyl ether.

Notes:
UG/L= Micrograms per Liter
MG/L = Miligrams per Liter
IMAC = Interim Maximum Contaminant Level
J = Estimated Value
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	12SED-1	12SED-2	12SED-3	CHAN01-01	CHAN01-02	CHAN01-03	CHAN02-01	CHAN02-02	CHAN02-03	CHAN03-01	CHAN03-02	CHAN03-03	CHAN04-01	CHAN04-02
		Sample Date	11/01/1991	11/01/1991	11/01/1991	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000
		Sample Depth				0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Sample Type	Sediment	Sediment	Sediment	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014														
1,1,1-Trichloroethane	MG/KG	640	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
1,1,2,2-Tetrachloroethane	MG/KG	2.8	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
1,1,2-Trichloroethane	MG/KG	1.4	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
1,1-Dichloroethane	MG/KG	17	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
1,1-Dichloroethene	MG/KG	220	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
1,2,3-Trichloropropane	MG/KG	0.095	<0.005U	<0.005U	<0.025U											
1,2,4-Trichlorobenzene	MG/KG	98				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
1,2-Dichlorobenzene	MG/KG	380	<0.005U	<0.005U	<0.025U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
1,2-Dichloroethane	MG/KG	2.2	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
1,2-Dichloroethene	MG/KG	1300	<0.005U	<0.005U	<0.025U											
1,2-Dichloropropane	MG/KG	4.7	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
1,3-Dichlorobenzene	UG/KG	-	<5U	<5U	<25U	<760	<490	<530	<430	<600	<620	<700	<940	<780	<600	<440
1,4-Dichlorobenzene	MG/KG	12	<0.005U	<0.005U	<0.025U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
1,4-Dioxane	MG/KG	17	0.055J	0.13	1.3	<1.5	<0.99	<1.1	<0.86	<1.2	<1.2	<1.4	<1.9	<1.6	<1.2	<0.88
2,4,5-Trichlorophenol	MG/KG	12000	<1.6U	<1.6U	<1.6U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2,4,6-Trichlorophenol	MG/KG	120	<0.33U	<0.33U	<0.33U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2,4-Dichlorophenol	MG/KG	360	<0.33U	<0.33U	<0.33U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2,4-Dimethylphenol	MG/KG	2400	<0.33U	<0.33U	<0.33U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2,4-Dinitrophenol	MG/KG	240	<1.6U	<1.6U	<1.6U	<3.7	<2.4	<2.6	<2.1	<2.9	<3	<3.4	<4.5	<3.8	<2.9	<2.1
2,4-Dinitrotoluene	MG/KG	5.5				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2,6-Dinitrotoluene	MG/KG	1.2				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2-Chloroethyl Vinyl Ether	UG/KG	-	<10U	<10U	<50U											
2-Chloronaphthalene	MG/KG	180				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2-Chlorophenol	MG/KG	1000	<0.33U	<0.33U	<0.33U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2-Hexanone	MG/KG	280	<0.01U	<0.01U	<0.05U	<2.6	<1.5	<1.6	<1.3	<1.8	<1.9	<2.8	<2.8	<2.4	<1.8	<1.3
2-Methylnaphthalene	MG/KG	370				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2-Methylphenol (O-Cresol)	MG/KG	12000	<0.33U	<0.33U	<0.33U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
2-Nitroaniline	MG/KG	1200				<3.7	<2.4	<2.6	<2.1	<2.9	<3	<3.4	<4.5	<3.8	<2.9	<2.1
2-Nitrophenol	UG/KG	-	<330U	<330U	<330U	<760	<490	<530	<430	<600	<620	<700	<940	<780	<600	<440
3,3'-Dichlorobenzidine	MG/KG	3.8				<3.7	<2.4	<2.6	<2.1	<2.9	<3	<3.4	<4.5	<3.8	<2.9	<2.1
3-Nitroaniline	UG/KG	-				<3700	<2400	<2600	<2100	<2900	<3000	<3400	<4500	<3800	<2900	<2100
4,6-Dinitro-2-Methylphenol	MG/KG	9.8	<1.6U	<1.6U	<1.6U	<3.7	<2.4	<2.6	<2.1	<2.9	<3	<3.4	<4.5	<3.8	<2.9	<2.1
4-Bromophenyl Phenyl Ether	UG/KG	-				<760	<490	<530	<430	<600	<620	<700	<940	<780	<600	<440
4-Chloro-3-Methylphenol	MG/KG	12000	<0.33U	<0.33U	<0.33U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
4-Chloroaniline	MG/KG	8.6				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
4-Chlorophenyl Phenyl Ether	UG/KG	-				<760	<490	<530	<430	<600	<620	<700	<940	<780	<600	<440
4-Methylphenol (P-Cresol)	MG/KG	12000	<0.33U	0.073J	0.088J	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
4-Nitroaniline	MG/KG	86				<3.7	<2.4	<2.6	<2.1	<2.9	<3	<3.4	<4.5	<3.8	<2.9	<2.1
4-Nitrophenol	UG/KG	-	<1600U	<1600U	<1600U	<3700	<2400	<2600	<2100	<2900	<3000	<3400	<4500	<3800	<2900	<2100
Acenaphthene	MG/KG	6600				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Acenaphthylene	UG/KG	-				<760	<490	<530	<430	<600	<620	<700	<940	<780	<600	<440
Acetone	MG/KG	100000	0.038B	0.02B	0.24B	<2.6	<1.5	<1.6	<1.3	<1.8	<1.9	<2.8	<2.8	<2.4	<1.8	<1.3
Acrolein	MG/KG	0.13	<0.1U	<0.1U	<0.5U											
Acrylonitrile	MG/KG	1.2	<0.1U	<0.1U	<0.5U											
Anthracene	MG/KG	34000				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	0.84	<0.6	<0.44
Antimony	MG/KG	82				<45.9	<29.9	<32.3	<25.9	<36.5	<37.3	<42.7	<56.8	<47.2	<36.4	<26.7
Arsenic	MG/KG	2.4				[2.6]	[2.7]	[6.2]	[2.8]	[12.6]	[11.8]	<2.1	[25.5]	[8.7]	[3.2]	<1.3
Barium	MG/KG	38000				67.2	31	83.3	32.4	44.9	54.6	<21.3	96.6	54.8	50.4	25.8
Benzene	MG/KG	5.4	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Benzo(A)Anthracene	MG/KG	2.1				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	[2.2]	<0.6	<0.44
Benzo(B)Fluoranthene	MG/KG	2.1				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	1.6	<0.6	<0.44
Benzo(G,H,I)Perylene	UG/KG	-				<760	<490	<530	<430	<600	<620	<700	<940	1400	<600	<440
Benzo(K)Fluoranthene	MG/KG	21				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	2.2	<0.6	<0.44
Benzo[A]Pyrene	MG/KG	0.21				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	[2.2]	<0.6	<0.44
Benzoic Acid	MG/KG	100000	<1.6U	<1.6U	<1.6U											
Beryllium	MG/KG	400				<1.1	<0.75	<0.81	<0.65	<0.91	1.1	<1.1	<1.4	<1.2	<0.91	<0.67

Notes:
UG/KG= Micrograms per Kilogram
MG/KG = Miligrams per Kilogram
J = Estimated Value
U= Not Detected
R = Rejected
PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	12SED-1	12SED-2	12SED-3	CHAN01-01	CHAN01-02	CHAN01-03	CHAN02-01	CHAN02-02	CHAN02-03	CHAN03-01	CHAN03-02	CHAN03-03	CHAN04-01	CHAN04-02
		Sample Date	11/01/1991	11/01/1991	11/01/1991	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000
		Sample Depth				0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Sample Type	Sediment	Sediment	Sediment	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014														
Biphenyl	MG/KG	42				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Bis(2-Chloro-1-Methylethyl) Ether	MG/KG	22				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Bis(2-Chloroethoxy)Methane	MG/KG	360				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Bis(2-Chloroethyl)Ether	MG/KG	1				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Bis(2-Ethylhexyl)Phthalate	MG/KG	120				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Bromodichloromethane	MG/KG	1.4	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Bromoform	MG/KG	220	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Butyl Benzyl Phthalate	MG/KG	910				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Cadmium	MG/KG	160				<4.6	<3.0	<3.2	<2.6	<3.6	<3.7	<4.3	<5.7	<4.7	<3.6	<2.7
Carbazole	UG/KG	-				<760	<490	<530	<430	<600	<620	<700	<940	<780	<600	<440
Carbon Disulfide	MG/KG	740	<0.005U	<0.005U	0.01J	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Carbon Tetrachloride	MG/KG	3	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Chlorobenzene	MG/KG	280	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Chlorodibromomethane	MG/KG	3.3	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Chloroform	MG/KG	1.5	<0.005U	<0.005U	<0.025BU	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Chromium	MG/KG	-				16.2	16.1	21.5	22.3	9.8	16.5	24.3	25.6	15.1	16.7	10.1
Chrysene	MG/KG	210				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	2.2	<0.6	<0.44
cis-1,2 Dichloroethene	MG/KG	400				<0.33	<0.19	<0.2	<0.16	<0.23	<0.23	<0.35	<0.36	<0.29	<0.23	<0.17
cis-1,3-Dichloropropene	UG/KG	8.3	<5U	<5U	<25U	<660	<370	<400	<320	<460	<470	<700	<710	<590	<450	<330
Copper	MG/KG	8200				<9.2	<6.0	<6.5	<5.2	<7.3	13.8	<8.5	<11.4	<9.4	13.6	<5.3
Di-N-Butyl Phthalate	MG/KG	12000				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Dibenz(A,H)Anthracene	MG/KG	0.21				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Dibenzofuran	MG/KG	170				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Diethyl Phthalate	MG/KG	98000				<1.5	<0.99	<1.1	<0.86	<1.2	<1.2	<1.4	<1.9	<1.6	<1.2	<0.88
Diethylene Glycol	UG/KG	-				<57000	<38000	<45000	<39000	<52000	<46000	<46000	<75000	<46000	<57000	<36000
Dimethyl Phthalate	UG/KG	-				<760	<490	<530	<430	<600	<620	<700	<940	<780	<600	<440
Dimethyl Terephthalate	MG/KG	5.5				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Dowtherm A	UG/KG	-	92J	2100	5000											
Ethyl Chloride	MG/KG	2100	<0.01U	<0.01U	<0.05U	<1.3	<0.75	<0.81	<0.65	<0.91	<0.93	<1.4	<1.4	<1.2	<0.91	<0.67
Ethyl Methacrylate	MG/KG	1100	<0.005U	<0.005U	<0.025U											
Ethylbenzene	MG/KG	27	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Ethylene Glycol	MG/KG	100000				<57	<38	<45	<39	<52	<46	<46	<75	<46	<57	<36
Fluoranthene	MG/KG	4400				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	5.2	<0.6	<0.44
Fluorene	MG/KG	4400				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Hexachlorobenzene	MG/KG	1.1				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Hexachlorobutadiene	MG/KG	22				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Hexachlorocyclopentadiene	MG/KG	740				<3.7	<2.4	<2.6	<2.1	<2.9	<3	<3.4	<4.5	<3.8	<2.9	<2.1
Hexachloroethane	MG/KG	43				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Indeno (1,2,3-CD) Pyrene	MG/KG	2.1				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	1.3	<0.6	<0.44
Iodomethane	UG/KG	-	<10U	<10U	<50U											
Isophorone	MG/KG	1800				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Lead	MG/KG	800				18.3	8.6	14	6	10.2	13.7	<4.3	10.9	8.1	23.6	4.5
Manganese	MG/KG	4600				419	75.9	259	22	134	568	27.8	89.5	85.7	35.2	18.8
Mercury	MG/KG	3.1				<0.23	<0.15	<0.16	<0.13	<0.18	<0.19	<0.21	<0.28	<0.24	<0.18	<0.13
Methyl Bromide	MG/KG	6.4	<0.01U	<0.01U	<0.05U	<1.3	<0.75	<0.81	<0.65	<0.91	<0.93	<1.4	<1.4	<1.2	<0.91	<0.67
Methyl Chloride	MG/KG	100	<0.01U	<0.01U	<0.05U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Methyl Ethyl Ketone	MG/KG	28000	<0.01U	<0.01U	<0.05U	<2.6	<1.5	<1.6	<1.3	<1.8	<1.9	<2.8	<2.8	<2.4	<1.8	<1.3
Methyl Isobutyl Ketone	MG/KG	3400	<0.01U	<0.01U	0.023J	<2.6	<1.5	<1.6	<1.3	<1.8	<1.9	<2.8	<2.8	<2.4	<1.8	<1.3
Methylene Bromide	MG/KG	22	0.001BJ	0.002BJ	0.008BJ											
Methylene Chloride	MG/KG	620	0.11B	0.2B	1.4B	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
N-Dioctyl Phthalate	MG/KG	-				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
N-Nitrosodi-N-Propylamine	MG/KG	0.25				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
N-Nitrosodiphenylamine	MG/KG	350				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Naphthalene	MG/KG	18				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Nickel	MG/KG	4000				<11.5	<7.5	<8.1	6.6	11.1	17.1	<10.7	<14.2	<11.8	<9.1	<6.7
Nitrobenzene	MG/KG	24				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44

Notes:
UG/KG= Micrograms per Kilogram
MG/KG = Miligrams per Kilogram
J = Estimated Value
U= Not Detected
R = Rejected
PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	12SED-1	12SED-2	12SED-3	CHAN01-01	CHAN01-02	CHAN01-03	CHAN02-01	CHAN02-02	CHAN02-03	CHAN03-01	CHAN03-02	CHAN03-03	CHAN04-01	CHAN04-02
		Sample Date	11/01/1991	11/01/1991	11/01/1991	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000	04/06/2000
		Sample Depth				0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Sample Type	Sediment	Sediment	Sediment	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014														
Pentachlorophenol	MG/KG	2.7	<1.6U	0.11J	<1.6U	<3.7	<2.4	<2.6	<2.1	<2.9	<3	<3.4	<4.5	<3.8	<2.9	<2.1
Phenanthrene	UG/KG	-				<760	<490	<530	<430	<600	<620	<700	<940	3700	<600	<440
Phenol	MG/KG	36000	<0.33U	0.12J	<0.33U	<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	<0.78	<0.6	<0.44
Pyrene	MG/KG	3400				<0.76	<0.49	<0.53	<0.43	<0.6	<0.62	<0.7	<0.94	4	<0.6	<0.44
Selenium	MG/KG	1000				2.5	<0.75	1.1	<0.65	0.95	<0.93	<1.1	<1.4	<1.2	1.1	0.75
Silver	MG/KG	1000				<4.6	<3.0	<3.2	<2.6	<3.6	<3.7	<4.3	<5.7	<4.7	<3.6	<2.7
Styrene	MG/KG	870	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Tetrachloroethene	MG/KG	82	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Tetrahydrofuran	MG/KG	19000	<0.005U	<0.005U	0.03J											
Thallium	MG/KG	2				<23.0	<15.0	<16.1	<13.0	<18.2	<18.7	<21.3	<28.4	<23.6	<18.2	<13.3
Toluene	MG/KG	820	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
trans-1,2-Dichloroethene	MG/KG	140				<0.33	<0.19	<0.2	<0.16	<0.23	<0.23	<0.35	<0.36	<0.29	<0.23	<0.17
trans-1,3-Dichloropropene	UG/KG	8.3	<5U	<5U	<25U	<660	<370	<400	<320	<460	<470	<700	<710	<590	<450	<330
trans-1,4-Dichlorobutene-2	MG/KG	0.035	<0.005U	<0.005U	<0.025U											
Trichloroethene	MG/KG	4	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Trichlorofluoromethane	MG/KG	680	<0.005U	<0.005U	<0.025U											
Triethylene Glycol	UG/KG	-				<57000	<38000	<45000	<39000	<52000	<46000	<46000	<75000	<46000	<57000	<36000
Vanadium	MG/KG	1000				13.2	12.3	17.9	13.2	14	24.1	9.3	11.1	7.4	20.4	6.8
Vinyl Acetate	MG/KG	820	<0.01U	<0.01U	<0.05U											
Vinyl Chloride	MG/KG	1.7	<0.01U	<0.01U	<0.05U	<1.3	<0.75	<0.81	<0.65	<0.91	<0.93	<1.4	<1.4	<1.2	<0.91	<0.67
Xylenes	MG/KG	260	<0.005U	<0.005U	<0.025U	<0.66	<0.37	<0.4	<0.32	<0.46	<0.47	<0.7	<0.71	<0.59	<0.45	<0.33
Zinc	MG/KG	62000				<23.0	<15.0	30.4	25.3	36.4	26.6	<21.3	<28.4	<23.6	19.5	<13.3

Notes:
UG/KG= Micrograms per Kilogram
MG/KG = Miligrams per Kilogram
J = Estimated Value
U= Not Detected
R = Rejected
PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	CHAN04-03	CHAN05-01	CHAN05-02	CHAN05-02	CHAN05-02	CHAN05-03	CHAN05-03	CHAN06-01	CHAN06-01	CHAN06-02	CHAN06-02	CHAN06-03	CHAN06-03	CHAN07-02
		Sample Date	04/06/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/17/2000
		Sample Depth	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014														
1,1,1-Trichloroethane	MG/KG	640	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
1,1,2,2-Tetrachloroethane	MG/KG	2.8	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
1,1,2-Trichloroethane	MG/KG	1.4	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
1,1-Dichloroethane	MG/KG	17	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
1,1-Dichloroethene	MG/KG	220	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
1,2,3-Trichloropropane	MG/KG	0.095														
1,2,4-Trichlorobenzene	MG/KG	98	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
1,2-Dichlorobenzene	MG/KG	380	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
1,2-Dichloroethane	MG/KG	2.2	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
1,2-Dichloroethene	MG/KG	1300														
1,2-Dichloropropane	MG/KG	4.7	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
1,3-Dichlorobenzene	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
1,4-Dichlorobenzene	MG/KG	12	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
1,4-Dioxane	MG/KG	17	<1.6	<1.2	<0.97		<0.86		<0.86	<0.84		<1.2		<0.77		<0.85
2,4,5-Trichlorophenol	MG/KG	12000	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2,4,6-Trichlorophenol	MG/KG	120	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2,4-Dichlorophenol	MG/KG	360	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2,4-Dimethylphenol	MG/KG	2400	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2,4-Dinitrophenol	MG/KG	240	<3.8	<2.9	<2.3		<2.1		<2.1	<2		<2.9		<1.9		<2.1
2,4-Dinitrotoluene	MG/KG	5.5	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2,6-Dinitrotoluene	MG/KG	1.2	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2-Chloroethyl Vinyl Ether	UG/KG	-														
2-Chloronaphthalene	MG/KG	180	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2-Chlorophenol	MG/KG	1000	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2-Hexanone	MG/KG	280	<2.9	<2.3	<1.5		<1.3		<1.3	<1.3		<1.8		<1.2		<1.3
2-Methylnaphthalene	MG/KG	370	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2-Methylphenol (O-Cresol)	MG/KG	12000	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
2-Nitroaniline	MG/KG	1200	<3.8	<2.9	<2.3		<2.1		<2.1	<2		<2.9		<1.9		<2.1
2-Nitrophenol	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
3,3'-Dichlorobenzidine	MG/KG	3.8	<3.8	<2.9	<2.3		<2.1		<2.1	<2		<2.9		<1.9		<2.1
3-Nitroaniline	UG/KG	-	<3800	<2900	<2300		<2100		<2100	<2000		<2900		<1900		<2100
4,6-Dinitro-2-Methylphenol	MG/KG	9.8	<3.8	<2.9	<2.3		<2.1		<2.1	<2		<2.9		<1.9		<2.1
4-Bromophenyl Phenyl Ether	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
4-Chloro-3-Methylphenol	MG/KG	12000	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
4-Chloroaniline	MG/KG	8.6	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
4-Chlorophenyl Phenyl Ether	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
4-Methylphenol (P-Cresol)	MG/KG	12000	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
4-Nitroaniline	MG/KG	86	<3.8	<2.9	<2.3		<2.1		<2.1	<2		<2.9		<1.9		<2.1
4-Nitrophenol	UG/KG	-	<3800	<2900	<2300		<2100		<2100	<2000		<2900		<1900		<2100
Acenaphthene	MG/KG	6600	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Acenaphthylene	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
Acetone	MG/KG	100000	<2.9	<2.3	<1.5		<1.3		<1.3	<1.3		<1.8		<1.2		<1.3
Acrolein	MG/KG	0.13														
Acrylonitrile	MG/KG	1.2														
Anthracene	MG/KG	34000	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Antimony	MG/KG	82	<47.2	<36.7	<29.3		<26.0		<26.0	<25.6		<35.8		<23.2		<25.8
Arsenic	MG/KG	2.4	[2.7]	[4.7]	<1.5		<1.3		<1.3	<1.3		[3.2]		<1.2		<1.3
Barium	MG/KG	38000	47.9	82.4	17.7		13.7		<13.0	<12.8		55.2		24.4		<12.9
Benzene	MG/KG	5.4	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Benzo(A)Anthracene	MG/KG	2.1	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Benzo(B)Fluoranthene	MG/KG	2.1	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Benzo(G,H,I)Perylene	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
Benzo(K)Fluoranthene	MG/KG	21	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Benzo[A]Pyrene	MG/KG	0.21	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Benzoic Acid	MG/KG	100000														
Beryllium	MG/KG	400	2.7	<0.92	<0.73		<0.65		<0.65	<0.64		<0.89		<0.58		<0.64

Notes:
UG/KG= Micrograms per Kilogram
MG/KG = Miligrams per Kilogram
J = Estimated Value
U= Not Detected
R = Rejected
PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	CHAN04-03	CHAN05-01	CHAN05-02	CHAN05-02	CHAN05-02	CHAN05-03	CHAN05-03	CHAN06-01	CHAN06-01	CHAN06-02	CHAN06-02	CHAN06-03	CHAN06-03	CHAN07-02
		Sample Date	04/06/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/17/2000
		Sample Depth	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014														
Biphenyl	MG/KG	42	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Bis(2-Chloro-1-Methylethyl) Ether	MG/KG	22	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Bis(2-Chloroethoxy)Methane	MG/KG	360	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Bis(2-Chloroethyl)Ether	MG/KG	1	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Bis(2-Ethylhexyl)Phthalate	MG/KG	120	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Bromodichloromethane	MG/KG	1.4	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Bromoform	MG/KG	220	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Butyl Benzyl Phthalate	MG/KG	910	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Cadmium	MG/KG	160	<4.7	<3.7	<2.9		<2.6		<2.6	<2.6		<3.6		<2.3		<2.6
Carbazole	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
Carbon Disulfide	MG/KG	740	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Carbon Tetrachloride	MG/KG	3	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Chlorobenzene	MG/KG	280	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Chlorodibromomethane	MG/KG	3.3	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Chloroform	MG/KG	1.5	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Chromium	MG/KG	-	39.3	11.6	13.3		13.5		11	5.7		27.6		15.2		11.7
Chrysene	MG/KG	210	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
cis-1,2 Dichloroethene	MG/KG	400	<0.37	<0.28	<0.18		<0.16		<0.16	<0.16		<0.22		<0.15		<0.16
cis-1,3-Dichloropropene	UG/KG	8.3	<730	<570	<370		<330		<320	<320		<450		<290		<320
Copper	MG/KG	8200	15.7	12.1	<5.9		<5.2		<5.2	<5.1		<7.2		<4.6		<5.2
Di-N-Butyl Phthalate	MG/KG	12000	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Dibenz(A,H)Anthracene	MG/KG	0.21	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Dibenzofuran	MG/KG	170	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Diethyl Phthalate	MG/KG	98000	<1.6	<1.2	<0.97		<0.86		<0.86	<0.84		<1.2		<0.77		<0.85
Diethylene Glycol	UG/KG	-	<57000	<47000	<46000	<37000		<33000			<35000		<30000		<42000	<32000
Dimethyl Phthalate	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
Dimethyl Terephthalate	MG/KG	5.5	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Dowtherm A	UG/KG	-														
Ethyl Chloride	MG/KG	2100	<1.5	<1.1	<0.73		<0.65		<0.65	<0.64		<0.89		<0.58		<0.64
Ethyl Methacrylate	MG/KG	1100														
Ethylbenzene	MG/KG	27	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Ethylene Glycol	MG/KG	100000	<57	<47	<46	<37		<33			<35		<30		<42	<32
Fluoranthene	MG/KG	4400	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Fluorene	MG/KG	4400	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Hexachlorobenzene	MG/KG	1.1	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Hexachlorobutadiene	MG/KG	22	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Hexachlorocyclopentadiene	MG/KG	740	<3.8	<2.9	<2.3		<2.1		<2.1	<2		<2.9		<1.9		<2.1
Hexachloroethane	MG/KG	43	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Indeno (1,2,3-CD) Pyrene	MG/KG	2.1	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Iodomethane	UG/KG	-														
Isophorone	MG/KG	1800	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Lead	MG/KG	800	18.3	10.8	<2.9		<2.6		<2.6	3.5		14.2		8.3		<2.6
Manganese	MG/KG	4600	25.4	161	17.4		11.1		3.6	6.3		122		8.1		4
Mercury	MG/KG	3.1	<0.24	<0.18	<0.15		<0.13		<0.13	<0.13		<0.18		<0.12		<0.13
Methyl Bromide	MG/KG	6.4	<1.5	<1.1	<0.73		<0.65		<0.65	<0.64		<0.89		<0.58		<0.64
Methyl Chloride	MG/KG	100	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Methyl Ethyl Ketone	MG/KG	28000	<2.9	<2.3	<1.5		<1.3		<1.3	<1.3		<1.8		<1.2		<1.3
Methyl Isobutyl Ketone	MG/KG	3400	<2.9	<2.3	<1.5		<1.3		<1.3	<1.3		<1.8		<1.2		<1.3
Methylene Bromide	MG/KG	22														
Methylene Chloride	MG/KG	620	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
N-Dioctyl Phthalate	MG/KG	-	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
N-Nitrosodi-N-Propylamine	MG/KG	0.25	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
N-Nitrosodiphenylamine	MG/KG	350	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Naphthalene	MG/KG	18	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Nickel	MG/KG	4000	12.5	9.2	<7.3		<6.5		<6.5	<6.4		<8.9		<5.8		<6.4
Nitrobenzene	MG/KG	24	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43

Notes:
UG/KG= Micrograms per Kilogram
MG/KG = Miligrams per Kilogram
J = Estimated Value
U= Not Detected
R = Rejected
PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	CHAN04-03	CHAN05-01	CHAN05-02	CHAN05-02	CHAN05-02	CHAN05-03	CHAN05-03	CHAN06-01	CHAN06-01	CHAN06-02	CHAN06-02	CHAN06-03	CHAN06-03	CHAN07-02
		Sample Date	04/06/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/07/2000	04/17/2000
		Sample Depth	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Field Duplicate	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014														
Pentachlorophenol	MG/KG	2.7	<3.8	<2.9	<2.3		<2.1		<2.1	<2		<2.9		<1.9		<2.1
Phenanthrene	UG/KG	-	<780	<610	<480		<430		<430	<420		<590		<380		<430
Phenol	MG/KG	36000	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Pyrene	MG/KG	3400	<0.78	<0.61	<0.48		<0.43		<0.43	<0.42		<0.59		<0.38		<0.43
Selenium	MG/KG	1000	<1.2	2.2	<0.73		<0.65		<0.65	<0.64		<0.89		<0.58		<0.64
Silver	MG/KG	1000	<4.7	<3.7	<2.9		<2.6		<2.6	<2.6		<3.6		<2.3		<2.6
Styrene	MG/KG	870	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Tetrachloroethene	MG/KG	82	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Tetrahydrofuran	MG/KG	19000														
Thallium	MG/KG	2	<23.6	<18.3	<14.7		<13.0		<13.0	<12.8		<17.9		<11.6		<12.9
Toluene	MG/KG	820	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
trans-1,2-Dichloroethene	MG/KG	140	<0.37	<0.28	<0.18		<0.16		<0.16	<0.16		<0.22		<0.15		<0.16
trans-1,3-Dichloropropene	UG/KG	8.3	<730	<570	<370		<330		<320	<320		<450		<290		<320
trans-1,4-Dichlorobutene-2	MG/KG	0.035														
Trichloroethene	MG/KG	4	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Trichlorofluoromethane	MG/KG	680														
Triethylene Glycol	UG/KG	-	<57000	<47000	<46000	<37000		<33000			<35000		<30000		<42000	<32000
Vanadium	MG/KG	1000	18	18.6	3.3		3.5		3.7	3.1		16.3		12.3		4.6
Vinyl Acetate	MG/KG	820														
Vinyl Chloride	MG/KG	1.7	<1.5	<1.1	<0.73		<0.65		<0.65	<0.64		<0.89		<0.58		<0.64
Xylenes	MG/KG	260	<0.73	<0.57	<0.37		<0.33		<0.32	<0.32		<0.45		<0.29		<0.32
Zinc	MG/KG	62000	49.7	30.2	<14.7		<13.0		<13.0	<12.8		43.5		<11.6		<12.9

Notes:
UG/KG= Micrograms per Kilogram
MG/KG = Miligrams per Kilogram
J = Estimated Value
U= Not Detected
R = Rejected
PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	CHAN07-03	SWMU12-01	SWMU12-02	SWMU12-03	SWMU12-03	SWMU12-04
		Sample Date	04/17/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000
		Sample Depth	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014						
1,1,1-Trichloroethane	MG/KG	640	<0.31					
1,1,2,2-Tetrachloroethane	MG/KG	2.8	<0.31	<1.3	<1.1	<0.3	<0.31	<0.31
1,1,2-Trichloroethane	MG/KG	1.4	<0.31					
1,1-Dichloroethane	MG/KG	17	<0.31					
1,1-Dichloroethene	MG/KG	220	<0.31					
1,2,3-Trichloropropane	MG/KG	0.095						
1,2,4-Trichlorobenzene	MG/KG	98	<0.42					
1,2-Dichlorobenzene	MG/KG	380	<0.42					
1,2-Dichloroethane	MG/KG	2.2	<0.31					
1,2-Dichloroethene	MG/KG	1300						
1,2-Dichloropropane	MG/KG	4.7	<0.31					
1,3-Dichlorobenzene	UG/KG	-	<420					
1,4-Dichlorobenzene	MG/KG	12	<0.42					
1,4-Dioxane	MG/KG	17	<0.83	<1.5	<1.7	<0.79	<0.81	<0.82
2,4,5-Trichlorophenol	MG/KG	12000	<0.42					
2,4,6-Trichlorophenol	MG/KG	120	<0.42					
2,4-Dichlorophenol	MG/KG	360	<0.42					
2,4-Dimethylphenol	MG/KG	2400	<0.42					
2,4-Dinitrophenol	MG/KG	240	<2					
2,4-Dinitrotoluene	MG/KG	5.5	<0.42					
2,6-Dinitrotoluene	MG/KG	1.2	<0.42					
2-Chloroethyl Vinyl Ether	UG/KG	-						
2-Chloronaphthalene	MG/KG	180	<0.42					
2-Chlorophenol	MG/KG	1000	<0.42					
2-Hexanone	MG/KG	280	<1.3					
2-Methylnaphthalene	MG/KG	370	<0.42					
2-Methylphenol (O-Cresol)	MG/KG	12000	<0.42					
2-Nitroaniline	MG/KG	1200	<2					
2-Nitrophenol	UG/KG	-	<420					
3,3'-Dichlorobenzidine	MG/KG	3.8	<2					
3-Nitroaniline	UG/KG	-	<2000					
4,6-Dinitro-2-Methylphenol	MG/KG	9.8	<2					
4-Bromophenyl Phenyl Ether	UG/KG	-	<420					
4-Chloro-3-Methylphenol	MG/KG	12000	<0.42					
4-Chloroaniline	MG/KG	8.6	<0.42					
4-Chlorophenyl Phenyl Ether	UG/KG	-	<420					
4-Methylphenol (P-Cresol)	MG/KG	12000	<0.42	<0.76	<0.83	<0.4	<0.41	<0.41
4-Nitroaniline	MG/KG	86	<2					
4-Nitrophenol	UG/KG	-	<2000					
Acenaphthene	MG/KG	6600	<0.42					
Acenaphthylene	UG/KG	-	<420					
Acetone	MG/KG	100000	<1.3	<5.1	<4.4	<1.2	<1.2	<1.2
Acrolein	MG/KG	0.13						
Acrylonitrile	MG/KG	1.2		<7.7	<6.6	<1.8	<1.8	<1.9
Anthracene	MG/KG	34000	<0.42					
Antimony	MG/KG	82	<25.2					
Arsenic	MG/KG	2.4	<1.3					
Barium	MG/KG	38000	<12.6					
Benzene	MG/KG	5.4	<0.31					
Benzo(A)Anthracene	MG/KG	2.1	<0.42					
Benzo(B)Fluoranthene	MG/KG	2.1	<0.42					
Benzo(G,H,I)Perylene	UG/KG	-	<420					
Benzo(K)Fluoranthene	MG/KG	21	<0.42					
Benzo[A]Pyrene	MG/KG	0.21	<0.42					
Benzoic Acid	MG/KG	100000						
Beryllium	MG/KG	400	<0.63					

Notes:
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PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	CHAN07-03	SWMU12-01	SWMU12-02	SWMU12-03	SWMU12-03	SWMU12-04
		Sample Date	04/17/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000
		Sample Depth	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014						
Biphenyl	MG/KG	42	<0.42	<0.76	<0.83	<0.4	<0.41	<0.41
Bis(2-Chloro-1-Methylethyl) Ether	MG/KG	22	<0.42					
Bis(2-Chloroethoxy)Methane	MG/KG	360	<0.42					
Bis(2-Chloroethyl)Ether	MG/KG	1	<0.42					
Bis(2-Ethylhexyl)Phthalate	MG/KG	120	<0.42					
Bromodichloromethane	MG/KG	1.4	<0.31					
Bromoform	MG/KG	220	<0.31					
Butyl Benzyl Phthalate	MG/KG	910	<0.42					
Cadmium	MG/KG	160	<2.5					
Carbazole	UG/KG	-	<420					
Carbon Disulfide	MG/KG	740	<0.31	<1.3	<1.1	<0.3	<0.31	<0.31
Carbon Tetrachloride	MG/KG	3	<0.31					
Chlorobenzene	MG/KG	280	<0.31					
Chlorodibromomethane	MG/KG	3.3	<0.31					
Chloroform	MG/KG	1.5	<0.31					
Chromium	MG/KG	-	15.1					
Chrysene	MG/KG	210	<0.42					
cis-1,2 Dichloroethene	MG/KG	400	<0.16					
cis-1,3-Dichloropropene	UG/KG	8.3	<310					
Copper	MG/KG	8200	<5.0					
Di-N-Butyl Phthalate	MG/KG	12000	<0.42					
Dibenz(A,H)Anthracene	MG/KG	0.21	<0.42					
Dibenzofuran	MG/KG	170	<0.42					
Diethyl Phthalate	MG/KG	98000	<0.83					
Diethylene Glycol	UG/KG	-	<32000					
Dimethyl Phthalate	UG/KG	-	<420					
Dimethyl Terephthalate	MG/KG	5.5	<0.42					
Dowtherm A	UG/KG	-						
Ethyl Chloride	MG/KG	2100	<0.63					
Ethyl Methacrylate	MG/KG	1100						
Ethylbenzene	MG/KG	27	<0.31					
Ethylene Glycol	MG/KG	100000	<32					
Fluoranthene	MG/KG	4400	<0.42					
Fluorene	MG/KG	4400	<0.42					
Hexachlorobenzene	MG/KG	1.1	<0.42					
Hexachlorobutadiene	MG/KG	22	<0.42					
Hexachlorocyclopentadiene	MG/KG	740	<2					
Hexachloroethane	MG/KG	43	<0.42					
Indeno (1,2,3-CD) Pyrene	MG/KG	2.1	<0.42					
Iodomethane	UG/KG	-						
Isophorone	MG/KG	1800	<0.42					
Lead	MG/KG	800	<2.5					
Manganese	MG/KG	4600	4.2					
Mercury	MG/KG	3.1	<0.13					
Methyl Bromide	MG/KG	6.4	<0.63					
Methyl Chloride	MG/KG	100	<0.31					
Methyl Ethyl Ketone	MG/KG	28000	<1.3					
Methyl Isobutyl Ketone	MG/KG	3400	<1.3	<5.1	<4.4	<1.2	<1.2	<1.2
Methylene Bromide	MG/KG	22		<1.3	<1.1	<0.3	<0.31	<0.31
Methylene Chloride	MG/KG	620	<0.31	<1.3	<1.1	<0.3	<0.31	<0.31
N-Dioctyl Phthalate	MG/KG	-	<0.42					
N-Nitrosodi-N-Propylamine	MG/KG	0.25	<0.42					
N-Nitrosodiphenylamine	MG/KG	350	<0.42					
Naphthalene	MG/KG	18	<0.42					
Nickel	MG/KG	4000	<6.3					
Nitrobenzene	MG/KG	24	<0.42					

Notes:
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PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 8
Sediment Results Compared to Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

		Location	CHAN07-03	SWMU12-01	SWMU12-02	SWMU12-03	SWMU12-03	SWMU12-04
		Sample Date	04/17/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000	04/18/2000
		Sample Depth	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet	0-0.5 Feet
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Field Duplicate	Regular Sample
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
Parameter Name	Units	NC Indust PSRG Jan 2014						
Pentachlorophenol	MG/KG	2.7	<2	<3.7	<4	<1.9	<2	<2
Phenanthrene	UG/KG	-	<420					
Phenol	MG/KG	36000	<0.42	<0.76	<0.83	<0.4	<0.41	<0.41
Pyrene	MG/KG	3400	<0.42					
Selenium	MG/KG	1000	<0.63					
Silver	MG/KG	1000	<2.5					
Styrene	MG/KG	870	<0.31					
Tetrachloroethene	MG/KG	82	<0.31					
Tetrahydrofuran	MG/KG	19000						
Thallium	MG/KG	2	<12.6					
Toluene	MG/KG	820	<0.31					
trans-1,2-Dichloroethene	MG/KG	140	<0.16					
trans-1,3-Dichloropropene	UG/KG	8.3	<310					
trans-1,4-Dichlorobutene-2	MG/KG	0.035						
Trichloroethene	MG/KG	4	<0.31					
Trichlorofluoromethane	MG/KG	680						
Triethylene Glycol	UG/KG	-	<32000					
Vanadium	MG/KG	1000	3.8					
Vinyl Acetate	MG/KG	820						
Vinyl Chloride	MG/KG	1.7	<0.63					
Xylenes	MG/KG	260	<0.31					
Zinc	MG/KG	62000	<12.6					

Notes:
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J = Estimated Value
U= Not Detected
R = Rejected
PSRG = Preliminary Soil Remediation Goal
Highlighted Values in Brackets Exceed Screening Criteria

Table 9
Description of Units
EI 725
DuPont Kinston Plant
Kinston, North Carolina

SWMU/AOC	Name	Description	Operational Dates	Waste Volumes	Permit Status
SWMU 1	Glycol Pits	SWMU 1 is located in the South Disposal Area, south of the main Manufacturing Area, and consists of five liquid waste disposal pits measuring approximately 25 feet wide by 60 to 70 feet long and approximately 10 feet deep. The pits were closed by solidifying the liquids with ash and soil and then covering the solidified waste with soil. The ash used to solidify the waste came from the combustion of coal, oil, and gas in boilers and other fuel burning equipment, and (between 1970 and 1977) from an on-site solid waste incinerator (SWMU 32). Wastes reportedly consisted of waste glycol (including various impurities), ethylene terephthalate monomer with degraded polymer lumps, miscellaneous laboratory reagents, and dyes, DRL-100 (flame retardant), weak acid solutions, and potentially chlorinated hydrocarbons and solvents. According to historical information, newer pits were sometimes excavated in areas where previous pits had been located.	1956 - 1977	Approx. 50,000 gallons of liquid waste was placed in the pits between 1968 and 1977. Volume of waste disposed prior to 1968 is not known.	Requires CMS
SWMU 2	Finish Oil Pits (South)	This SWMU is located in the South Disposal Area and consists of 12 waste pits in two locations. Seven pits measuring approximately 130 feet long by 20 feet wide and 8 feet deep were used between 1971 and 1974 to dispose of approximately 3.4 million gallons of liquid wastes. Five additional pits measuring 230 feet long by 40 feet wide were used between 1975 and 1977 to dispose of another 4.4 million gallons of the same waste. Wastes disposed of in the pits included finish oils, caustic and acid solutions, glycol with various contaminants, ethylene terephthalate monomer with degraded polymer lumps, lubricating oils, solvents and chlorinated hydrocarbons. The waste in the pits was stabilized with ash and covered with a minor amount of clay. Subsequently, the inactive Ash landfill (SWMU 10) was constructed on top of much of SWMU 2, reportedly overlying all or part of the closed five pit area and much of the seven pit area (with the possible exception of the western portion of SWMU 2).	1971 - 1977	7.8 million gallons of liquid waste	Requires CMS
SWMU 3	Finish Oil Pits (North)	This SWMU is located in the South Disposal Area and consists of six pits on a hillside that vary in size and shape. During a six month period in 1981, an irrigation pump was used to transfer liquid from the area to the inactive ash landfill (SWMU 10) where it was stabilized with ash and landfilled. The pits were closed by covering them with several feet of clayey soil that were then seeded. Wastes disposed of in this unit were similar to those placed in SWMU 2 with the addition of dimethyl glutamate.	1976 - 1979	Approx. 3.9 million gallons of liquid waste	Requires CMS
SWMU 4	Monomer Pit	This SWMU consists of a single waste pit measuring approximately 350 feet long and 15 feet deep, located northwest of SWMU 5 and southeast of SWMU 10 in the South Disposal Area. The width varies from 80 feet at the ends to 50 feet in the middle. Molten waste monomer was poured into the pit where it cooled and hardened. The pit was was closed by covering it with ash from the adjacent ash landfill (SWMU 5) and then two feet of clayey soil. An unknown volume of acids, caustic solutions, and triethylene glycol (TEG) from line flushings may have been placed in the pit.	1968 - 1973	Approx. 300,000 gallons of monomer containing misc. solids	Requires CMS
SWMU 5	Former Ash Landfill	This SWMU consists of a four-acre, above grade landfill that ranged in thickness from a few feet in the north to approximately 35 feet at the southern end (Figure 1-4). A surface water collection swale and retention pond (SWMU 25) was constructed in 1972 south of the landfill to collect runoff. Water was pumped to the wastewater treatment plant. Around 1981, a French drain (SWMU 26) was constructed at the base of the landfill to collect runoff and groundwater that are pumped back to the facility wastewater plant to this day. Wastes included 73,000 tons of fly- and bottom-ash from coal-, oil-, and gas-fired boilers, 1,185 tons of metal drums, 522 tons of fiber drums, 5,700 tons of polyester chunks, 785 tons of building materials, 69 tons of glass, 200 pounds of transformer oils, and 365 tons of insulation containing asbestos. Liquid wastes were similar to the glycol and finish oil pits.	1952 - 1972	Approx. 82,000 tons of solid waste and 1.5 million gallons of liquid waste	Requires CMS

Table 9
Description of Units
EI 725
DuPont Kinston Plant
Kinston, North Carolina

SWMU/AOC	Name	Description	Operational Dates	Waste Volumes	Permit Status
SWMU 7	Residue Landfill and Burning Pits	This unit consists of four trenches (measuring 375 feet long by 15 feet wide by 4-5 feet deep) and an adjacent 1.5 acre, 10-foot high landfill. Open burning of waste material was conducted in the trenches; bulldozers were then used to push the ash and non-combustible material into the adjacent landfill. The landfill was closed and covered with clayey soil after a solid waste incinerator was constructed in 1972. Materials burned included off-spec Dacron®, paper, cardboard, wood, pack screens, and miscellaneous materials (tree stumps and metal cans).	1953 - 1972	Approx. 820 tons of ash and combustible material	Requires CMS
SWMU 9	Sludge Disposal Field	This unit is located south of the Manufacturing Area and consists of an area where sludge from the sand drying beds (SWMU 22) at the wastewater treatment plant was applied to the land. Activated sludge was spread and plowed into the soil. A 1976 laboratory analysis of the sludge indicated that the sludge contained aluminum, antimony, chromium, iron, lead, magnesium, manganese, mercury, and zinc. An analysis of wastewater at the plant in 1990 found carbon disulfide, 4-methylpenol, TCE, 1,4-dioxane, PCE, Dowtherm®, and toluene within the treatment train. Sludge samples were also analyzed for TCLP lead and chromium, with chromium results just above the detection limit and no detectable lead in the leachate (DERS 1997). There are no historical indications of any releases from SWMU 9.	1977 - 1981	Approx. 715 tons of activated sludge (2 to 15% solids)	Requires CS
SWMU 10	Ash and Sludge Landfill	This unit is an inactive (previously permitted), above-grade unlined solid waste landfill covering approximately 7 acres (Figure 1-4). The landfill ranges in thickness from a few feet in the eastern corner to 40 feet in the western and central portions of the landfill. The unit is located mostly on top of SWMU 2 (Finish Oil Pits South). Wastes disposed in the landfill include asbestos, fly ash, and bottom ash from the powerhouse and former solid waste incinerator, and dried sludge from the sand beds. The landfill was closed in 2005.	1973 - 1997	Approx. 50,000 tons of ash from coal, fuel oil, and gas, 1-2 million gallons of wet sludge, an unknown vol. of ash from the incinerator, and an unknown vol. of asbestos	Requires CMS
SWMU 12	Former Process WW Discharge Channel	This unit is an unlined drainage channel that was used to convey process wastewater from the main plant to the Neuse River before the wastewater treatment plant (WWTP) was constructed in 1962. The channel conveyed wastewater and storm water to the river. The channel received untreated process cooling water, process line blowdown, waste finish oils, halogenated solvents and other laboratory reagents, treated sanitary wastewater, and storm water. The upper (northern) portion was backfilled after an underground sewer was constructed to convey wastewater to the WWTP. The lower portion currently collects and discharges storm water to the river, but does not convey wastewater. The channel is currently dammed at the WWTP and water collecting behind the damn is pumped to the WWTP. An inflatable plug is currently installed at a culvert near the wastewater plant.	1593 - 1962	NA	Requires CMS
SWMU 13	Process Sewer System	SWMU 13 is an arrangement of underground sewer pipes and manholes that convey process wastewater from the main plant area to the plant's WWTP. The sewers are constructed mostly of vitrified clay pipe; however, some sections are constructed of reinforced concrete pipe.	1953 - Present	NA	Requires CS

Table 9
Description of Units
EI 725
DuPont Kinston Plant
Kinston, North Carolina

SWMU/AOC	Name	Description	Operational Dates	Waste Volumes	Permit Status
SWMU 14	Unlined Process Sewer Channel	This unit is an approximately 600-foot long open process sewer that runs through the center of the chemical storage area. The majority of the sewer is a 2-foot-wide by 1- to 2-foot–deep, cement-sided channel with an earthen bottom. It receives or has received storm water, condensate discharge, washout from the Dowtherm® vaporizers (SWMU 89), spent triethylene glycol (TEG) (containing 1,4-dioxane), effluent with acetaldehyde, 1,4-dioxane, ethylene glycol, glycol monoacetate, and glycol diacetate.	1953 - Present	NA	Requires RFI
SWMU 16	South Emergency Holding Basin	This unit consists of a 2-million gallon, unlined temporary holding pond on the west side of the WWTP. The pond has been in operation since 1973 and is used to temporarily store wastewater that has the potential to upset the treatment process (e.g. high biochemical oxygen demand [BOD], excess volume). Stored wastewater is then combined with lower strength waste and slowly introduced into the treatment system.	1973 - Present	NA	Requires CMS
SWMU 17	North Emergency Holding Basin	This unit consists of a 2-million gallon, unlined temporary holding pond on the west side of the WWTP. The pond has been in operation since 1976 and is used to temporarily store wastewater that has the potential to upset the treatment process (e.g. high BOD, excess volume). Stored wastewater is then combined with lower strength waste and slowly introduced into the treatment system.	1976 - Present	NA	Requires CMS
SWMU 18	Aeration Basin	This unit consists of a 3.6 million gallon aeration basin (reaction vessel for wastes that are being biologically treated) and is located southeast of SWMU 16. The basin has been in use since 1962 and has an earthen bottom and concrete sides. The basin discharges to SWMUs 19 and 20 (secondary clarifiers). It is likely that some or all of the waste streams at the plant have been introduced to the basin in the past. The unit currently receives 86,000 gallons per day (gpd) domestic and 2 million gallons per day process wastewaters.	1962 - Present	NA	Requires CMS
SWMU 22	Sand Drying Beds & Effluent Tank	This unit consists of two sets of concrete lined sand beds used to dry sludge after it is settled out of the WWTP clarifiers. Liquids removed from the sludge are returned to the WWTP. The sludge is currently hauled off-site. The southern set of beds began operation in 1976 and the northern beds in 1987. Both are in still operation.	1976 - Present	NA	Requires CMS
SWMU 26	Subsurface Collection System No. 2	This unit consists of a subsurface French drain on the east side of the closed ash landfill (SWMU 5) installed to collect surface water and shallow groundwater moving under SWMU 5. The drain empties into two concrete sumps from which the water is pumped to the WWTP and is discharged to the river following treatment. The trench collects approximately 3,500 gpd of water.	1981 - Present	NA	Requires CMS
SWMU 32	Incinerator	This unit is a former dual cyclone incinerator with opposing blowers of 2,000 pounds per hour capacity located northeast of SWMU 5. The incinerator was permitted by the state. From 1970 to 1973, the incinerator used natural gas as a supplemental fuel.	1970 - 1986	NA	Requires CMS

Table 9
Description of Units
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DuPont Kinston Plant
Kinston, North Carolina

SWMU/AOC	Name	Description	Operational Dates	Waste Volumes	Permit Status
SWMU 33(b)	Former Nonhaz Waste Storage Area	This unit consists of a former non-hazardous waste drum storage area adjacent to the closed former hazardous waste storage area (SWMU 33a). The permitted hazardous waste storage pad (SWMU 33) was located in the northern portion of the Manufacturing Area. In addition to the hazardous waste storage pad, the unit also consisted of the uncovered non-hazardous waste storage pad (SWMU 33(b)), storage building, unused concrete pad, sump, and gravel areas enclosed within a chain-link fence. Prior to closing the pads, 12 soil and 2 groundwater samples were collected from immediately around the pad. Based on the detection of PAHs and metals in soil, additional soil and groundwater samples were collected in 2007 prior to final removal of the pad. It was determined that the hazardous waste pad was not the source of these impacts; therefore, the closure proceeded with the formation of this unit, SWMU 33(b), to address these constituents.	Unknown	NA	Requires CMS
SWMU 51	Waste Finish Decant Holding Tanks	This unit consists of two 5,000-gallon horizontal, stainless steel, aboveground storage tanks (ASTs) that contain waste finish oil decant from the industrial spinning and yarn operations. No secondary containment or overfill protection is provided for the tanks, and runoff from the area discharges to SWMU 14. There is evidence of a past release (oil stained rocks and interviews with employees regarding past overfills).	1985 - Present	NA	Requires RFI
SWMU 56	Waste Drum Storage and Product Dispening Area; Sandblasting Shop	This unit consists of the Sandblasting Shop to the north and the Paint Shop to the south in the northern part of the Manufacturing Area. The area also includes an outside pad that previously contained a 250-gallon kerosene AST. The area was used for sandblasting and to store and dispense paint, solvents, paint wastes, kerosene, and motor oil. Staining was observed on concrete inside the buildings during the RCRA Facility Assessment (RFA) (DERS 1993).	1977 - 1994 (Dismantled in 2008)	NA	Requires RFI
SWMU 59	Waste Dowtherm® Drum Storage Area, Vaporizers	This unit is a former waste Dowtherm® drum storage area located near the active Dowtherm® vaporizers. Fifty five-gallon drums of waste Dowtherm® were stored on an un-bermed, outdoor, gravel area. It is not known when the area was first used for this purpose. The 1993 RFA found mo visual evidence of a release at the unit. Drums were present in 1991, but were no longer present in the follow up visit in 1992. Plant personnel had no record of past releases. The RFA did not make any recommendation for an investigation at this unit.	Unknown - 1992	NA	Requires RFI
SWMU 60	Waste Dowtherm® Drum Storage Area, Reclamation Unit	This unit is a former waste Dowtherm® drum storage area located south of the Reclamation Unit. Fifty five-gallon drums of waste Dowtherm® were stored directly on a concrete pad with no secondary containment. The 1993 RFA found no visual evidence of a release at the unit. Plant personnel had no record of past releases. The RFA did not make any recommendation for an investigation at this unit.	Unknown	NA	Requires RFI
SWMU 61	Waste Dowtherm® Drum Storage Area, Powerhouse	This unit is the former main waste Dowtherm® storage area south of the power plant, and consists of two outdoor areas. Fifty five-gallon drums were stored on pallets in an earthen/grassy area. The unit operated from1989 to 2002. During a 1993 inspection, 300 drums were present in the area. The 1993 RFA found no visual evidence of a release at the unit. Plant personnel had no record of past releases. The RFA did not make any recommendation for an investigation at this unit.	1989 - 2002	NA	Requires RFI
SWMU 64	Waste Oil Drum Storage, Vehicle Maintenance	This unit is an outdoor concrete pad where materials were stored in 55-gallon drums on a concrete pad with no secondary contaminant. The area is located on the east side of the Vehicle Maintenance Garage and adjacent to the former hazardous waste pad. Fifty-five gallon drums of waste motor oil, anti-freeze, used paint thinner, and solvents were stored on the concrete pad. The 1993 RFA found no visual evidence of a release at the unit. Plant personnel had no record of past releases. The RFA did not make any recommendation for an investigation at this unit.	1961 - Unknown	NA	Requires RFI

Table 9
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EI 725
DuPont Kinston Plant
Kinston, North Carolina

SWMU/AOC	Name	Description	Operational Dates	Waste Volumes	Permit Status
SWMU 82	Former Fire Training Area	The Former Fire Training Area (FTA) is located in an open lot on the south side of the plant. Reportedly, the plant used a vat or tank to ignite and then extinguish flammable liquids. The 1993 RFA found no visual evidence of a release at the unit. There is no record of any past releases, and no recommendations for additional investigation at this unit were made during the RFA.	1961 - 1981	NA	Requires CS
SWMU 90	Drum Discovery Area	The drum discovery area is an open, grassy field in the southwest portion (southwest of SWMU 9) of the Site that previously was used as a construction parking lot. The parking lot was removed approximately 20 years ago. During a 2004 excavation for soil to cap the nearby ash landfill, one 55-gallon drum was discovered at a depth of approximately 4 feet below grade. Testing of the contents revealed the presence of TCE. Upon discovery of the buried drum, soil excavation was discontinued in this area of the site. The discovery was reported to NCDENR and later the area was designated as a new unit (SWMU 90) for follow-up under the RFI program.	Unknown	Unknown	Requires RFI
AOC A	Ball Field	This unit is an open field located approximately 200 feet southwest of the ball field and west of SWMU 9. The unit was discovered by ERM during a due diligence assessment associated with a proposed divestiture of a portion of the property. Metals were detected above screening criteria in groundwater (sample point RW-7).	Unknown	NA	Requires RFI
AOC 86	TCE Release Area	A system of groundwater monitoring wells was installed between 1979 and 1990 as part of a site-wide groundwater assessment. Wells installed in the area of this AOC were intended, in part, to delineate the plume of TCE in shallow groundwater. The release was discovered in 1989, with the highest concentrations north of the DMT truck unloading facility at MW-30A. The source of the TCE is not known. A groundwater pump-and-treat system operated in the area for over 10 years. It was subsequently replaced by two permeable reactive barriers (PRBs) in 2002, and the area is currently operated under a separate long term monitoring plan.	1979 - Present	NA	Engineered Remediation System
AOC 103(c)	Unloading Area for Nonhazardous Products	This is a tanker truck unloading area for nonhazardous products such as virgin Dowtherm® and finish oils. It consists of a concrete pad surrounded by a dike where tanker trucks are parked during deliveries. Even though the unit did not manage solid waste, it is considered an AOC because routine small-volume releases are possible when transfer hoses are decoupled. The 1993 RFA found no visual evidence of any releases at this unit, and no recommendations were made during the RFA for any further investigation.	Unknown - Present	NA	Requires RFI
AOC 107-03	Condensate Discharge Areas	AOC 107 consists of 50 locations throughout the plant where condensate water from non-contact water sources is discharged to subsurface storm drains, storm sewers, and process sewers. During the 1993 RFA, a milky white appearance was observed at some of the condensate discharge locations. Nevertheless, no recommendations were made during the RFA for additional investigation at these units. The 1997 CS included an investigation at this unit due to the milky white condensate noted during the RFA. During the CS, soil samples were collected at five condensate discharge locations at 2 and 6 feet below ground surface. PAHs were detected in soil at AOC-107 03 from 2 feet below ground surface. In addition, two metals (chromium and lead) were detected in soil above background concentrations.	Unknown - Present	NA	Requires RFI

APPENDIX A
SURFACE SOIL
ANALYTICAL RESULTS

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
1	9/9/1999	1,1-Dichloroethene	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
1	9/9/1999	cis-1,2 Dichloroethene	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
1	9/9/1999	trans-1,2-Dichloroethene	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
1	9/9/1999	Trichloroethene	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
1	9/9/1999	Vinyl Chloride	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
2	9/9/1999	1,1-Dichloroethene	8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
2	9/9/1999	cis-1,2 Dichloroethene	8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
2	9/9/1999	trans-1,2-Dichloroethene	8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
2	9/9/1999	Trichloroethene	8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
2	9/9/1999	Vinyl Chloride	8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
3	9/9/1999	1,1-Dichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
3	9/9/1999	cis-1,2 Dichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
3	9/9/1999	trans-1,2-Dichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
3	9/9/1999	Trichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
3	9/9/1999	Vinyl Chloride	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
4	9/9/1999	1,1-Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
4	9/9/1999	cis-1,2 Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
4	9/9/1999	trans-1,2-Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
4	9/9/1999	Trichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
4	9/9/1999	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
5	9/9/1999	1,1-Dichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
5	9/9/1999	cis-1,2 Dichloroethene	64	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
5	9/9/1999	trans-1,2-Dichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
5	9/9/1999	Trichloroethene	15	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
5	9/9/1999	Vinyl Chloride	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
6	9/9/1999	1,1-Dichloroethene	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
6	9/9/1999	cis-1,2 Dichloroethene	120	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
6	9/9/1999	trans-1,2-Dichloroethene	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
6	9/9/1999	Trichloroethene	72	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
6	9/9/1999	Vinyl Chloride	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
7	9/9/1999	1,1-Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
7	9/9/1999	cis-1,2 Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
7	9/9/1999	trans-1,2-Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
7	9/9/1999	Trichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
7	9/9/1999	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
8	9/9/1999	1,1-Dichloroethene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
8	9/9/1999	cis-1,2 Dichloroethene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
8	9/9/1999	trans-1,2-Dichloroethene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
8	9/9/1999	Trichloroethene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
8	9/9/1999	Vinyl Chloride	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
9	9/9/1999	1,1-Dichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
9	9/9/1999	cis-1,2 Dichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
9	9/9/1999	trans-1,2-Dichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
9	9/9/1999	Trichloroethene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
9	9/9/1999	Vinyl Chloride	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
10	9/9/1999	1,1-Dichloroethene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
10	9/9/1999	cis-1,2 Dichloroethene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
10	9/9/1999	trans-1,2-Dichloroethene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
10	9/9/1999	Trichloroethene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
10	9/9/1999	Vinyl Chloride	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
11	9/9/1999	1,1-Dichloroethene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
11	9/9/1999	cis-1,2 Dichloroethene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
11	9/9/1999	trans-1,2-Dichloroethene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
11	9/9/1999	Trichloroethene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
11	9/9/1999	Vinyl Chloride	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
12	9/9/1999	1,1-Dichloroethene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
12	9/9/1999	cis-1,2 Dichloroethene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
12	9/9/1999	trans-1,2-Dichloroethene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
12	9/9/1999	Trichloroethene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
12	9/9/1999	Vinyl Chloride	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
13	9/9/1999	1,1-Dichloroethene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
13	9/9/1999	cis-1,2 Dichloroethene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
13	9/9/1999	trans-1,2-Dichloroethene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
13	9/9/1999	Trichloroethene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
13	9/9/1999	Vinyl Chloride	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
14	9/9/1999	1,1-Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14	9/9/1999	cis-1,2 Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14	9/9/1999	trans-1,2-Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
14	9/9/1999	Trichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
14	9/9/1999	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
15	9/9/1999	1,1-Dichloroethene	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
15	9/9/1999	cis-1,2 Dichloroethene	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
15	9/9/1999	trans-1,2-Dichloroethene	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
15	9/9/1999	Trichloroethene	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
15	9/9/1999	Vinyl Chloride	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
16	9/9/1999	1,1-Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
16	9/9/1999	cis-1,2 Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
16	9/9/1999	trans-1,2-Dichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
16	9/9/1999	Trichloroethene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
16	9/9/1999	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
09-01-2	1/21/1997	1,1,1-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-01-2	1/21/1997	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-01-2	1/21/1997	1,1,2-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-2	1/21/1997	1,1-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-01-2	1/21/1997	1,1-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-01-2	1/21/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-01-2	1/21/1997	1,2-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-01-2	1/21/1997	1,2-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-2	1/21/1997	1,2-Dichloropropane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-01-2	1/21/1997	1,3-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-2	1/21/1997	1,4-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-01-2	1/21/1997	2,4,5-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-2	1/21/1997	2,4,6-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-2	1/21/1997	2,4-Dichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-2	1/21/1997	2,4-Dimethylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-01-2	1/21/1997	2,4-Dinitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-01-2	1/21/1997	2,4-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-01-2	1/21/1997	2,6-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-2	1/21/1997	2-Chloronaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-01-2	1/21/1997	2-Chlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-01-2	1/21/1997	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-2	1/21/1997	2-Methylnaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-01-2	1/21/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-2	1/21/1997	2-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-2	1/21/1997	2-Nitrophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-01-2	1/21/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-01-2	1/21/1997	3-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-2	1/21/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-01-2	1/21/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-2	1/21/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-2	1/21/1997	4-Chloroaniline	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-2	1/21/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-2	1/21/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-2	1/21/1997	4-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-01-2	1/21/1997	4-Nitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-2	1/21/1997	Acenaphthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-01-2	1/21/1997	Acenaphthylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-01-2	1/21/1997	Acetaldehyde	5700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-01-2	1/21/1997	Acetone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-2	1/21/1997	Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-2	1/21/1997	Antimony	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-01-2	1/21/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-01-2	1/21/1997	Barium	22.7	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-01-2	1/21/1997	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400

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Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-2	1/21/1997	Benzo(A)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-2	1/21/1997	Benzo(B)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-2	1/21/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-01-2	1/21/1997	Benzo(K)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-01-2	1/21/1997	Benzo[A]Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-2	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-2	1/21/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-2	1/21/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-01-2	1/21/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-2	1/21/1997	Bromodichloromethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-2	1/21/1997	Bromoform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-01-2	1/21/1997	Butyl Benzyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
09-01-2	1/21/1997	Cadmium	0.45	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-01-2	1/21/1997	Carbazole	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-01-2	1/21/1997	Carbon Disulfide	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-2	1/21/1997	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-01-2	1/21/1997	Chlorobenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-2	1/21/1997	Chlorodibromomethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-01-2	1/21/1997	Chloroform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-01-2	1/21/1997	Chromium	5.9	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
09-01-2	1/21/1997	Chrysene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-01-2	1/21/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-01-2	1/21/1997	cis-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-2	1/21/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-2	1/21/1997	Dibenzofuran	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-01-2	1/21/1997	Diethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-01-2	1/21/1997	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-2	1/21/1997	Dimethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-01-2	1/21/1997	Di-N-Butyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-2	1/21/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-01-2	1/21/1997	Ethylbenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-01-2	1/21/1997	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-2	1/21/1997	Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-2	1/21/1997	Fluorene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-2	1/21/1997	Hexachlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-01-2	1/21/1997	Hexachlorobutadiene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-2	1/21/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-2	1/21/1997	Hexachloroethane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-01-2	1/21/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-2	1/21/1997	Isophorone	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-01-2	1/21/1997	Lead	5.9	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-01-2	1/21/1997	Manganese	8.8	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-01-2	1/21/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-01-2	1/21/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-01-2	1/21/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-01-2	1/21/1997	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-01-2	1/21/1997	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-2	1/21/1997	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-2	1/21/1997	Naphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-01-2	1/21/1997	N-Dioctyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-2	1/21/1997	Nitrobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-2	1/21/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-01-2	1/21/1997	N-Nitrosodiphenylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-01-2	1/21/1997	Pentachlorophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-01-2	1/21/1997	Phenanthrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-01-2	1/21/1997	Phenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-01-2	1/21/1997	Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-01-2	1/21/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-2	1/21/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-2	1/21/1997	Styrene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-01-2	1/21/1997	Tetrachloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-01-2	1/21/1997	Toluene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-2	1/21/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-01-2	1/21/1997	trans-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-2	1/21/1997	Trichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-01-2	1/21/1997	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-2	1/21/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-01-2	1/21/1997	Xylenes	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
09-02-2	1/21/1997	1,1,1-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-02-2	1/21/1997	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-02-2	1/21/1997	1,1,2-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-02-2	1/21/1997	1,1-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-02-2	1/21/1997	1,1-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-02-2	1/21/1997	1,2,4-Trichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-02-2	1/21/1997	1,2-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-02-2	1/21/1997	1,2-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-02-2	1/21/1997	1,2-Dichloropropane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-02-2	1/21/1997	1,3-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-02-2	1/21/1997	1,4-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-02-2	1/21/1997	2,4,5-Trichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-2	1/21/1997	2,4,6-Trichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-02-2	1/21/1997	2,4-Dichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-02-2	1/21/1997	2,4-Dimethylphenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-02-2	1/21/1997	2,4-Dinitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-02-2	1/21/1997	2,4-Dinitrotoluene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-02-2	1/21/1997	2,6-Dinitrotoluene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-02-2	1/21/1997	2-Chloronaphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-02-2	1/21/1997	2-Chlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-02-2	1/21/1997	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-02-2	1/21/1997	2-Methylnaphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-02-2	1/21/1997	2-Methylphenol (O-Cresol)	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-2	1/21/1997	2-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-02-2	1/21/1997	2-Nitrophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-02-2	1/21/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-02-2	1/21/1997	3-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-02-2	1/21/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-02-2	1/21/1997	4-Bromophenyl Phenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-02-2	1/21/1997	4-Chloro-3-Methylphenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-2	1/21/1997	4-Chloroaniline	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-02-2	1/21/1997	4-Chlorophenyl Phenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-02-2	1/21/1997	4-Methylphenol (P-Cresol)	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-2	1/21/1997	4-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-02-2	1/21/1997	4-Nitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-02-2	1/21/1997	Acenaphthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-02-2	1/21/1997	Acenaphthylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-02-2	1/21/1997	Acetaldehyde	5700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-02-2	1/21/1997	Acetone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-02-2	1/21/1997	Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-02-2	1/21/1997	Antimony	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-02-2	1/21/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-02-2	1/21/1997	Barium	22.7	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-02-2	1/21/1997	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-02-2	1/21/1997	Benzo(A)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-2	1/21/1997	Benzo(B)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-2	1/21/1997	Benzo(G,H,I)Perylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-02-2	1/21/1997	Benzo(K)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-02-2	1/21/1997	Benzo[A]Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-02-2	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-02-2	1/21/1997	Bis(2-Chloroethoxy)Methane	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-02-2	1/21/1997	Bis(2-Chloroethyl)Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-02-2	1/21/1997	Bis(2-Ethylhexyl)Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-02-2	1/21/1997	Bromodichloromethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-02-2	1/21/1997	Bromoform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-02-2	1/21/1997	Butyl Benzyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-02-2	1/21/1997	Cadmium	0.45	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-02-2	1/21/1997	Carbazole	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-02-2	1/21/1997	Carbon Disulfide	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-02-2	1/21/1997	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-02-2	1/21/1997	Chlorobenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-02-2	1/21/1997	Chlorodibromomethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-02-2	1/21/1997	Chloroform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-02-2	1/21/1997	Chromium	8.3	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
09-02-2	1/21/1997	Chrysene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-02-2	1/21/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-02-2	1/21/1997	cis-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-02-2	1/21/1997	Dibenz(A,H)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-02-2	1/21/1997	Dibenzofuran	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-02-2	1/21/1997	Diethyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-02-2	1/21/1997	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-02-2	1/21/1997	Dimethyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-02-2	1/21/1997	Di-N-Butyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-2	1/21/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-02-2	1/21/1997	Ethylbenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-02-2	1/21/1997	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-02-2	1/21/1997	Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-02-2	1/21/1997	Fluorene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-02-2	1/21/1997	Hexachlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-02-2	1/21/1997	Hexachlorobutadiene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-02-2	1/21/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-02-2	1/21/1997	Hexachloroethane	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-02-2	1/21/1997	Indeno (1,2,3-CD) Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-2	1/21/1997	Isophorone	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-02-2	1/21/1997	Lead	5.1	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-02-2	1/21/1997	Manganese	17.8	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-02-2	1/21/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-02-2	1/21/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-02-2	1/21/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-02-2	1/21/1997	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-02-2	1/21/1997	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-02-2	1/21/1997	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-02-2	1/21/1997	Naphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-02-2	1/21/1997	N-Dioctyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-02-2	1/21/1997	Nitrobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-02-2	1/21/1997	N-Nitrosodi-N-Propylamine	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-02-2	1/21/1997	N-Nitrosodiphenylamine	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-02-2	1/21/1997	Pentachlorophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-02-2	1/21/1997	Phenanthrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-02-2	1/21/1997	Phenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-02-2	1/21/1997	Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-02-2	1/21/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-02-2	1/21/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-02-2	1/21/1997	Styrene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-02-2	1/21/1997	Tetrachloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-02-2	1/21/1997	Toluene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-02-2	1/21/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-02-2	1/21/1997	trans-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-02-2	1/21/1997	Trichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-02-2	1/21/1997	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-02-2	1/21/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-02-2	1/21/1997	Xylenes	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
09-03-2	1/22/1997	1,1,1-Trichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-03-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-03-2	1/22/1997	1,1,2-Trichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-03-2	1/22/1997	1,1-Dichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-03-2	1/22/1997	1,1-Dichloroethene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-03-2	1/22/1997	1,2,4-Trichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-03-2	1/22/1997	1,2-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-03-2	1/22/1997	1,2-Dichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-03-2	1/22/1997	1,2-Dichloropropane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-03-2	1/22/1997	1,3-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-03-2	1/22/1997	1,4-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-03-2	1/22/1997	2,4,5-Trichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-2	1/22/1997	2,4,6-Trichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-03-2	1/22/1997	2,4-Dichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-03-2	1/22/1997	2,4-Dimethylphenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-03-2	1/22/1997	2,4-Dinitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-03-2	1/22/1997	2,4-Dinitrotoluene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-03-2	1/22/1997	2,6-Dinitrotoluene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-03-2	1/22/1997	2-Chloronaphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-03-2	1/22/1997	2-Chlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-03-2	1/22/1997	2-Hexanone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-03-2	1/22/1997	2-Methylnaphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-03-2	1/22/1997	2-Methylphenol (O-Cresol)	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-2	1/22/1997	2-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-03-2	1/22/1997	2-Nitrophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-03-2	1/22/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-03-2	1/22/1997	3-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-03-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-03-2	1/22/1997	4-Bromophenyl Phenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-03-2	1/22/1997	4-Chloro-3-Methylphenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-2	1/22/1997	4-Chloroaniline	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-03-2	1/22/1997	4-Chlorophenyl Phenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-03-2	1/22/1997	4-Methylphenol (P-Cresol)	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-2	1/22/1997	4-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-03-2	1/22/1997	4-Nitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-03-2	1/22/1997	Acenaphthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-03-2	1/22/1997	Acenaphthylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-03-2	1/22/1997	Acetaldehyde	5500	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-03-2	1/22/1997	Acetone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-03-2	1/22/1997	Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-03-2	1/22/1997	Antimony	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-03-2	1/22/1997	Arsenic	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-03-2	1/22/1997	Barium	22.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-03-2	1/22/1997	Benzene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-03-2	1/22/1997	Benzo(A)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-2	1/22/1997	Benzo(B)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-2	1/22/1997	Benzo(G,H,I)Perylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-03-2	1/22/1997	Benzo(K)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-03-2	1/22/1997	Benzo[A]Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-03-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-03-2	1/22/1997	Bis(2-Chloroethoxy)Methane	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-03-2	1/22/1997	Bis(2-Chloroethyl)Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-03-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-03-2	1/22/1997	Bromodichloromethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-03-2	1/22/1997	Bromoform	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-03-2	1/22/1997	Butyl Benzyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
09-03-2	1/22/1997	Cadmium	0.44	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-03-2	1/22/1997	Carbazole	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-03-2	1/22/1997	Carbon Disulfide	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-03-2	1/22/1997	Carbon Tetrachloride	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-03-2	1/22/1997	Chlorobenzene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-03-2	1/22/1997	Chlorodibromomethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-03-2	1/22/1997	Chloroform	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-03-2	1/22/1997	Chromium	9	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
09-03-2	1/22/1997	Chrysene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-03-2	1/22/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-03-2	1/22/1997	cis-1,3-Dichloropropene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-03-2	1/22/1997	Dibenz(A,H)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX A
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-03-2	1/22/1997	Dibenzofuran	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-03-2	1/22/1997	Diethyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-03-2	1/22/1997	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-03-2	1/22/1997	Dimethyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-03-2	1/22/1997	Di-N-Butyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-2	1/22/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-03-2	1/22/1997	Ethylbenzene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-03-2	1/22/1997	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-03-2	1/22/1997	Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-03-2	1/22/1997	Fluorene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-03-2	1/22/1997	Hexachlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-03-2	1/22/1997	Hexachlorobutadiene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-03-2	1/22/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-03-2	1/22/1997	Hexachloroethane	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-03-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-2	1/22/1997	Isophorone	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-03-2	1/22/1997	Lead	5.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-03-2	1/22/1997	Manganese	12.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-03-2	1/22/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-03-2	1/22/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-03-2	1/22/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-03-2	1/22/1997	Methyl Ethyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-03-2	1/22/1997	Methyl Isobutyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-03-2	1/22/1997	Methylene Chloride	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-03-2	1/22/1997	Naphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-03-2	1/22/1997	N-Dioctyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-03-2	1/22/1997	Nitrobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-03-2	1/22/1997	N-Nitrosodi-N-Propylamine	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-03-2	1/22/1997	N-Nitrosodiphenylamine	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-03-2	1/22/1997	Pentachlorophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-03-2	1/22/1997	Phenanthrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-03-2	1/22/1997	Phenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-03-2	1/22/1997	Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-03-2	1/22/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-03-2	1/22/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-03-2	1/22/1997	Styrene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-03-2	1/22/1997	Tetrachloroethene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-03-2	1/22/1997	Toluene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-03-2	1/22/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-03-2	1/22/1997	trans-1,3-Dichloropropene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-03-2	1/22/1997	Trichloroethene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-03-2	1/22/1997	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-03-2	1/22/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-03-2	1/22/1997	Xylenes	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
09-04-2	1/22/1997	1,1,1-Trichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-04-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-04-2	1/22/1997	1,1,2-Trichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-04-2	1/22/1997	1,1-Dichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-04-2	1/22/1997	1,1-Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-04-2	1/22/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-04-2	1/22/1997	1,2-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-04-2	1/22/1997	1,2-Dichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-04-2	1/22/1997	1,2-Dichloropropane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-04-2	1/22/1997	1,3-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-04-2	1/22/1997	1,4-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-04-2	1/22/1997	2,4,5-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-2	1/22/1997	2,4,6-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-04-2	1/22/1997	2,4-Dichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-04-2	1/22/1997	2,4-Dimethylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-04-2	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-04-2	1/22/1997	2,4-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-04-2	1/22/1997	2,6-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-04-2	1/22/1997	2-Chloronaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-04-2	1/22/1997	2-Chlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-04-2	1/22/1997	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-04-2	1/22/1997	2-Methylnaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-04-2	1/22/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-2	1/22/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-04-2	1/22/1997	2-Nitrophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-04-2	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-04-2	1/22/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-04-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-04-2	1/22/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-04-2	1/22/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-2	1/22/1997	4-Chloroaniline	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-04-2	1/22/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-04-2	1/22/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-2	1/22/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-04-2	1/22/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-04-2	1/22/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-04-2	1/22/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-04-2	1/22/1997	Acetaldehyde	5800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-04-2	1/22/1997	Acetone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-04-2	1/22/1997	Chromium	156	MG/KG			Y	Y	0-2 Feet	FS	Other Solid	Site Background	42.7
09-04-2	1/22/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-04-2	1/22/1997	Antimony	2.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-04-2	1/22/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-04-2	1/22/1997	Barium	23.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-04-2	1/22/1997	Benzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-04-2	1/22/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-2	1/22/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-2	1/22/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-04-2	1/22/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-04-2	1/22/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-04-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-04-2	1/22/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-04-2	1/22/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-04-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-04-2	1/22/1997	Bromodichloromethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-04-2	1/22/1997	Bromoform	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-04-2	1/22/1997	Butyl Benzyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
09-04-2	1/22/1997	Cadmium	0.47	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-04-2	1/22/1997	Carbazole	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-04-2	1/22/1997	Carbon Disulfide	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-04-2	1/22/1997	Carbon Tetrachloride	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-04-2	1/22/1997	Chlorobenzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-04-2	1/22/1997	Chlorodibromomethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-04-2	1/22/1997	Chloroform	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-04-2	1/22/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-04-2	1/22/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-04-2	1/22/1997	cis-1,3-Dichloropropene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-04-2	1/22/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-04-2	1/22/1997	Dibenzofuran	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-04-2	1/22/1997	Diethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-04-2	1/22/1997	Diethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-04-2	1/22/1997	Dimethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-04-2	1/22/1997	Di-N-Butyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-2	1/22/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-04-2	1/22/1997	Ethylbenzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-04-2	1/22/1997	Ethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-04-2	1/22/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-04-2	1/22/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-04-2	1/22/1997	Hexachlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-04-2	1/22/1997	Hexachlorobutadiene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-04-2	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-04-2	1/22/1997	Hexachloroethane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-04-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-2	1/22/1997	Isophorone	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-04-2	1/22/1997	Lead	4.7	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-04-2	1/22/1997	Manganese	5.2	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-04-2	1/22/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-04-2	1/22/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-04-2	1/22/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-04-2	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-04-2	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-04-2	1/22/1997	Methylene Chloride	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-04-2	1/22/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-04-2	1/22/1997	N-Dioctyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-04-2	1/22/1997	Nitrobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-04-2	1/22/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-04-2	1/22/1997	N-Nitrosodiphenylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-04-2	1/22/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-04-2	1/22/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-04-2	1/22/1997	Phenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-04-2	1/22/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-04-2	1/22/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-04-2	1/22/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-04-2	1/22/1997	Styrene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-04-2	1/22/1997	Tetrachloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-04-2	1/22/1997	Toluene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-04-2	1/22/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-04-2	1/22/1997	trans-1,3-Dichloropropene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-04-2	1/22/1997	Trichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-04-2	1/22/1997	Triethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-04-2	1/22/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-04-2	1/22/1997	Xylenes	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
09-4A-2	1/22/1997	1,1,1-Trichloroethane	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-4A-2	1/22/1997	1,1,2,2-Tetrachloroethane	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-4A-2	1/22/1997	1,1,2-Trichloroethane	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-4A-2	1/22/1997	1,1-Dichloroethane	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-4A-2	1/22/1997	1,1-Dichloroethene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-4A-2	1/22/1997	1,2,4-Trichlorobenzene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-4A-2	1/22/1997	1,2-Dichlorobenzene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-4A-2	1/22/1997	1,2-Dichloroethane	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-4A-2	1/22/1997	1,2-Dichloropropane	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-4A-2	1/22/1997	1,3-Dichlorobenzene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-4A-2	1/22/1997	1,4-Dichlorobenzene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-4A-2	1/22/1997	2,4,5-Trichlorophenol	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-4A-2	1/22/1997	2,4,6-Trichlorophenol	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-4A-2	1/22/1997	2,4-Dichlorophenol	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-4A-2	1/22/1997	2,4-Dimethylphenol	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-4A-2	1/22/1997	2,4-Dinitrophenol	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-4A-2	1/22/1997	2,4-Dinitrotoluene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-4A-2	1/22/1997	2,6-Dinitrotoluene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-4A-2	1/22/1997	2-Chloronaphthalene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-4A-2	1/22/1997	2-Chlorophenol	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-4A-2	1/22/1997	2-Hexanone	26	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-4A-2	1/22/1997	2-Methylnaphthalene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-4A-2	1/22/1997	2-Methylphenol (O-Cresol)	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-4A-2	1/22/1997	2-Nitroaniline	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-4A-2	1/22/1997	2-Nitrophenol	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-4A-2	1/22/1997	3,3'-Dichlorobenzidine	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-4A-2	1/22/1997	3-Nitroaniline	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-4A-2	1/22/1997	4,6-Dinitro-2-Methylphenol	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-4A-2	1/22/1997	4-Bromophenyl Phenyl Ether	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-4A-2	1/22/1997	4-Chloro-3-Methylphenol	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-4A-2	1/22/1997	4-Chloroaniline	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-4A-2	1/22/1997	4-Chlorophenyl Phenyl Ether	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-4A-2	1/22/1997	4-Methylphenol (P-Cresol)	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-4A-2	1/22/1997	4-Nitroaniline	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-4A-2	1/22/1997	4-Nitrophenol	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-4A-2	1/22/1997	Acenaphthene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-4A-2	1/22/1997	Acenaphthylene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-4A-2	1/22/1997	Acetaldehyde	6400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-4A-2	1/22/1997	Acetone	26	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-4A-2	1/22/1997	Arsenic	4.3	MG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-4A-2	1/22/1997	Anthracene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-4A-2	1/22/1997	Antimony	2.6	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-4A-2	1/22/1997	Barium	25.6	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-4A-2	1/22/1997	Benzene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-4A-2	1/22/1997	Benzo(A)Anthracene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-4A-2	1/22/1997	Benzo(B)Fluoranthene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-4A-2	1/22/1997	Benzo(G,H,I)Perylene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-4A-2	1/22/1997	Benzo(K)Fluoranthene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-4A-2	1/22/1997	Benzo[A]Pyrene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-4A-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-4A-2	1/22/1997	Bis(2-Chloroethoxy)Methane	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-4A-2	1/22/1997	Bis(2-Chloroethyl)Ether	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-4A-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-4A-2	1/22/1997	Bromodichloromethane	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-4A-2	1/22/1997	Bromoform	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-4A-2	1/22/1997	Butyl Benzyl Phthalate	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
09-4A-2	1/22/1997	Cadmium	0.51	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-4A-2	1/22/1997	Carbazole	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-4A-2	1/22/1997	Carbon Disulfide	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-4A-2	1/22/1997	Carbon Tetrachloride	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-4A-2	1/22/1997	Chlorobenzene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-4A-2	1/22/1997	Chlorodibromomethane	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-4A-2	1/22/1997	Chloroform	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-4A-2	1/22/1997	Chromium	8.4	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
09-4A-2	1/22/1997	Chrysene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-4A-2	1/22/1997	cis-1,2 Dichloroethene	3.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-4A-2	1/22/1997	cis-1,3-Dichloropropene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-4A-2	1/22/1997	Dibenz(A,H)Anthracene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-4A-2	1/22/1997	Dibenzofuran	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-4A-2	1/22/1997	Diethyl Phthalate	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-4A-2	1/22/1997	Diethylene Glycol	32000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-4A-2	1/22/1997	Dimethyl Phthalate	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-4A-2	1/22/1997	Di-N-Butyl Phthalate	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-4A-2	1/22/1997	Ethyl Chloride	13	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-4A-2	1/22/1997	Ethylbenzene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-4A-2	1/22/1997	Ethylene Glycol	32000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-4A-2	1/22/1997	Fluoranthene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-4A-2	1/22/1997	Fluorene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-4A-2	1/22/1997	Hexachlorobenzene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-4A-2	1/22/1997	Hexachlorobutadiene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-4A-2	1/22/1997	Hexachlorocyclopentadiene	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-4A-2	1/22/1997	Hexachloroethane	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-4A-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-4A-2	1/22/1997	Isophorone	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-4A-2	1/22/1997	Lead	8.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-4A-2	1/22/1997	Manganese	10.8	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-4A-2	1/22/1997	Mercury	0.13	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-4A-2	1/22/1997	Methyl Bromide	13	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-4A-2	1/22/1997	Methyl Chloride	13	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-4A-2	1/22/1997	Methyl Ethyl Ketone	26	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-4A-2	1/22/1997	Methyl Isobutyl Ketone	26	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-4A-2	1/22/1997	Methylene Chloride	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-4A-2	1/22/1997	Naphthalene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-4A-2	1/22/1997	N-Dioctyl Phthalate	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-4A-2	1/22/1997	Nitrobenzene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-4A-2	1/22/1997	N-Nitrosodi-N-Propylamine	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-4A-2	1/22/1997	N-Nitrosodiphenylamine	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-4A-2	1/22/1997	Pentachlorophenol	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-4A-2	1/22/1997	Phenanthrene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-4A-2	1/22/1997	Phenol	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-4A-2	1/22/1997	Pyrene	420	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-4A-2	1/22/1997	Selenium	1.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-4A-2	1/22/1997	Silver	1.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-4A-2	1/22/1997	Styrene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-4A-2	1/22/1997	Tetrachloroethene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-4A-2	1/22/1997	Toluene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-4A-2	1/22/1997	trans-1,2-Dichloroethene	3.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-4A-2	1/22/1997	trans-1,3-Dichloropropene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-4A-2	1/22/1997	Trichloroethene	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-4A-2	1/22/1997	Triethylene Glycol	32000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-4A-2	1/22/1997	Vinyl Chloride	13	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-4A-2	1/22/1997	Xylenes	6.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
14-01-2	1/17/1997	1,1,1-Trichloroethane	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-01-2	1/17/1997	1,1,2,2-Tetrachloroethane	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-01-2	1/17/1997	1,1,2-Trichloroethane	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-01-2	1/17/1997	1,1-Dichloroethane	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-01-2	1/17/1997	1,1-Dichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-01-2	1/17/1997	1,2,4-Trichlorobenzene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-01-2	1/17/1997	1,2-Dichlorobenzene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-01-2	1/17/1997	1,2-Dichloroethane	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-01-2	1/17/1997	1,2-Dichloropropane	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-01-2	1/17/1997	1,3-Dichlorobenzene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-01-2	1/17/1997	1,4-Dichlorobenzene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-01-2	1/17/1997	2,4,5-Trichlorophenol	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-2	1/17/1997	2,4,6-Trichlorophenol	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-01-2	1/17/1997	2,4-Dichlorophenol	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-01-2	1/17/1997	2,4-Dimethylphenol	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-01-2	1/17/1997	2,4-Dinitrophenol	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-01-2	1/17/1997	2,4-Dinitrotoluene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-01-2	1/17/1997	2,6-Dinitrotoluene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-01-2	1/17/1997	2-Chloronaphthalene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-01-2	1/17/1997	2-Chlorophenol	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-01-2	1/17/1997	2-Hexanone	26	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-01-2	1/17/1997	2-Methylnaphthalene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-01-2	1/17/1997	2-Methylphenol (O-Cresol)	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-2	1/17/1997	2-Nitroaniline	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-01-2	1/17/1997	2-Nitrophenol	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-01-2	1/17/1997	3,3'-Dichlorobenzidine	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-01-2	1/17/1997	3-Nitroaniline	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-01-2	1/17/1997	4,6-Dinitro-2-Methylphenol	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-01-2	1/17/1997	4-Bromophenyl Phenyl Ether	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-01-2	1/17/1997	4-Chloro-3-Methylphenol	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-2	1/17/1997	4-Chloroaniline	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-01-2	1/17/1997	4-Chlorophenyl Phenyl Ether	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-01-2	1/17/1997	4-Methylphenol (P-Cresol)	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-2	1/17/1997	4-Nitroaniline	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-01-2	1/17/1997	4-Nitrophenol	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-01-2	1/17/1997	Acenaphthene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-01-2	1/17/1997	Acenaphthylene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-01-2	1/17/1997	Acetaldehyde	6500	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-01-2	1/17/1997	Acetone	26	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-01-2	1/17/1997	Anthracene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-01-2	1/17/1997	Antimony	4.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-01-2	1/17/1997	Arsenic	2.6	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-01-2	1/17/1997	Barium	69.1	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-01-2	1/17/1997	Benzene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-01-2	1/17/1997	Benzo(A)Anthracene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-01-2	1/17/1997	Benzo(B)Fluoranthene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-01-2	1/17/1997	Benzo(G,H,I)Perylene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-01-2	1/17/1997	Benzo(K)Fluoranthene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-01-2	1/17/1997	Benzo[A]Pyrene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-01-2	1/17/1997	Bis(2-Chloro-1-Methylethyl) Ether	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-01-2	1/17/1997	Bis(2-Chloroethoxy)Methane	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-01-2	1/17/1997	Bis(2-Chloroethyl)Ether	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-01-2	1/17/1997	Bis(2-Ethylhexyl)Phthalate	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-01-2	1/17/1997	Bromodichloromethane	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-01-2	1/17/1997	Bromoform	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-01-2	1/17/1997	Butyl Benzyl Phthalate	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
14-01-2	1/17/1997	Cadmium	0.52	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-01-2	1/17/1997	Carbazole	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-01-2	1/17/1997	Carbon Disulfide	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-01-2	1/17/1997	Carbon Tetrachloride	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-01-2	1/17/1997	Chlorobenzene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-01-2	1/17/1997	Chlorodibromomethane	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-01-2	1/17/1997	Chloroform	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-01-2	1/17/1997	Chromium	12.5	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
14-01-2	1/17/1997	Chrysene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-01-2	1/17/1997	cis-1,2 Dichloroethene	3.3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-01-2	1/17/1997	cis-1,3-Dichloropropene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-01-2	1/17/1997	Dibenz(A,H)Anthracene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-01-2	1/17/1997	Dibenzofuran	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-01-2	1/17/1997	Diethyl Phthalate	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-01-2	1/17/1997	Diethylene Glycol	33000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-01-2	1/17/1997	Dimethyl Phthalate	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-01-2	1/17/1997	Di-N-Butyl Phthalate	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-2	1/17/1997	Ethyl Chloride	13	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-01-2	1/17/1997	Ethylbenzene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-01-2	1/17/1997	Ethylene Glycol	33000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-01-2	1/17/1997	Fluoranthene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-01-2	1/17/1997	Fluorene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-01-2	1/17/1997	Hexachlorobenzene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-01-2	1/17/1997	Hexachlorobutadiene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-01-2	1/17/1997	Hexachlorocyclopentadiene	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-01-2	1/17/1997	Hexachloroethane	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-01-2	1/17/1997	Indeno (1,2,3-CD) Pyrene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-01-2	1/17/1997	Isophorone	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-01-2	1/17/1997	Lead	12.2	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-01-2	1/17/1997	Manganese	320	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-01-2	1/17/1997	Mercury	0.13	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-01-2	1/17/1997	Methyl Bromide	13	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-01-2	1/17/1997	Methyl Chloride	13	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-01-2	1/17/1997	Methyl Ethyl Ketone	26	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-01-2	1/17/1997	Methyl Isobutyl Ketone	26	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-01-2	1/17/1997	Methylene Chloride	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-01-2	1/17/1997	Naphthalene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-01-2	1/17/1997	N-Dioctyl Phthalate	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-01-2	1/17/1997	Nitrobenzene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-01-2	1/17/1997	N-Nitrosodi-N-Propylamine	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-01-2	1/17/1997	N-Nitrosodiphenylamine	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-01-2	1/17/1997	Pentachlorophenol	2100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-01-2	1/17/1997	Phenanthrene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-01-2	1/17/1997	Phenol	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-01-2	1/17/1997	Pyrene	430	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-01-2	1/17/1997	Selenium	1.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-01-2	1/17/1997	Silver	1.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-01-2	1/17/1997	Styrene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05

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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-01-2	1/17/1997	Tetrachloroethene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-01-2	1/17/1997	Toluene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-01-2	1/17/1997	trans-1,2-Dichloroethene	3.3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-01-2	1/17/1997	trans-1,3-Dichloropropene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-01-2	1/17/1997	Trichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-01-2	1/17/1997	Triethylene Glycol	33000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-01-2	1/17/1997	Vinyl Chloride	13	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-01-2	1/17/1997	Xylenes	6.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
14-02-2	1/18/1997	1,1,1-Trichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-02-2	1/18/1997	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-02-2	1/18/1997	1,1,2-Trichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-02-2	1/18/1997	1,1-Dichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-02-2	1/18/1997	1,1-Dichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-02-2	1/18/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-02-2	1/18/1997	1,2-Dichlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-02-2	1/18/1997	1,2-Dichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-02-2	1/18/1997	1,2-Dichloropropane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-02-2	1/18/1997	1,3-Dichlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-02-2	1/18/1997	1,4-Dichlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-02-2	1/18/1997	2,4,5-Trichlorophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-2	1/18/1997	2,4,6-Trichlorophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-02-2	1/18/1997	2,4-Dichlorophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-02-2	1/18/1997	2,4-Dimethylphenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-02-2	1/18/1997	2,4-Dinitrophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-02-2	1/18/1997	2,4-Dinitrotoluene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-02-2	1/18/1997	2,6-Dinitrotoluene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-02-2	1/18/1997	2-Chloronaphthalene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-02-2	1/18/1997	2-Chlorophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-02-2	1/18/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-02-2	1/18/1997	2-Methylnaphthalene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-02-2	1/18/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-2	1/18/1997	2-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-02-2	1/18/1997	2-Nitrophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-02-2	1/18/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-02-2	1/18/1997	3-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-02-2	1/18/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-02-2	1/18/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-02-2	1/18/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-2	1/18/1997	4-Chloroaniline	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-02-2	1/18/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-02-2	1/18/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-2	1/18/1997	4-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-02-2	1/18/1997	4-Nitrophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-02-2	1/18/1997	Acenaphthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-02-2	1/18/1997	Acenaphthylene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-02-2	1/18/1997	Acetaldehyde	6100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-02-2	1/18/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-02-2	1/18/1997	Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-02-2	1/18/1997	Antimony	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-02-2	1/18/1997	Arsenic	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-02-2	1/18/1997	Barium	45.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-02-2	1/18/1997	Benzene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-02-2	1/18/1997	Benzo(A)Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-2	1/18/1997	Benzo(B)Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-2	1/18/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-02-2	1/18/1997	Benzo(K)Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-02-2	1/18/1997	Benzo[A]Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-02-2	1/18/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-02-2	1/18/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-02-2	1/18/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-02-2	1/18/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-02-2	1/18/1997	Bromodichloromethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-02-2	1/18/1997	Bromoform	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-02-2	1/18/1997	Butyl Benzyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
14-02-2	1/18/1997	Cadmium	0.49	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-02-2	1/18/1997	Carbazole	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-02-2	1/18/1997	Carbon Disulfide	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-02-2	1/18/1997	Carbon Tetrachloride	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-02-2	1/18/1997	Chlorobenzene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-02-2	1/18/1997	Chlorodibromomethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-02-2	1/18/1997	Chloroform	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-02-2	1/18/1997	Chromium	7.3	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
14-02-2	1/18/1997	Chrysene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-02-2	1/18/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-02-2	1/18/1997	cis-1,3-Dichloropropene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-02-2	1/18/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-02-2	1/18/1997	Dibenzofuran	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-02-2	1/18/1997	Diethyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-02-2	1/18/1997	Diethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-02-2	1/18/1997	Dimethyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-02-2	1/18/1997	Di-N-Butyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-2	1/18/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-02-2	1/18/1997	Ethylbenzene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-02-2	1/18/1997	Ethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-02-2	1/18/1997	Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-02-2	1/18/1997	Fluorene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-02-2	1/18/1997	Hexachlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-02-2	1/18/1997	Hexachlorobutadiene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-02-2	1/18/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-02-2	1/18/1997	Hexachloroethane	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-02-2	1/18/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-2	1/18/1997	Isophorone	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-02-2	1/18/1997	Lead	7.8	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-02-2	1/18/1997	Manganese	10.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-02-2	1/18/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-02-2	1/18/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-02-2	1/18/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-02-2	1/18/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-02-2	1/18/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-02-2	1/18/1997	Methylene Chloride	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-02-2	1/18/1997	Naphthalene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-02-2	1/18/1997	N-Dioctyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-02-2	1/18/1997	Nitrobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-02-2	1/18/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-02-2	1/18/1997	N-Nitrosodiphenylamine	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-02-2	1/18/1997	Pentachlorophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-02-2	1/18/1997	Phenanthrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-02-2	1/18/1997	Phenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-02-2	1/18/1997	Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-02-2	1/18/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-02-2	1/18/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-02-2	1/18/1997	Styrene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-02-2	1/18/1997	Tetrachloroethene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-02-2	1/18/1997	Toluene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-02-2	1/18/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-02-2	1/18/1997	trans-1,3-Dichloropropene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-02-2	1/18/1997	Trichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-02-2	1/18/1997	Triethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-02-2	1/18/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-02-2	1/18/1997	Xylenes	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
14-03-2	1/18/1997	1,1,1-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-03-2	1/18/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-03-2	1/18/1997	1,1,2-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-03-2	1/18/1997	1,1-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX A
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-03-2	1/18/1997	1,1-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-03-2	1/18/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-03-2	1/18/1997	1,2-Dichlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-03-2	1/18/1997	1,2-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-03-2	1/18/1997	1,2-Dichloropropane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-03-2	1/18/1997	1,3-Dichlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-03-2	1/18/1997	1,4-Dichlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-03-2	1/18/1997	2,4,5-Trichlorophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-2	1/18/1997	2,4,6-Trichlorophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-03-2	1/18/1997	2,4-Dichlorophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-03-2	1/18/1997	2,4-Dimethylphenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-03-2	1/18/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-03-2	1/18/1997	2,4-Dinitrotoluene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-03-2	1/18/1997	2,6-Dinitrotoluene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-03-2	1/18/1997	2-Chloronaphthalene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-03-2	1/18/1997	2-Chlorophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-03-2	1/18/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-03-2	1/18/1997	2-Methylnaphthalene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-03-2	1/18/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-2	1/18/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-03-2	1/18/1997	2-Nitrophenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-03-2	1/18/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-03-2	1/18/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-03-2	1/18/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-03-2	1/18/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-03-2	1/18/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-2	1/18/1997	4-Chloroaniline	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-03-2	1/18/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-03-2	1/18/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-2	1/18/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-03-2	1/18/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-03-2	1/18/1997	Acenaphthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-03-2	1/18/1997	Acenaphthylene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-03-2	1/18/1997	Acetaldehyde	6000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-03-2	1/18/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-03-2	1/18/1997	Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-03-2	1/18/1997	Antimony	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-03-2	1/18/1997	Arsenic	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-03-2	1/18/1997	Barium	24.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-03-2	1/18/1997	Benzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-03-2	1/18/1997	Benzo(A)Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-03-2	1/18/1997	Benzo(B)Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-03-2	1/18/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-03-2	1/18/1997	Benzo(K)Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-03-2	1/18/1997	Benzo[A]Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-03-2	1/18/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-03-2	1/18/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-03-2	1/18/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-03-2	1/18/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-03-2	1/18/1997	Bromodichloromethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-03-2	1/18/1997	Bromoform	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-03-2	1/18/1997	Butyl Benzyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
14-03-2	1/18/1997	Cadmium	0.48	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-03-2	1/18/1997	Carbazole	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-03-2	1/18/1997	Carbon Disulfide	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-03-2	1/18/1997	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-03-2	1/18/1997	Chlorobenzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-03-2	1/18/1997	Chlorodibromomethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-03-2	1/18/1997	Chloroform	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-03-2	1/18/1997	Chromium	7.2	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
14-03-2	1/18/1997	Chrysene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-03-2	1/18/1997	cis-1,2 Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-03-2	1/18/1997	cis-1,3-Dichloropropene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-03-2	1/18/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-03-2	1/18/1997	Dibenzofuran	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-03-2	1/18/1997	Diethyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-03-2	1/18/1997	Diethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-03-2	1/18/1997	Dimethyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-03-2	1/18/1997	Di-N-Butyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-2	1/18/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-03-2	1/18/1997	Ethylbenzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-03-2	1/18/1997	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-03-2	1/18/1997	Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-03-2	1/18/1997	Fluorene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-03-2	1/18/1997	Hexachlorobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-03-2	1/18/1997	Hexachlorobutadiene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-03-2	1/18/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-03-2	1/18/1997	Hexachloroethane	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-03-2	1/18/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-03-2	1/18/1997	Isophorone	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-03-2	1/18/1997	Lead	4.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-03-2	1/18/1997	Manganese	8.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-03-2	1/18/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-03-2	1/18/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-03-2	1/18/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-03-2	1/18/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-03-2	1/18/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-03-2	1/18/1997	Methylene Chloride	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-03-2	1/18/1997	Naphthalene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-03-2	1/18/1997	N-Dioctyl Phthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-03-2	1/18/1997	Nitrobenzene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-03-2	1/18/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-03-2	1/18/1997	N-Nitrosodiphenylamine	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-03-2	1/18/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-03-2	1/18/1997	Phenanthrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-03-2	1/18/1997	Phenol	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-03-2	1/18/1997	Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-03-2	1/18/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-03-2	1/18/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-03-2	1/18/1997	Styrene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-03-2	1/18/1997	Tetrachloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-03-2	1/18/1997	Toluene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-03-2	1/18/1997	trans-1,2-Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-03-2	1/18/1997	trans-1,3-Dichloropropene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-03-2	1/18/1997	Trichloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-03-2	1/18/1997	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-03-2	1/18/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-03-2	1/18/1997	Xylenes	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
14-04-2	1/16/1997	1,1,1-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-04-2	1/16/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-04-2	1/16/1997	1,1,2-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-04-2	1/16/1997	1,1-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-04-2	1/16/1997	1,1-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-04-2	1/16/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-04-2	1/16/1997	1,2-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-04-2	1/16/1997	1,2-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-04-2	1/16/1997	1,2-Dichloropropane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-04-2	1/16/1997	1,3-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-04-2	1/16/1997	1,4-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-04-2	1/16/1997	2,4,5-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-2	1/16/1997	2,4,6-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-04-2	1/16/1997	2,4-Dichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-04-2	1/16/1997	2,4-Dimethylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-04-2	1/16/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-04-2	1/16/1997	2,4-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-04-2	1/16/1997	2,6-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-04-2	1/16/1997	2-Chloronaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-04-2	1/16/1997	2-Chlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-04-2	1/16/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-04-2	1/16/1997	2-Methylnaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-04-2	1/16/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-2	1/16/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-04-2	1/16/1997	2-Nitrophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-04-2	1/16/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-04-2	1/16/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-04-2	1/16/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-04-2	1/16/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-04-2	1/16/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-2	1/16/1997	4-Chloroaniline	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-04-2	1/16/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-04-2	1/16/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-2	1/16/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-04-2	1/16/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-04-2	1/16/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-04-2	1/16/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-04-2	1/16/1997	Acetaldehyde	6000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-04-2	1/16/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-04-2	1/16/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-04-2	1/16/1997	Antimony	4.8	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-04-2	1/16/1997	Arsenic	11.9	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-04-2	1/16/1997	Barium	560	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-04-2	1/16/1997	Benzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-04-2	1/16/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-04-2	1/16/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-04-2	1/16/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-04-2	1/16/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-04-2	1/16/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-04-2	1/16/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-04-2	1/16/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-04-2	1/16/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-04-2	1/16/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-04-2	1/16/1997	Bromodichloromethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-04-2	1/16/1997	Bromoform	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-04-2	1/16/1997	Butyl Benzyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
14-04-2	1/16/1997	Cadmium	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-04-2	1/16/1997	Carbazole	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-04-2	1/16/1997	Carbon Disulfide	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-04-2	1/16/1997	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-04-2	1/16/1997	Chlorobenzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-04-2	1/16/1997	Chlorodibromomethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-04-2	1/16/1997	Chloroform	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-04-2	1/16/1997	Chromium	31.5	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
14-04-2	1/16/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-04-2	1/16/1997	cis-1,2 Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-04-2	1/16/1997	cis-1,3-Dichloropropene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-04-2	1/16/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-04-2	1/16/1997	Dibenzofuran	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-04-2	1/16/1997	Diethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-04-2	1/16/1997	Diethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-04-2	1/16/1997	Dimethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-04-2	1/16/1997	Di-N-Butyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-2	1/16/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-04-2	1/16/1997	Ethylbenzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-04-2	1/16/1997	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-04-2	1/16/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-04-2	1/16/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-04-2	1/16/1997	Hexachlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-04-2	1/16/1997	Hexachlorobutadiene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-04-2	1/16/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-04-2	1/16/1997	Hexachloroethane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-04-2	1/16/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-04-2	1/16/1997	Isophorone	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-04-2	1/16/1997	Lead	10.9	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-04-2	1/16/1997	Manganese	17.9	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-04-2	1/16/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-04-2	1/16/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-04-2	1/16/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-04-2	1/16/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-04-2	1/16/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-04-2	1/16/1997	Methylene Chloride	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-04-2	1/16/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-04-2	1/16/1997	N-Dioctyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-04-2	1/16/1997	Nitrobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-04-2	1/16/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-04-2	1/16/1997	N-Nitrosodiphenylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-04-2	1/16/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-04-2	1/16/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-04-2	1/16/1997	Phenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-04-2	1/16/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-04-2	1/16/1997	Selenium	6	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-04-2	1/16/1997	Silver	6	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-04-2	1/16/1997	Styrene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-04-2	1/16/1997	Tetrachloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-04-2	1/16/1997	Toluene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-04-2	1/16/1997	trans-1,2-Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-04-2	1/16/1997	trans-1,3-Dichloropropene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-04-2	1/16/1997	Trichloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-04-2	1/16/1997	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-04-2	1/16/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-04-2	1/16/1997	Xylenes	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
14-05-2	1/16/1997	1,1,1-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-05-2	1/16/1997	1,1,2,2-Tetrachloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-05-2	1/16/1997	1,1,2-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-05-2	1/16/1997	1,1-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-05-2	1/16/1997	1,1-Dichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-05-2	1/16/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-05-2	1/16/1997	1,2-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-05-2	1/16/1997	1,2-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-05-2	1/16/1997	1,2-Dichloropropane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-05-2	1/16/1997	1,3-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-05-2	1/16/1997	1,4-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-05-2	1/16/1997	2,4,5-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-2	1/16/1997	2,4,6-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-05-2	1/16/1997	2,4-Dichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-05-2	1/16/1997	2,4-Dimethylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-05-2	1/16/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-05-2	1/16/1997	2,4-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-05-2	1/16/1997	2,6-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-05-2	1/16/1997	2-Chloronaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-05-2	1/16/1997	2-Chlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-05-2	1/16/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-05-2	1/16/1997	2-Methylnaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-05-2	1/16/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-2	1/16/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-05-2	1/16/1997	2-Nitrophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-05-2	1/16/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-05-2	1/16/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-05-2	1/16/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-05-2	1/16/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-05-2	1/16/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-2	1/16/1997	4-Chloroaniline	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-05-2	1/16/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-05-2	1/16/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-2	1/16/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-05-2	1/16/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-05-2	1/16/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-05-2	1/16/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-05-2	1/16/1997	Acetaldehyde	5900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-05-2	1/16/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-05-2	1/16/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-05-2	1/16/1997	Antimony	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-05-2	1/16/1997	Arsenic	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-05-2	1/16/1997	Barium	23.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-05-2	1/16/1997	Benzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-05-2	1/16/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-05-2	1/16/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-05-2	1/16/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-05-2	1/16/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-05-2	1/16/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-05-2	1/16/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-05-2	1/16/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-05-2	1/16/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-05-2	1/16/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-05-2	1/16/1997	Bromodichloromethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-05-2	1/16/1997	Bromoform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-05-2	1/16/1997	Butyl Benzyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
14-05-2	1/16/1997	Cadmium	0.47	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-05-2	1/16/1997	Carbazole	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-05-2	1/16/1997	Carbon Disulfide	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-05-2	1/16/1997	Carbon Tetrachloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-05-2	1/16/1997	Chlorobenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-05-2	1/16/1997	Chlorodibromomethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-05-2	1/16/1997	Chloroform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-05-2	1/16/1997	Chromium	10.8	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
14-05-2	1/16/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-05-2	1/16/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-05-2	1/16/1997	cis-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-05-2	1/16/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-05-2	1/16/1997	Dibenzofuran	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-05-2	1/16/1997	Diethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-05-2	1/16/1997	Diethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-05-2	1/16/1997	Dimethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-05-2	1/16/1997	Di-N-Butyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-2	1/16/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-05-2	1/16/1997	Ethylbenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-05-2	1/16/1997	Ethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-05-2	1/16/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-05-2	1/16/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-05-2	1/16/1997	Hexachlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-05-2	1/16/1997	Hexachlorobutadiene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-05-2	1/16/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-05-2	1/16/1997	Hexachloroethane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-05-2	1/16/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-05-2	1/16/1997	Isophorone	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-05-2	1/16/1997	Lead	7.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-05-2	1/16/1997	Manganese	4.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-05-2	1/16/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-05-2	1/16/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-05-2	1/16/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-05-2	1/16/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-05-2	1/16/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-05-2	1/16/1997	Methylene Chloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-05-2	1/16/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-05-2	1/16/1997	N-Dioctyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-05-2	1/16/1997	Nitrobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-05-2	1/16/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-05-2	1/16/1997	N-Nitrosodiphenylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-05-2	1/16/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-05-2	1/16/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-05-2	1/16/1997	Phenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-05-2	1/16/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-05-2	1/16/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-05-2	1/16/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-05-2	1/16/1997	Styrene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-05-2	1/16/1997	Tetrachloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-05-2	1/16/1997	Toluene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-05-2	1/16/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-05-2	1/16/1997	trans-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-05-2	1/16/1997	Trichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-05-2	1/16/1997	Triethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-05-2	1/16/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-05-2	1/16/1997	Xylenes	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
14-06-2	1/16/1997	1,1,1-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-06-2	1/16/1997	1,1,2,2-Tetrachloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-06-2	1/16/1997	1,1,2-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-06-2	1/16/1997	1,1-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-06-2	1/16/1997	1,1-Dichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-06-2	1/16/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-06-2	1/16/1997	1,2-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-06-2	1/16/1997	1,2-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-06-2	1/16/1997	1,2-Dichloropropane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-06-2	1/16/1997	1,3-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-06-2	1/16/1997	1,4-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-06-2	1/16/1997	2,4,5-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-2	1/16/1997	2,4,6-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-06-2	1/16/1997	2,4-Dichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-06-2	1/16/1997	2,4-Dimethylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-06-2	1/16/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-06-2	1/16/1997	2,4-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-06-2	1/16/1997	2,6-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-06-2	1/16/1997	2-Chloronaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-06-2	1/16/1997	2-Chlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-06-2	1/16/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-06-2	1/16/1997	2-Methylnaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-06-2	1/16/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-2	1/16/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-06-2	1/16/1997	2-Nitrophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-06-2	1/16/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-06-2	1/16/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-06-2	1/16/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-06-2	1/16/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-06-2	1/16/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-2	1/16/1997	4-Chloroaniline	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-06-2	1/16/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-06-2	1/16/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-2	1/16/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-06-2	1/16/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-06-2	1/16/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-06-2	1/16/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-06-2	1/16/1997	Acetaldehyde	5900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-06-2	1/16/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-06-2	1/16/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-06-2	1/16/1997	Antimony	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-06-2	1/16/1997	Arsenic	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-06-2	1/16/1997	Barium	23.6	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-06-2	1/16/1997	Benzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-06-2	1/16/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-06-2	1/16/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-06-2	1/16/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-06-2	1/16/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-06-2	1/16/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-06-2	1/16/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-06-2	1/16/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-06-2	1/16/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-06-2	1/16/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-06-2	1/16/1997	Bromodichloromethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-06-2	1/16/1997	Bromoform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-06-2	1/16/1997	Butyl Benzyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
14-06-2	1/16/1997	Cadmium	0.47	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-06-2	1/16/1997	Carbazole	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-06-2	1/16/1997	Carbon Disulfide	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-06-2	1/16/1997	Carbon Tetrachloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-06-2	1/16/1997	Chlorobenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-06-2	1/16/1997	Chlorodibromomethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-06-2	1/16/1997	Chloroform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-06-2	1/16/1997	Chromium	5.8	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
14-06-2	1/16/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-06-2	1/16/1997	cis-1,2 Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-06-2	1/16/1997	cis-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-06-2	1/16/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-06-2	1/16/1997	Dibenzofuran	610	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-06-2	1/16/1997	Diethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-06-2	1/16/1997	Diethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-06-2	1/16/1997	Dimethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-06-2	1/16/1997	Di-N-Butyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-2	1/16/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-06-2	1/16/1997	Ethylbenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-06-2	1/16/1997	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-06-2	1/16/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-06-2	1/16/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-06-2	1/16/1997	Hexachlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-06-2	1/16/1997	Hexachlorobutadiene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-06-2	1/16/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-06-2	1/16/1997	Hexachloroethane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-06-2	1/16/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-06-2	1/16/1997	Isophorone	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-06-2	1/16/1997	Lead	6.6	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-06-2	1/16/1997	Manganese	14.6	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-06-2	1/16/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-06-2	1/16/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-06-2	1/16/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-06-2	1/16/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-06-2	1/16/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-06-2	1/16/1997	Methylene Chloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-06-2	1/16/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-06-2	1/16/1997	N-Dioctyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-06-2	1/16/1997	Nitrobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-06-2	1/16/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-06-2	1/16/1997	N-Nitrosodiphenylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-06-2	1/16/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-06-2	1/16/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-06-2	1/16/1997	Phenol	1000	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-06-2	1/16/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-06-2	1/16/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-06-2	1/16/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-06-2	1/16/1997	Styrene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-06-2	1/16/1997	Tetrachloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-06-2	1/16/1997	Toluene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-06-2	1/16/1997	trans-1,2-Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-06-2	1/16/1997	trans-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-06-2	1/16/1997	Trichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-06-2	1/16/1997	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-06-2	1/16/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-06-2	1/16/1997	Xylenes	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
14-08-2	1/17/1997	1,1,1-Trichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-08-2	1/17/1997	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-08-2	1/17/1997	1,1,2-Trichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-08-2	1/17/1997	1,1-Dichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-08-2	1/17/1997	1,1-Dichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-08-2	1/17/1997	1,2,4-Trichlorobenzene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-08-2	1/17/1997	1,2-Dichlorobenzene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-08-2	1/17/1997	1,2-Dichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-08-2	1/17/1997	1,2-Dichloropropane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-08-2	1/17/1997	1,3-Dichlorobenzene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-08-2	1/17/1997	1,4-Dichlorobenzene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-08-2	1/17/1997	2,4,5-Trichlorophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-2	1/17/1997	2,4,6-Trichlorophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-08-2	1/17/1997	2,4-Dichlorophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-08-2	1/17/1997	2,4-Dimethylphenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-08-2	1/17/1997	2,4-Dinitrophenol	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-08-2	1/17/1997	2,4-Dinitrotoluene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-08-2	1/17/1997	2,6-Dinitrotoluene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-08-2	1/17/1997	2-Chloronaphthalene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-08-2	1/17/1997	2-Chlorophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-08-2	1/17/1997	2-Hexanone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-08-2	1/17/1997	2-Methylnaphthalene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-08-2	1/17/1997	2-Methylphenol (O-Cresol)	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-2	1/17/1997	2-Nitroaniline	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-08-2	1/17/1997	2-Nitrophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-08-2	1/17/1997	3,3'-Dichlorobenzidine	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-08-2	1/17/1997	3-Nitroaniline	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-08-2	1/17/1997	4,6-Dinitro-2-Methylphenol	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-08-2	1/17/1997	4-Bromophenyl Phenyl Ether	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-08-2	1/17/1997	4-Chloro-3-Methylphenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-2	1/17/1997	4-Chloroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-08-2	1/17/1997	4-Chlorophenyl Phenyl Ether	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-08-2	1/17/1997	4-Methylphenol (P-Cresol)	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-2	1/17/1997	4-Nitroaniline	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-08-2	1/17/1997	4-Nitrophenol	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-08-2	1/17/1997	Acenaphthene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-08-2	1/17/1997	Acenaphthylene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-08-2	1/17/1997	Acetaldehyde	6100	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-08-2	1/17/1997	Acetone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-08-2	1/17/1997	Anthracene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-08-2	1/17/1997	Antimony	2.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-08-2	1/17/1997	Arsenic	2.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-08-2	1/17/1997	Barium	24.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-08-2	1/17/1997	Benzene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-08-2	1/17/1997	Benzo(A)Anthracene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-08-2	1/17/1997	Benzo(B)Fluoranthene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-08-2	1/17/1997	Benzo(G,H,I)Perylene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-08-2	1/17/1997	Benzo(K)Fluoranthene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-08-2	1/17/1997	Benzo[A]Pyrene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-08-2	1/17/1997	Bis(2-Chloro-1-Methylethyl) Ether	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-08-2	1/17/1997	Bis(2-Chloroethoxy)Methane	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-08-2	1/17/1997	Bis(2-Chloroethyl)Ether	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-08-2	1/17/1997	Bis(2-Ethylhexyl)Phthalate	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-08-2	1/17/1997	Bromodichloromethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-08-2	1/17/1997	Bromoform	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-08-2	1/17/1997	Butyl Benzyl Phthalate	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
14-08-2	1/17/1997	Cadmium	0.49	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-08-2	1/17/1997	Carbazole	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-08-2	1/17/1997	Carbon Disulfide	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-08-2	1/17/1997	Carbon Tetrachloride	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-08-2	1/17/1997	Chlorobenzene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-08-2	1/17/1997	Chlorodibromomethane	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-08-2	1/17/1997	Chloroform	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-08-2	1/17/1997	Chromium	10.8	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
14-08-2	1/17/1997	Chrysene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-08-2	1/17/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-08-2	1/17/1997	cis-1,3-Dichloropropene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-08-2	1/17/1997	Dibenz(A,H)Anthracene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-08-2	1/17/1997	Dibenzofuran	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-08-2	1/17/1997	Diethyl Phthalate	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-08-2	1/17/1997	Diethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-08-2	1/17/1997	Dimethyl Phthalate	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-08-2	1/17/1997	Di-N-Butyl Phthalate	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-2	1/17/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-08-2	1/17/1997	Ethylbenzene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-08-2	1/17/1997	Ethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-08-2	1/17/1997	Fluoranthene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-08-2	1/17/1997	Fluorene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-08-2	1/17/1997	Hexachlorobenzene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-08-2	1/17/1997	Hexachlorobutadiene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-08-2	1/17/1997	Hexachlorocyclopentadiene	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-08-2	1/17/1997	Hexachloroethane	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-08-2	1/17/1997	Indeno (1,2,3-CD) Pyrene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-08-2	1/17/1997	Isophorone	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-08-2	1/17/1997	Lead	8.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-08-2	1/17/1997	Manganese	7.4	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-08-2	1/17/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-08-2	1/17/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-08-2	1/17/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-08-2	1/17/1997	Methyl Ethyl Ketone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-08-2	1/17/1997	Methyl Isobutyl Ketone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-08-2	1/17/1997	Methylene Chloride	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-08-2	1/17/1997	Naphthalene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-08-2	1/17/1997	N-Dioctyl Phthalate	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-08-2	1/17/1997	Nitrobenzene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-08-2	1/17/1997	N-Nitrosodi-N-Propylamine	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-08-2	1/17/1997	N-Nitrosodiphenylamine	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-08-2	1/17/1997	Pentachlorophenol	9800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-08-2	1/17/1997	Phenanthrene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-08-2	1/17/1997	Phenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-08-2	1/17/1997	Pyrene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-08-2	1/17/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-08-2	1/17/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-08-2	1/17/1997	Styrene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-08-2	1/17/1997	Tetrachloroethene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-08-2	1/17/1997	Toluene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-08-2	1/17/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-08-2	1/17/1997	trans-1,3-Dichloropropene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-08-2	1/17/1997	Trichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-08-2	1/17/1997	Triethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-08-2	1/17/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-08-2	1/17/1997	Xylenes	6.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-01-2	1/22/1997	1,1,1-Trichloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-01-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-01-2	1/22/1997	1,1,2-Trichloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-01-2	1/22/1997	1,1-Dichloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-01-2	1/22/1997	1,1-Dichloroethene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-01-2	1/22/1997	1,2,4-Trichlorobenzene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-01-2	1/22/1997	1,2-Dichlorobenzene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-01-2	1/22/1997	1,2-Dichloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-01-2	1/22/1997	1,2-Dichloropropane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-01-2	1/22/1997	1,3-Dichlorobenzene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-01-2	1/22/1997	1,4-Dichlorobenzene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-01-2	1/22/1997	2,4,5-Trichlorophenol	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-2	1/22/1997	2,4,6-Trichlorophenol	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-01-2	1/22/1997	2,4-Dichlorophenol	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-01-2	1/22/1997	2,4-Dimethylphenol	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-01-2	1/22/1997	2,4-Dinitrophenol	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-01-2	1/22/1997	2,4-Dinitrotoluene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-01-2	1/22/1997	2,6-Dinitrotoluene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-01-2	1/22/1997	2-Chloronaphthalene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-01-2	1/22/1997	2-Chlorophenol	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-01-2	1/22/1997	2-Hexanone	21	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-01-2	1/22/1997	2-Methylnaphthalene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-01-2	1/22/1997	2-Methylphenol (O-Cresol)	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-2	1/22/1997	2-Nitroaniline	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-01-2	1/22/1997	2-Nitrophenol	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-01-2	1/22/1997	3,3'-Dichlorobenzidine	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-01-2	1/22/1997	3-Nitroaniline	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-01-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-01-2	1/22/1997	4-Bromophenyl Phenyl Ether	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-01-2	1/22/1997	4-Chloro-3-Methylphenol	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-2	1/22/1997	4-Chloroaniline	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-01-2	1/22/1997	4-Chlorophenyl Phenyl Ether	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-01-2	1/22/1997	4-Methylphenol (P-Cresol)	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-2	1/22/1997	4-Nitroaniline	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-01-2	1/22/1997	4-Nitrophenol	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-01-2	1/22/1997	Acenaphthene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-01-2	1/22/1997	Acenaphthylene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-01-2	1/22/1997	Acetaldehyde	5400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-01-2	1/22/1997	Acetone	21	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-01-2	1/22/1997	Anthracene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-01-2	1/22/1997	Antimony	2.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-01-2	1/22/1997	Arsenic	2.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-01-2	1/22/1997	Barium	21.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-01-2	1/22/1997	Benzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-01-2	1/22/1997	Benzo(A)Anthracene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-01-2	1/22/1997	Benzo(B)Fluoranthene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-01-2	1/22/1997	Benzo(G,H,I)Perylene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-01-2	1/22/1997	Benzo(K)Fluoranthene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-01-2	1/22/1997	Benzo[A]Pyrene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-01-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-01-2	1/22/1997	Bis(2-Chloroethoxy)Methane	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-01-2	1/22/1997	Bis(2-Chloroethyl)Ether	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-01-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-01-2	1/22/1997	Bromodichloromethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-01-2	1/22/1997	Bromoform	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-01-2	1/22/1997	Butyl Benzyl Phthalate	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-01-2	1/22/1997	Cadmium	0.43	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-01-2	1/22/1997	Carbazole	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-01-2	1/22/1997	Carbon Disulfide	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-01-2	1/22/1997	Carbon Tetrachloride	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-01-2	1/22/1997	Chlorobenzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-01-2	1/22/1997	Chlorodibromomethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-01-2	1/22/1997	Chloroform	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-01-2	1/22/1997	Chromium	3.1	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-01-2	1/22/1997	Chrysene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-01-2	1/22/1997	cis-1,2 Dichloroethene	2.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-01-2	1/22/1997	cis-1,3-Dichloropropene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-01-2	1/22/1997	Dibenz(A,H)Anthracene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-01-2	1/22/1997	Dibenzofuran	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-01-2	1/22/1997	Diethyl Phthalate	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-01-2	1/22/1997	Diethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-01-2	1/22/1997	Dimethyl Phthalate	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-01-2	1/22/1997	Dimethyl Terephthalate	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-01-2	1/22/1997	Di-N-Butyl Phthalate	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-2	1/22/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-01-2	1/22/1997	Ethylbenzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-01-2	1/22/1997	Ethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-01-2	1/22/1997	Fluoranthene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-01-2	1/22/1997	Fluorene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-01-2	1/22/1997	Hexachlorobenzene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-01-2	1/22/1997	Hexachlorobutadiene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-01-2	1/22/1997	Hexachlorocyclopentadiene	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-01-2	1/22/1997	Hexachloroethane	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-01-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-01-2	1/22/1997	Isophorone	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-01-2	1/22/1997	Lead	2.2	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-01-2	1/22/1997	Manganese	30.2	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-01-2	1/22/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-01-2	1/22/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-01-2	1/22/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-01-2	1/22/1997	Methyl Ethyl Ketone	21	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-01-2	1/22/1997	Methyl Isobutyl Ketone	21	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-01-2	1/22/1997	Methylene Chloride	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-01-2	1/22/1997	Naphthalene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-01-2	1/22/1997	N-Dioctyl Phthalate	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-01-2	1/22/1997	Nitrobenzene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-01-2	1/22/1997	N-Nitrosodi-N-Propylamine	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-01-2	1/22/1997	N-Nitrosodiphenylamine	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-01-2	1/22/1997	Pentachlorophenol	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-01-2	1/22/1997	Phenanthrene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-01-2	1/22/1997	Phenol	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-01-2	1/22/1997	Pyrene	350	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-01-2	1/22/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-01-2	1/22/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-01-2	1/22/1997	Styrene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-01-2	1/22/1997	Tetrachloroethene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-01-2	1/22/1997	Toluene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-01-2	1/22/1997	trans-1,2-Dichloroethene	2.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-01-2	1/22/1997	trans-1,3-Dichloropropene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-01-2	1/22/1997	Trichloroethene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-01-2	1/22/1997	Triethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-01-2	1/22/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-01-2	1/22/1997	Xylenes	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-02-2	1/22/1997	1,1,1-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-02-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-02-2	1/22/1997	1,1,2-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-02-2	1/22/1997	1,1-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-02-2	1/22/1997	1,1-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-02-2	1/22/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-02-2	1/22/1997	1,2-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-02-2	1/22/1997	1,2-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-02-2	1/22/1997	1,2-Dichloropropane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-02-2	1/22/1997	1,3-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-02-2	1/22/1997	1,4-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-02-2	1/22/1997	2,4,5-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-2	1/22/1997	2,4,6-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-02-2	1/22/1997	2,4-Dichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-02-2	1/22/1997	2,4-Dimethylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-02-2	1/22/1997	2,4-Dinitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-02-2	1/22/1997	2,4-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-02-2	1/22/1997	2,6-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-02-2	1/22/1997	2-Chloronaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-02-2	1/22/1997	2-Chlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-02-2	1/22/1997	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-02-2	1/22/1997	2-Methylnaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-02-2	1/22/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-2	1/22/1997	2-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-02-2	1/22/1997	2-Nitrophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-02-2	1/22/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-02-2	1/22/1997	3-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-02-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-02-2	1/22/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-02-2	1/22/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-2	1/22/1997	4-Chloroaniline	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-02-2	1/22/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-02-2	1/22/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-2	1/22/1997	4-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-02-2	1/22/1997	4-Nitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-02-2	1/22/1997	Acenaphthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-02-2	1/22/1997	Acenaphthylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-02-2	1/22/1997	Acetaldehyde	5700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-02-2	1/22/1997	Acetone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-02-2	1/22/1997	Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-02-2	1/22/1997	Antimony	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-02-2	1/22/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-02-2	1/22/1997	Barium	22.8	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-02-2	1/22/1997	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-02-2	1/22/1997	Benzo(A)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-02-2	1/22/1997	Benzo(B)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-02-2	1/22/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-02-2	1/22/1997	Benzo(K)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-02-2	1/22/1997	Benzo[A]Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-02-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-02-2	1/22/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-02-2	1/22/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-02-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-02-2	1/22/1997	Bromodichloromethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-02-2	1/22/1997	Bromoform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-02-2	1/22/1997	Butyl Benzyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-02-2	1/22/1997	Cadmium	0.46	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-02-2	1/22/1997	Carbazole	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-02-2	1/22/1997	Carbon Disulfide	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-02-2	1/22/1997	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-02-2	1/22/1997	Chlorobenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-02-2	1/22/1997	Chlorodibromomethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-02-2	1/22/1997	Chloroform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-02-2	1/22/1997	Chromium	7	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-02-2	1/22/1997	Chrysene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-02-2	1/22/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-02-2	1/22/1997	cis-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-02-2	1/22/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-02-2	1/22/1997	Dibenzofuran	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-02-2	1/22/1997	Diethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-02-2	1/22/1997	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-02-2	1/22/1997	Dimethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-02-2	1/22/1997	Dimethyl Terephthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-02-2	1/22/1997	Di-N-Butyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-2	1/22/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-02-2	1/22/1997	Ethylbenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-02-2	1/22/1997	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-02-2	1/22/1997	Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-02-2	1/22/1997	Fluorene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-02-2	1/22/1997	Hexachlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-02-2	1/22/1997	Hexachlorobutadiene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-02-2	1/22/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-02-2	1/22/1997	Hexachloroethane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-02-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-02-2	1/22/1997	Isophorone	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-02-2	1/22/1997	Lead	2.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-02-2	1/22/1997	Manganese	24.9	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-02-2	1/22/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-02-2	1/22/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-02-2	1/22/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-02-2	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-02-2	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-02-2	1/22/1997	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-02-2	1/22/1997	Naphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-02-2	1/22/1997	N-Dioctyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-02-2	1/22/1997	Nitrobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-02-2	1/22/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-02-2	1/22/1997	N-Nitrosodiphenylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-02-2	1/22/1997	Pentachlorophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-02-2	1/22/1997	Phenanthrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-02-2	1/22/1997	Phenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-02-2	1/22/1997	Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-02-2	1/22/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-02-2	1/22/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-02-2	1/22/1997	Styrene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-02-2	1/22/1997	Tetrachloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-02-2	1/22/1997	Toluene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-02-2	1/22/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-02-2	1/22/1997	trans-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-02-2	1/22/1997	Trichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-02-2	1/22/1997	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-02-2	1/22/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-02-2	1/22/1997	Xylenes	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-03-2	1/22/1997	1,1,1-Trichloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-03-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-03-2	1/22/1997	1,1,2-Trichloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-03-2	1/22/1997	1,1-Dichloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-03-2	1/22/1997	1,1-Dichloroethene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-03-2	1/22/1997	1,2,4-Trichlorobenzene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-03-2	1/22/1997	1,2-Dichlorobenzene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-03-2	1/22/1997	1,2-Dichloroethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-03-2	1/22/1997	1,2-Dichloropropane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-03-2	1/22/1997	1,3-Dichlorobenzene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-03-2	1/22/1997	1,4-Dichlorobenzene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-03-2	1/22/1997	2,4,5-Trichlorophenol	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-2	1/22/1997	2,4,6-Trichlorophenol	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-03-2	1/22/1997	2,4-Dichlorophenol	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-03-2	1/22/1997	2,4-Dimethylphenol	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-03-2	1/22/1997	2,4-Dinitrophenol	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-03-2	1/22/1997	2,4-Dinitrotoluene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-03-2	1/22/1997	2,6-Dinitrotoluene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-03-2	1/22/1997	2-Chloronaphthalene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-03-2	1/22/1997	2-Chlorophenol	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-03-2	1/22/1997	2-Hexanone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-03-2	1/22/1997	2-Methylnaphthalene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-03-2	1/22/1997	2-Methylphenol (O-Cresol)	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-2	1/22/1997	2-Nitroaniline	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-03-2	1/22/1997	2-Nitrophenol	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-03-2	1/22/1997	3,3'-Dichlorobenzidine	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-03-2	1/22/1997	3-Nitroaniline	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-03-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-03-2	1/22/1997	4-Bromophenyl Phenyl Ether	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-03-2	1/22/1997	4-Chloro-3-Methylphenol	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-2	1/22/1997	4-Chloroaniline	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-03-2	1/22/1997	4-Chlorophenyl Phenyl Ether	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-03-2	1/22/1997	4-Methylphenol (P-Cresol)	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-2	1/22/1997	4-Nitroaniline	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-03-2	1/22/1997	4-Nitrophenol	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-03-2	1/22/1997	Acenaphthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-03-2	1/22/1997	Acenaphthylene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-03-2	1/22/1997	Acetaldehyde	5400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-03-2	1/22/1997	Acetone	65	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-03-2	1/22/1997	Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-03-2	1/22/1997	Antimony	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-03-2	1/22/1997	Arsenic	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-03-2	1/22/1997	Barium	21.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-03-2	1/22/1997	Benzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-03-2	1/22/1997	Benzo(A)Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-03-2	1/22/1997	Benzo(B)Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-03-2	1/22/1997	Benzo(G,H,I)Perylene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-03-2	1/22/1997	Benzo(K)Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-03-2	1/22/1997	Benzo[A]Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-03-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-03-2	1/22/1997	Bis(2-Chloroethoxy)Methane	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-03-2	1/22/1997	Bis(2-Chloroethyl)Ether	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-03-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-03-2	1/22/1997	Bromodichloromethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-03-2	1/22/1997	Bromoform	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-03-2	1/22/1997	Butyl Benzyl Phthalate	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-03-2	1/22/1997	Cadmium	0.43	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-03-2	1/22/1997	Carbazole	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-03-2	1/22/1997	Carbon Disulfide	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-03-2	1/22/1997	Carbon Tetrachloride	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-03-2	1/22/1997	Chlorobenzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-03-2	1/22/1997	Chlorodibromomethane	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-03-2	1/22/1997	Chloroform	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-03-2	1/22/1997	Chromium	3.2	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-03-2	1/22/1997	Chrysene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-03-2	1/22/1997	cis-1,2 Dichloroethene	2.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-03-2	1/22/1997	cis-1,3-Dichloropropene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-03-2	1/22/1997	Dibenz(A,H)Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-03-2	1/22/1997	Dibenzofuran	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-03-2	1/22/1997	Diethyl Phthalate	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-03-2	1/22/1997	Diethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-03-2	1/22/1997	Dimethyl Phthalate	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-03-2	1/22/1997	Dimethyl Terephthalate	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-03-2	1/22/1997	Di-N-Butyl Phthalate	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-2	1/22/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-03-2	1/22/1997	Ethylbenzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-03-2	1/22/1997	Ethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-03-2	1/22/1997	Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-03-2	1/22/1997	Fluorene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-03-2	1/22/1997	Hexachlorobenzene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-03-2	1/22/1997	Hexachlorobutadiene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-03-2	1/22/1997	Hexachlorocyclopentadiene	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-03-2	1/22/1997	Hexachloroethane	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-03-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-03-2	1/22/1997	Isophorone	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-03-2	1/22/1997	Lead	2	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-03-2	1/22/1997	Manganese	17.7	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-03-2	1/22/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-03-2	1/22/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-03-2	1/22/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-03-2	1/22/1997	Methyl Ethyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-03-2	1/22/1997	Methyl Isobutyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-03-2	1/22/1997	Methylene Chloride	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-03-2	1/22/1997	Naphthalene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-03-2	1/22/1997	N-Dioctyl Phthalate	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-03-2	1/22/1997	Nitrobenzene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-03-2	1/22/1997	N-Nitrosodi-N-Propylamine	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-03-2	1/22/1997	N-Nitrosodiphenylamine	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-03-2	1/22/1997	Pentachlorophenol	1700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-03-2	1/22/1997	Phenanthrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-03-2	1/22/1997	Phenol	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-03-2	1/22/1997	Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-03-2	1/22/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-03-2	1/22/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-03-2	1/22/1997	Styrene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-03-2	1/22/1997	Tetrachloroethene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-03-2	1/22/1997	Toluene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-03-2	1/22/1997	trans-1,2-Dichloroethene	2.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-03-2	1/22/1997	trans-1,3-Dichloropropene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-03-2	1/22/1997	Trichloroethene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-03-2	1/22/1997	Triethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-03-2	1/22/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-03-2	1/22/1997	Xylenes	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-04-2	1/22/1997	1,1,1-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-04-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-04-2	1/22/1997	1,1,2-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-04-2	1/22/1997	1,1-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-04-2	1/22/1997	1,1-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-04-2	1/22/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-04-2	1/22/1997	1,2-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-04-2	1/22/1997	1,2-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-04-2	1/22/1997	1,2-Dichloropropane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-04-2	1/22/1997	1,3-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-04-2	1/22/1997	1,4-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-04-2	1/22/1997	2,4,5-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-2	1/22/1997	2,4,6-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-04-2	1/22/1997	2,4-Dichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-04-2	1/22/1997	2,4-Dimethylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-04-2	1/22/1997	2,4-Dinitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-04-2	1/22/1997	2,4-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-04-2	1/22/1997	2,6-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-04-2	1/22/1997	2-Chloronaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-04-2	1/22/1997	2-Chlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-04-2	1/22/1997	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-04-2	1/22/1997	2-Methylnaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-04-2	1/22/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-2	1/22/1997	2-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-04-2	1/22/1997	2-Nitrophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-04-2	1/22/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-04-2	1/22/1997	3-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-04-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-04-2	1/22/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-04-2	1/22/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-2	1/22/1997	4-Chloroaniline	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-04-2	1/22/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-04-2	1/22/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-2	1/22/1997	4-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-04-2	1/22/1997	4-Nitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-04-2	1/22/1997	Acenaphthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-04-2	1/22/1997	Acenaphthylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-04-2	1/22/1997	Acetaldehyde	5700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-04-2	1/22/1997	Acetone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-04-2	1/22/1997	Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-04-2	1/22/1997	Antimony	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-04-2	1/22/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-04-2	1/22/1997	Barium	22.7	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-04-2	1/22/1997	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-04-2	1/22/1997	Benzo(A)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-04-2	1/22/1997	Benzo(B)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-04-2	1/22/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-04-2	1/22/1997	Benzo(K)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-04-2	1/22/1997	Benzo[A]Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-04-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-04-2	1/22/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-04-2	1/22/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-04-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-04-2	1/22/1997	Bromodichloromethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-04-2	1/22/1997	Bromoform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-04-2	1/22/1997	Butyl Benzyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-04-2	1/22/1997	Cadmium	0.45	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-04-2	1/22/1997	Carbazole	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-04-2	1/22/1997	Carbon Disulfide	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-04-2	1/22/1997	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-04-2	1/22/1997	Chlorobenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-04-2	1/22/1997	Chlorodibromomethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-04-2	1/22/1997	Chloroform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-04-2	1/22/1997	Chromium	3.1	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-04-2	1/22/1997	Chrysene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-04-2	1/22/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-04-2	1/22/1997	cis-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-04-2	1/22/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-04-2	1/22/1997	Dibenzofuran	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-04-2	1/22/1997	Diethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-04-2	1/22/1997	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-04-2	1/22/1997	Dimethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-04-2	1/22/1997	Dimethyl Terephthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-04-2	1/22/1997	Di-N-Butyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-2	1/22/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-04-2	1/22/1997	Ethylbenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-04-2	1/22/1997	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-04-2	1/22/1997	Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-04-2	1/22/1997	Fluorene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-04-2	1/22/1997	Hexachlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-04-2	1/22/1997	Hexachlorobutadiene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-04-2	1/22/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-04-2	1/22/1997	Hexachloroethane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-04-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-04-2	1/22/1997	Isophorone	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-04-2	1/22/1997	Lead	2.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-04-2	1/22/1997	Manganese	10.9	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-04-2	1/22/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-04-2	1/22/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-04-2	1/22/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-04-2	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-04-2	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-04-2	1/22/1997	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-04-2	1/22/1997	Naphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-04-2	1/22/1997	N-Dioctyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-04-2	1/22/1997	Nitrobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-04-2	1/22/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-04-2	1/22/1997	N-Nitrosodiphenylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-04-2	1/22/1997	Pentachlorophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-04-2	1/22/1997	Phenanthrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-04-2	1/22/1997	Phenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-04-2	1/22/1997	Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-04-2	1/22/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-04-2	1/22/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-04-2	1/22/1997	Styrene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-04-2	1/22/1997	Tetrachloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-04-2	1/22/1997	Toluene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-04-2	1/22/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-04-2	1/22/1997	trans-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-04-2	1/22/1997	Trichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-04-2	1/22/1997	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-04-2	1/22/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-04-2	1/22/1997	Xylenes	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-05-2	1/22/1997	1,1,1-Trichloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-05-2	1/22/1997	1,1,2,2-Tetrachloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-05-2	1/22/1997	1,1,2-Trichloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-05-2	1/22/1997	1,1-Dichloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-05-2	1/22/1997	1,1-Dichloroethene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-05-2	1/22/1997	1,2,4-Trichlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-05-2	1/22/1997	1,2-Dichlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-05-2	1/22/1997	1,2-Dichloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-05-2	1/22/1997	1,2-Dichloropropane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-05-2	1/22/1997	1,3-Dichlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-05-2	1/22/1997	1,4-Dichlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-05-2	1/22/1997	2,4,5-Trichlorophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-2	1/22/1997	2,4,6-Trichlorophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-05-2	1/22/1997	2,4-Dichlorophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-05-2	1/22/1997	2,4-Dimethylphenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-05-2	1/22/1997	2,4-Dinitrophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-05-2	1/22/1997	2,4-Dinitrotoluene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-05-2	1/22/1997	2,6-Dinitrotoluene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-05-2	1/22/1997	2-Chloronaphthalene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-05-2	1/22/1997	2-Chlorophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-05-2	1/22/1997	2-Hexanone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-05-2	1/22/1997	2-Methylnaphthalene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-05-2	1/22/1997	2-Methylphenol (O-Cresol)	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-2	1/22/1997	2-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-05-2	1/22/1997	2-Nitrophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-05-2	1/22/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-05-2	1/22/1997	3-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-05-2	1/22/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-05-2	1/22/1997	4-Bromophenyl Phenyl Ether	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-05-2	1/22/1997	4-Chloro-3-Methylphenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-2	1/22/1997	4-Chloroaniline	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-05-2	1/22/1997	4-Chlorophenyl Phenyl Ether	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-05-2	1/22/1997	4-Methylphenol (P-Cresol)	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-2	1/22/1997	4-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-05-2	1/22/1997	4-Nitrophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-05-2	1/22/1997	Acenaphthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-05-2	1/22/1997	Acenaphthylene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-05-2	1/22/1997	Acetaldehyde	6200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-05-2	1/22/1997	Acetone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-05-2	1/22/1997	Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-05-2	1/22/1997	Antimony	2.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-05-2	1/22/1997	Arsenic	2.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-05-2	1/22/1997	Barium	24.8	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-05-2	1/22/1997	Benzene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-05-2	1/22/1997	Benzo(A)Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-05-2	1/22/1997	Benzo(B)Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100

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Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-05-2	1/22/1997	Benzo(G,H,I)Perylene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-05-2	1/22/1997	Benzo(K)Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-05-2	1/22/1997	Benzo[A]Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-05-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-05-2	1/22/1997	Bis(2-Chloroethoxy)Methane	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-05-2	1/22/1997	Bis(2-Chloroethyl)Ether	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-05-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-05-2	1/22/1997	Bromodichloromethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-05-2	1/22/1997	Bromoform	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-05-2	1/22/1997	Butyl Benzyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-05-2	1/22/1997	Cadmium	0.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-05-2	1/22/1997	Carbazole	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-05-2	1/22/1997	Carbon Disulfide	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-05-2	1/22/1997	Carbon Tetrachloride	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-05-2	1/22/1997	Chlorobenzene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-05-2	1/22/1997	Chlorodibromomethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-05-2	1/22/1997	Chloroform	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-05-2	1/22/1997	Chromium	22.5	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-05-2	1/22/1997	Chrysene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-05-2	1/22/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-05-2	1/22/1997	cis-1,3-Dichloropropene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-05-2	1/22/1997	Dibenz(A,H)Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-05-2	1/22/1997	Dibenzofuran	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-05-2	1/22/1997	Diethyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-05-2	1/22/1997	Diethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-05-2	1/22/1997	Dimethyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-05-2	1/22/1997	Dimethyl Terephthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-05-2	1/22/1997	Di-N-Butyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-2	1/22/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-05-2	1/22/1997	Ethylbenzene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-05-2	1/22/1997	Ethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-05-2	1/22/1997	Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-05-2	1/22/1997	Fluorene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-05-2	1/22/1997	Hexachlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-05-2	1/22/1997	Hexachlorobutadiene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-05-2	1/22/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-05-2	1/22/1997	Hexachloroethane	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-05-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-05-2	1/22/1997	Isophorone	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-05-2	1/22/1997	Lead	3.1	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-05-2	1/22/1997	Manganese	19.6	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-05-2	1/22/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-05-2	1/22/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-05-2	1/22/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-05-2	1/22/1997	Methyl Ethyl Ketone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-05-2	1/22/1997	Methyl Isobutyl Ketone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-05-2	1/22/1997	Methylene Chloride	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-05-2	1/22/1997	Naphthalene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-05-2	1/22/1997	N-Dioctyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-05-2	1/22/1997	Nitrobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-05-2	1/22/1997	N-Nitrosodi-N-Propylamine	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-05-2	1/22/1997	N-Nitrosodiphenylamine	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-05-2	1/22/1997	Pentachlorophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-05-2	1/22/1997	Phenanthrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-05-2	1/22/1997	Phenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-05-2	1/22/1997	Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-05-2	1/22/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-05-2	1/22/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-05-2	1/22/1997	Styrene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-05-2	1/22/1997	Tetrachloroethene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-05-2	1/22/1997	Toluene	12	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-05-2	1/22/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-05-2	1/22/1997	trans-1,3-Dichloropropene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-05-2	1/22/1997	Trichloroethene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-05-2	1/22/1997	Triethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-05-2	1/22/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-05-2	1/22/1997	Xylenes	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-06-2	1/22/1997	1,1,1-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-06-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-06-2	1/22/1997	1,1,2-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-06-2	1/22/1997	1,1-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-06-2	1/22/1997	1,1-Dichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-06-2	1/22/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-06-2	1/22/1997	1,2-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-06-2	1/22/1997	1,2-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-06-2	1/22/1997	1,2-Dichloropropane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-06-2	1/22/1997	1,3-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-06-2	1/22/1997	1,4-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-06-2	1/22/1997	2,4,5-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-2	1/22/1997	2,4,6-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-06-2	1/22/1997	2,4-Dichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-06-2	1/22/1997	2,4-Dimethylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-06-2	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-06-2	1/22/1997	2,4-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-06-2	1/22/1997	2,6-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-06-2	1/22/1997	2-Chloronaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-06-2	1/22/1997	2-Chlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-06-2	1/22/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-06-2	1/22/1997	2-Methylnaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-06-2	1/22/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-2	1/22/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-06-2	1/22/1997	2-Nitrophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-06-2	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-06-2	1/22/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-06-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-06-2	1/22/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-06-2	1/22/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-2	1/22/1997	4-Chloroaniline	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-06-2	1/22/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-06-2	1/22/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-2	1/22/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-06-2	1/22/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-06-2	1/22/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-06-2	1/22/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-06-2	1/22/1997	Acetaldehyde	5900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-06-2	1/22/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-06-2	1/22/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-06-2	1/22/1997	Antimony	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-06-2	1/22/1997	Arsenic	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-06-2	1/22/1997	Barium	26.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-06-2	1/22/1997	Benzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-06-2	1/22/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-06-2	1/22/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-06-2	1/22/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-06-2	1/22/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-06-2	1/22/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-06-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-06-2	1/22/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-06-2	1/22/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-06-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-06-2	1/22/1997	Bromodichloromethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-06-2	1/22/1997	Bromoform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-06-2	1/22/1997	Butyl Benzyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-06-2	1/22/1997	Cadmium	0.47	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-06-2	1/22/1997	Carbazole	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-06-2	1/22/1997	Carbon Disulfide	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-06-2	1/22/1997	Carbon Tetrachloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-06-2	1/22/1997	Chlorobenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-06-2	1/22/1997	Chlorodibromomethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-06-2	1/22/1997	Chloroform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-06-2	1/22/1997	Chromium	17.4	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-06-2	1/22/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-06-2	1/22/1997	cis-1,2 Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-06-2	1/22/1997	cis-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-06-2	1/22/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-06-2	1/22/1997	Dibenzofuran	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-06-2	1/22/1997	Diethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-06-2	1/22/1997	Diethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-06-2	1/22/1997	Dimethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-06-2	1/22/1997	Dimethyl Terephthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-06-2	1/22/1997	Di-N-Butyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-2	1/22/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-06-2	1/22/1997	Ethylbenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-06-2	1/22/1997	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-06-2	1/22/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-06-2	1/22/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-06-2	1/22/1997	Hexachlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-06-2	1/22/1997	Hexachlorobutadiene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-06-2	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-06-2	1/22/1997	Hexachloroethane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-06-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-06-2	1/22/1997	Isophorone	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-06-2	1/22/1997	Lead	4.9	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-06-2	1/22/1997	Manganese	21.4	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-06-2	1/22/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-06-2	1/22/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-06-2	1/22/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-06-2	1/22/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-06-2	1/22/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-06-2	1/22/1997	Methylene Chloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-06-2	1/22/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-06-2	1/22/1997	N-Dioctyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-06-2	1/22/1997	Nitrobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-06-2	1/22/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-06-2	1/22/1997	N-Nitrosodiphenylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-06-2	1/22/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-06-2	1/22/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-06-2	1/22/1997	Phenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-06-2	1/22/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-06-2	1/22/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-06-2	1/22/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-06-2	1/22/1997	Styrene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-06-2	1/22/1997	Tetrachloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-06-2	1/22/1997	Toluene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-06-2	1/22/1997	trans-1,2-Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-06-2	1/22/1997	trans-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-06-2	1/22/1997	Trichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-06-2	1/22/1997	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-06-2	1/22/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-06-2	1/22/1997	Xylenes	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-07-2	1/23/1997	1,1,1-Trichloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-07-2	1/23/1997	1,1,2,2-Tetrachloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-07-2	1/23/1997	1,1,2-Trichloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-07-2	1/23/1997	1,1-Dichloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-07-2	1/23/1997	1,1-Dichloroethene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-07-2	1/23/1997	1,2,4-Trichlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-07-2	1/23/1997	1,2-Dichlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-07-2	1/23/1997	1,2-Dichloroethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-07-2	1/23/1997	1,2-Dichloropropane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-07-2	1/23/1997	1,3-Dichlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-07-2	1/23/1997	1,4-Dichlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-07-2	1/23/1997	2,4,5-Trichlorophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-2	1/23/1997	2,4,6-Trichlorophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-07-2	1/23/1997	2,4-Dichlorophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-07-2	1/23/1997	2,4-Dimethylphenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-07-2	1/23/1997	2,4-Dinitrophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-07-2	1/23/1997	2,4-Dinitrotoluene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-07-2	1/23/1997	2,6-Dinitrotoluene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-07-2	1/23/1997	2-Chloronaphthalene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-07-2	1/23/1997	2-Chlorophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-07-2	1/23/1997	2-Hexanone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-07-2	1/23/1997	2-Methylnaphthalene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-07-2	1/23/1997	2-Methylphenol (O-Cresol)	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-2	1/23/1997	2-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-07-2	1/23/1997	2-Nitrophenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-07-2	1/23/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-07-2	1/23/1997	3-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-07-2	1/23/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-07-2	1/23/1997	4-Bromophenyl Phenyl Ether	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-07-2	1/23/1997	4-Chloro-3-Methylphenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-2	1/23/1997	4-Chloroaniline	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-07-2	1/23/1997	4-Chlorophenyl Phenyl Ether	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-07-2	1/23/1997	4-Methylphenol (P-Cresol)	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-2	1/23/1997	4-Nitroaniline	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-07-2	1/23/1997	4-Nitrophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-07-2	1/23/1997	Acenaphthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-07-2	1/23/1997	Acenaphthylene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-07-2	1/23/1997	Acetaldehyde	6200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-07-2	1/23/1997	Acetone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-07-2	1/23/1997	Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-07-2	1/23/1997	Antimony	2.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-07-2	1/23/1997	Arsenic	2.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-07-2	1/23/1997	Barium	25	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-07-2	1/23/1997	Benzene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-07-2	1/23/1997	Benzo(A)Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-07-2	1/23/1997	Benzo(B)Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-07-2	1/23/1997	Benzo(G,H,I)Perylene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-07-2	1/23/1997	Benzo(K)Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-07-2	1/23/1997	Benzo[A]Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-07-2	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-07-2	1/23/1997	Bis(2-Chloroethoxy)Methane	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-07-2	1/23/1997	Bis(2-Chloroethyl)Ether	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-07-2	1/23/1997	Bis(2-Ethylhexyl)Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-07-2	1/23/1997	Bromodichloromethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-07-2	1/23/1997	Bromoform	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-07-2	1/23/1997	Butyl Benzyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-07-2	1/23/1997	Cadmium	0.5	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-07-2	1/23/1997	Carbazole	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-07-2	1/23/1997	Carbon Disulfide	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-07-2	1/23/1997	Carbon Tetrachloride	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-07-2	1/23/1997	Chlorobenzene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-07-2	1/23/1997	Chlorodibromomethane	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-07-2	1/23/1997	Chloroform	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-07-2	1/23/1997	Chromium	55.2	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-07-2	1/23/1997	Chrysene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-07-2	1/23/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-07-2	1/23/1997	cis-1,3-Dichloropropene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-07-2	1/23/1997	Dibenz(A,H)Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX A
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-07-2	1/23/1997	Dibenzofuran	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-07-2	1/23/1997	Diethyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-07-2	1/23/1997	Diethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-07-2	1/23/1997	Dimethyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-07-2	1/23/1997	Dimethyl Terephthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-07-2	1/23/1997	Di-N-Butyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-2	1/23/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-07-2	1/23/1997	Ethylbenzene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-07-2	1/23/1997	Ethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-07-2	1/23/1997	Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-07-2	1/23/1997	Fluorene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-07-2	1/23/1997	Hexachlorobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-07-2	1/23/1997	Hexachlorobutadiene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-07-2	1/23/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-07-2	1/23/1997	Hexachloroethane	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-07-2	1/23/1997	Indeno (1,2,3-CD) Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-07-2	1/23/1997	Isophorone	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-07-2	1/23/1997	Lead	5.1	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-07-2	1/23/1997	Manganese	52.7	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-07-2	1/23/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-07-2	1/23/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-07-2	1/23/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-07-2	1/23/1997	Methyl Ethyl Ketone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-07-2	1/23/1997	Methyl Isobutyl Ketone	25	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-07-2	1/23/1997	Methylene Chloride	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-07-2	1/23/1997	Naphthalene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-07-2	1/23/1997	N-Dioctyl Phthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-07-2	1/23/1997	Nitrobenzene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-07-2	1/23/1997	N-Nitrosodi-N-Propylamine	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-07-2	1/23/1997	N-Nitrosodiphenylamine	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-07-2	1/23/1997	Pentachlorophenol	2000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-07-2	1/23/1997	Phenanthrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-07-2	1/23/1997	Phenol	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-07-2	1/23/1997	Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-07-2	1/23/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-07-2	1/23/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-07-2	1/23/1997	Styrene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-07-2	1/23/1997	Tetrachloroethene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-07-2	1/23/1997	Toluene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-07-2	1/23/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-07-2	1/23/1997	trans-1,3-Dichloropropene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-07-2	1/23/1997	Trichloroethene	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-07-2	1/23/1997	Triethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-07-2	1/23/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-07-2	1/23/1997	Xylenes	6.2	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-08-2	1/23/1997	1,1,1-Trichloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-08-2	1/23/1997	1,1,2,2-Tetrachloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-08-2	1/23/1997	1,1,2-Trichloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-08-2	1/23/1997	1,1-Dichloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-08-2	1/23/1997	1,1-Dichloroethene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-08-2	1/23/1997	1,2,4-Trichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-08-2	1/23/1997	1,2-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-08-2	1/23/1997	1,2-Dichloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-08-2	1/23/1997	1,2-Dichloropropane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-08-2	1/23/1997	1,3-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-08-2	1/23/1997	1,4-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-08-2	1/23/1997	2,4,5-Trichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-2	1/23/1997	2,4,6-Trichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-08-2	1/23/1997	2,4-Dichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-08-2	1/23/1997	2,4-Dimethylphenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-08-2	1/23/1997	2,4-Dinitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-08-2	1/23/1997	2,4-Dinitrotoluene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-08-2	1/23/1997	2,6-Dinitrotoluene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-08-2	1/23/1997	2-Chloronaphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-08-2	1/23/1997	2-Chlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-08-2	1/23/1997	2-Hexanone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-08-2	1/23/1997	2-Methylnaphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-08-2	1/23/1997	2-Methylphenol (O-Cresol)	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-2	1/23/1997	2-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-08-2	1/23/1997	2-Nitrophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-08-2	1/23/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-08-2	1/23/1997	3-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-08-2	1/23/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-08-2	1/23/1997	4-Bromophenyl Phenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-08-2	1/23/1997	4-Chloro-3-Methylphenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-2	1/23/1997	4-Chloroaniline	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-08-2	1/23/1997	4-Chlorophenyl Phenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-08-2	1/23/1997	4-Methylphenol (P-Cresol)	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-2	1/23/1997	4-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-08-2	1/23/1997	4-Nitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-08-2	1/23/1997	Acenaphthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-08-2	1/23/1997	Acenaphthylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-08-2	1/23/1997	Acetaldehyde	5600	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-08-2	1/23/1997	Acetone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-08-2	1/23/1997	Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-08-2	1/23/1997	Antimony	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-08-2	1/23/1997	Arsenic	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-08-2	1/23/1997	Barium	22.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-08-2	1/23/1997	Benzene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-08-2	1/23/1997	Benzo(A)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-08-2	1/23/1997	Benzo(B)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-08-2	1/23/1997	Benzo(G,H,I)Perylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-08-2	1/23/1997	Benzo(K)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-08-2	1/23/1997	Benzo[A]Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-08-2	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-08-2	1/23/1997	Bis(2-Chloroethoxy)Methane	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-08-2	1/23/1997	Bis(2-Chloroethyl)Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-08-2	1/23/1997	Bis(2-Ethylhexyl)Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-08-2	1/23/1997	Bromodichloromethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-08-2	1/23/1997	Bromoform	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-08-2	1/23/1997	Butyl Benzyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-08-2	1/23/1997	Cadmium	0.44	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-08-2	1/23/1997	Carbazole	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-08-2	1/23/1997	Carbon Disulfide	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-08-2	1/23/1997	Carbon Tetrachloride	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-08-2	1/23/1997	Chlorobenzene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-08-2	1/23/1997	Chlorodibromomethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-08-2	1/23/1997	Chloroform	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-08-2	1/23/1997	Chromium	18.7	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-08-2	1/23/1997	Chrysene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-08-2	1/23/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-08-2	1/23/1997	cis-1,3-Dichloropropene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-08-2	1/23/1997	Dibenz(A,H)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-08-2	1/23/1997	Dibenzofuran	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-08-2	1/23/1997	Diethyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-08-2	1/23/1997	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-08-2	1/23/1997	Dimethyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-08-2	1/23/1997	Dimethyl Terephthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-08-2	1/23/1997	Di-N-Butyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-2	1/23/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-08-2	1/23/1997	Ethylbenzene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-08-2	1/23/1997	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-08-2	1/23/1997	Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-08-2	1/23/1997	Fluorene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-08-2	1/23/1997	Hexachlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-08-2	1/23/1997	Hexachlorobutadiene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-08-2	1/23/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-08-2	1/23/1997	Hexachloroethane	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-08-2	1/23/1997	Indeno (1,2,3-CD) Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-08-2	1/23/1997	Isophorone	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-08-2	1/23/1997	Lead	4.2	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-08-2	1/23/1997	Manganese	37.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-08-2	1/23/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-08-2	1/23/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-08-2	1/23/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-08-2	1/23/1997	Methyl Ethyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-08-2	1/23/1997	Methyl Isobutyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-08-2	1/23/1997	Methylene Chloride	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-08-2	1/23/1997	Naphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-08-2	1/23/1997	N-Dioctyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-08-2	1/23/1997	Nitrobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-08-2	1/23/1997	N-Nitrosodi-N-Propylamine	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-08-2	1/23/1997	N-Nitrosodiphenylamine	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-08-2	1/23/1997	Pentachlorophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-08-2	1/23/1997	Phenanthrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-08-2	1/23/1997	Phenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-08-2	1/23/1997	Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-08-2	1/23/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-08-2	1/23/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-08-2	1/23/1997	Styrene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-08-2	1/23/1997	Tetrachloroethene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-08-2	1/23/1997	Toluene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-08-2	1/23/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-08-2	1/23/1997	trans-1,3-Dichloropropene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-08-2	1/23/1997	Trichloroethene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-08-2	1/23/1997	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-08-2	1/23/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-08-2	1/23/1997	Xylenes	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-09-2	1/22/1997	1,1,1-Trichloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-09-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-09-2	1/22/1997	1,1,2-Trichloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-09-2	1/22/1997	1,1-Dichloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-09-2	1/22/1997	1,1-Dichloroethene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-09-2	1/22/1997	1,2,4-Trichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-09-2	1/22/1997	1,2-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-09-2	1/22/1997	1,2-Dichloroethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-09-2	1/22/1997	1,2-Dichloropropane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-09-2	1/22/1997	1,3-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-09-2	1/22/1997	1,4-Dichlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-09-2	1/22/1997	2,4,5-Trichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-09-2	1/22/1997	2,4,6-Trichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-09-2	1/22/1997	2,4-Dichlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-09-2	1/22/1997	2,4-Dimethylphenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-09-2	1/22/1997	2,4-Dinitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-09-2	1/22/1997	2,4-Dinitrotoluene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-09-2	1/22/1997	2,6-Dinitrotoluene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-09-2	1/22/1997	2-Chloronaphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-09-2	1/22/1997	2-Chlorophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-09-2	1/22/1997	2-Hexanone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-09-2	1/22/1997	2-Methylnaphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-09-2	1/22/1997	2-Methylphenol (O-Cresol)	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-09-2	1/22/1997	2-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-09-2	1/22/1997	2-Nitrophenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-09-2	1/22/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-09-2	1/22/1997	3-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-09-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-09-2	1/22/1997	4-Bromophenyl Phenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-09-2	1/22/1997	4-Chloro-3-Methylphenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-09-2	1/22/1997	4-Chloroaniline	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-09-2	1/22/1997	4-Chlorophenyl Phenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-09-2	1/22/1997	4-Methylphenol (P-Cresol)	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-09-2	1/22/1997	4-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-09-2	1/22/1997	4-Nitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-09-2	1/22/1997	Acenaphthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-09-2	1/22/1997	Acenaphthylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-09-2	1/22/1997	Acetaldehyde	5600	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-09-2	1/22/1997	Acetone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-09-2	1/22/1997	Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-09-2	1/22/1997	Antimony	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-09-2	1/22/1997	Arsenic	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-09-2	1/22/1997	Barium	22.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-09-2	1/22/1997	Benzene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-09-2	1/22/1997	Benzo(A)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-09-2	1/22/1997	Benzo(B)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-09-2	1/22/1997	Benzo(G,H,I)Perylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-09-2	1/22/1997	Benzo(K)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-09-2	1/22/1997	Benzo[A]Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-09-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-09-2	1/22/1997	Bis(2-Chloroethoxy)Methane	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-09-2	1/22/1997	Bis(2-Chloroethyl)Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-09-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-09-2	1/22/1997	Bromodichloromethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-09-2	1/22/1997	Bromoform	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-09-2	1/22/1997	Butyl Benzyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-09-2	1/22/1997	Cadmium	0.44	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-09-2	1/22/1997	Carbazole	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-09-2	1/22/1997	Carbon Disulfide	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-09-2	1/22/1997	Carbon Tetrachloride	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-09-2	1/22/1997	Chlorobenzene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-09-2	1/22/1997	Chlorodibromomethane	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-09-2	1/22/1997	Chloroform	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-09-2	1/22/1997	Chromium	3.7	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-09-2	1/22/1997	Chrysene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-09-2	1/22/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-09-2	1/22/1997	cis-1,3-Dichloropropene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-09-2	1/22/1997	Dibenz(A,H)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-09-2	1/22/1997	Dibenzofuran	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-09-2	1/22/1997	Diethyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-09-2	1/22/1997	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-09-2	1/22/1997	Dimethyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-09-2	1/22/1997	Dimethyl Terephthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-09-2	1/22/1997	Di-N-Butyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-09-2	1/22/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-09-2	1/22/1997	Ethylbenzene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-09-2	1/22/1997	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-09-2	1/22/1997	Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-09-2	1/22/1997	Fluorene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-09-2	1/22/1997	Hexachlorobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-09-2	1/22/1997	Hexachlorobutadiene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-09-2	1/22/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-09-2	1/22/1997	Hexachloroethane	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-09-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-09-2	1/22/1997	Isophorone	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-09-2	1/22/1997	Lead	2.2	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-09-2	1/22/1997	Manganese	10.9	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-09-2	1/22/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-09-2	1/22/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-09-2	1/22/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000

APPENDIX A
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-09-2	1/22/1997	Methyl Ethyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-09-2	1/22/1997	Methyl Isobutyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-09-2	1/22/1997	Methylene Chloride	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-09-2	1/22/1997	Naphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-09-2	1/22/1997	N-Dioctyl Phthalate	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-09-2	1/22/1997	Nitrobenzene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-09-2	1/22/1997	N-Nitrosodi-N-Propylamine	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-09-2	1/22/1997	N-Nitrosodiphenylamine	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-09-2	1/22/1997	Pentachlorophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-09-2	1/22/1997	Phenanthrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-09-2	1/22/1997	Phenol	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-09-2	1/22/1997	Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-09-2	1/22/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-09-2	1/22/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-09-2	1/22/1997	Styrene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-09-2	1/22/1997	Tetrachloroethene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-09-2	1/22/1997	Toluene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-09-2	1/22/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-09-2	1/22/1997	trans-1,3-Dichloropropene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-09-2	1/22/1997	Trichloroethene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-09-2	1/22/1997	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-09-2	1/22/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-09-2	1/22/1997	Xylenes	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-10-2	1/23/1997	1,1,1-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-10-2	1/23/1997	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-10-2	1/23/1997	1,1,2-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-10-2	1/23/1997	1,1-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-10-2	1/23/1997	1,1-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-10-2	1/23/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-10-2	1/23/1997	1,2-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-10-2	1/23/1997	1,2-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-10-2	1/23/1997	1,2-Dichloropropane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-10-2	1/23/1997	1,3-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-10-2	1/23/1997	1,4-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-10-2	1/23/1997	2,4,5-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-10-2	1/23/1997	2,4,6-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-10-2	1/23/1997	2,4-Dichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-10-2	1/23/1997	2,4-Dimethylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-10-2	1/23/1997	2,4-Dinitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-10-2	1/23/1997	2,4-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-10-2	1/23/1997	2,6-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-10-2	1/23/1997	2-Chloronaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-10-2	1/23/1997	2-Chlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-10-2	1/23/1997	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-10-2	1/23/1997	2-Methylnaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-10-2	1/23/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-10-2	1/23/1997	2-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-10-2	1/23/1997	2-Nitrophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-10-2	1/23/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-10-2	1/23/1997	3-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-10-2	1/23/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-10-2	1/23/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-10-2	1/23/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-10-2	1/23/1997	4-Chloroaniline	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-10-2	1/23/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-10-2	1/23/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-10-2	1/23/1997	4-Nitroaniline	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-10-2	1/23/1997	4-Nitrophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-10-2	1/23/1997	Acenaphthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-10-2	1/23/1997	Acenaphthylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-10-2	1/23/1997	Acetaldehyde	5700	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-10-2	1/23/1997	Acetone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-10-2	1/23/1997	Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-10-2	1/23/1997	Antimony	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-10-2	1/23/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-10-2	1/23/1997	Barium	22.8	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-10-2	1/23/1997	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-10-2	1/23/1997	Benzo(A)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-10-2	1/23/1997	Benzo(B)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-10-2	1/23/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-10-2	1/23/1997	Benzo(K)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-10-2	1/23/1997	Benzo[A]Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-10-2	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-10-2	1/23/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-10-2	1/23/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-10-2	1/23/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-10-2	1/23/1997	Bromodichloromethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-10-2	1/23/1997	Bromoform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-10-2	1/23/1997	Butyl Benzyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-10-2	1/23/1997	Cadmium	0.46	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-10-2	1/23/1997	Carbazole	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-10-2	1/23/1997	Carbon Disulfide	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-10-2	1/23/1997	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-10-2	1/23/1997	Chlorobenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-10-2	1/23/1997	Chlorodibromomethane	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-10-2	1/23/1997	Chloroform	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-10-2	1/23/1997	Chromium	9.2	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
22-10-2	1/23/1997	Chrysene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-10-2	1/23/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-10-2	1/23/1997	cis-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-10-2	1/23/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-10-2	1/23/1997	Dibenzofuran	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-10-2	1/23/1997	Diethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-10-2	1/23/1997	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-10-2	1/23/1997	Dimethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-10-2	1/23/1997	Dimethyl Terephthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-10-2	1/23/1997	Di-N-Butyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-10-2	1/23/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-10-2	1/23/1997	Ethylbenzene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-10-2	1/23/1997	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-10-2	1/23/1997	Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-10-2	1/23/1997	Fluorene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-10-2	1/23/1997	Hexachlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-10-2	1/23/1997	Hexachlorobutadiene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-10-2	1/23/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-10-2	1/23/1997	Hexachloroethane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-10-2	1/23/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-10-2	1/23/1997	Isophorone	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-10-2	1/23/1997	Lead	2.7	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-10-2	1/23/1997	Manganese	19.9	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-10-2	1/23/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-10-2	1/23/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-10-2	1/23/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-10-2	1/23/1997	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-10-2	1/23/1997	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-10-2	1/23/1997	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-10-2	1/23/1997	Naphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-10-2	1/23/1997	N-Dioctyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-10-2	1/23/1997	Nitrobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-10-2	1/23/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-10-2	1/23/1997	N-Nitrosodiphenylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-10-2	1/23/1997	Pentachlorophenol	1800	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-10-2	1/23/1997	Phenanthrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-10-2	1/23/1997	Phenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07

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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-10-2	1/23/1997	Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-10-2	1/23/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-10-2	1/23/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-10-2	1/23/1997	Styrene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-10-2	1/23/1997	Tetrachloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-10-2	1/23/1997	Toluene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-10-2	1/23/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-10-2	1/23/1997	trans-1,3-Dichloropropene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-10-2	1/23/1997	Trichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-10-2	1/23/1997	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-10-2	1/23/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-10-2	1/23/1997	Xylenes	5.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
56-01-2	1/24/1997	1,1,1-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
56-01-2	1/24/1997	1,1,2,2-Tetrachloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
56-01-2	1/24/1997	1,1,2-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
56-01-2	1/24/1997	1,1-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
56-01-2	1/24/1997	1,1-Dichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
56-01-2	1/24/1997	1,2-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
56-01-2	1/24/1997	1,2-Dichloropropane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
56-01-2	1/24/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
56-01-2	1/24/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
56-01-2	1/24/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
56-01-2	1/24/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
56-01-2	1/24/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
56-01-2	1/24/1997	Arsenic	4.7	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
56-01-2	1/24/1997	Barium	298	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
56-01-2	1/24/1997	Benzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
56-01-2	1/24/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-01-2	1/24/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-01-2	1/24/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
56-01-2	1/24/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
56-01-2	1/24/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
56-01-2	1/24/1997	Bromodichloromethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
56-01-2	1/24/1997	Bromoform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
56-01-2	1/24/1997	Cadmium	0.94	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
56-01-2	1/24/1997	Carbon Disulfide	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
56-01-2	1/24/1997	Carbon Tetrachloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
56-01-2	1/24/1997	Chlorobenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
56-01-2	1/24/1997	Chlorodibromomethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
56-01-2	1/24/1997	Chloroform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
56-01-2	1/24/1997	Chromium	13.7	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
56-01-2	1/24/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
56-01-2	1/24/1997	cis-1,2 Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
56-01-2	1/24/1997	cis-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
56-01-2	1/24/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
56-01-2	1/24/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
56-01-2	1/24/1997	Ethylbenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
56-01-2	1/24/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
56-01-2	1/24/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
56-01-2	1/24/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-01-2	1/24/1997	Lead	5.7	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
56-01-2	1/24/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
56-01-2	1/24/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
56-01-2	1/24/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
56-01-2	1/24/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
56-01-2	1/24/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
56-01-2	1/24/1997	Methylene Chloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
56-01-2	1/24/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
56-01-2	1/24/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
56-01-2	1/24/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
56-01-2	1/24/1997	Selenium	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
56-01-2	1/24/1997	Silver	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
56-01-2	1/24/1997	Styrene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
56-01-2	1/24/1997	Tetrachloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
56-01-2	1/24/1997	Toluene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
56-01-2	1/24/1997	trans-1,2-Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
56-01-2	1/24/1997	trans-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
56-01-2	1/24/1997	Trichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
56-01-2	1/24/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
56-01-2	1/24/1997	Xylenes	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
56-02-2	1/24/1997	1,1,1-Trichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
56-02-2	1/24/1997	1,1,2,2-Tetrachloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
56-02-2	1/24/1997	1,1,2-Trichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
56-02-2	1/24/1997	1,1-Dichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
56-02-2	1/24/1997	1,1-Dichloroethene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
56-02-2	1/24/1997	1,2-Dichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
56-02-2	1/24/1997	1,2-Dichloropropane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
56-02-2	1/24/1997	2-Hexanone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
56-02-2	1/24/1997	Acenaphthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
56-02-2	1/24/1997	Acenaphthylene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
56-02-2	1/24/1997	Acetone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
56-02-2	1/24/1997	Anthracene	850	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
56-02-2	1/24/1997	Benzo(A)Anthracene	2300	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-02-2	1/24/1997	Benzo(B)Fluoranthene	2600	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-02-2	1/24/1997	Benzo[A]Pyrene	2800	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
56-02-2	1/24/1997	Dibenz(A,H)Anthracene	380	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
56-02-2	1/24/1997	Arsenic	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
56-02-2	1/24/1997	Barium	21.9	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
56-02-2	1/24/1997	Benzene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
56-02-2	1/24/1997	Benzo(G,H,I)Perylene	1200	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
56-02-2	1/24/1997	Benzo(K)Fluoranthene	2000	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
56-02-2	1/24/1997	Bromodichloromethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
56-02-2	1/24/1997	Bromoform	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
56-02-2	1/24/1997	Cadmium	0.44	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
56-02-2	1/24/1997	Carbon Disulfide	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
56-02-2	1/24/1997	Carbon Tetrachloride	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
56-02-2	1/24/1997	Chlorobenzene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
56-02-2	1/24/1997	Chlorodibromomethane	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
56-02-2	1/24/1997	Chloroform	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
56-02-2	1/24/1997	Chromium	19	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
56-02-2	1/24/1997	Chrysene	2200	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
56-02-2	1/24/1997	cis-1,2 Dichloroethene	2.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
56-02-2	1/24/1997	cis-1,3-Dichloropropene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
56-02-2	1/24/1997	Ethyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
56-02-2	1/24/1997	Ethylbenzene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
56-02-2	1/24/1997	Fluoranthene	4800	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
56-02-2	1/24/1997	Fluorene	360	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
56-02-2	1/24/1997	Indeno (1,2,3-CD) Pyrene	1100	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-02-2	1/24/1997	Lead	10.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
56-02-2	1/24/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
56-02-2	1/24/1997	Methyl Bromide	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
56-02-2	1/24/1997	Methyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
56-02-2	1/24/1997	Methyl Ethyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
56-02-2	1/24/1997	Methyl Isobutyl Ketone	22	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
56-02-2	1/24/1997	Methylene Chloride	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
56-02-2	1/24/1997	Naphthalene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
56-02-2	1/24/1997	Phenanthrene	3300	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
56-02-2	1/24/1997	Pyrene	3700	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
56-02-2	1/24/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
56-02-2	1/24/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
56-02-2	1/24/1997	Styrene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
56-02-2	1/24/1997	Tetrachloroethene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
56-02-2	1/24/1997	Toluene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
56-02-2	1/24/1997	trans-1,2-Dichloroethene	2.7	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
56-02-2	1/24/1997	trans-1,3-Dichloropropene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
56-02-2	1/24/1997	Trichloroethene	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
56-02-2	1/24/1997	Vinyl Chloride	11	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
56-02-2	1/24/1997	Xylenes	5.5	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
65-01-2	1/24/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
65-01-2	1/24/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
65-01-2	1/24/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
65-01-2	1/24/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-01-2	1/24/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-01-2	1/24/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
65-01-2	1/24/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
65-01-2	1/24/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-01-2	1/24/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
65-01-2	1/24/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-01-2	1/24/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-01-2	1/24/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-01-2	1/24/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-01-2	1/24/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
65-01-2	1/24/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
65-01-2	1/24/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
65-02-2	1/24/1997	Acenaphthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
65-02-2	1/24/1997	Acenaphthylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
65-02-2	1/24/1997	Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
65-02-2	1/24/1997	Benzo(A)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-2	1/24/1997	Benzo(B)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-2	1/24/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
65-02-2	1/24/1997	Benzo(K)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
65-02-2	1/24/1997	Benzo[A]Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-02-2	1/24/1997	Chrysene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
65-02-2	1/24/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-02-2	1/24/1997	Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-02-2	1/24/1997	Fluorene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-02-2	1/24/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-2	1/24/1997	Naphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
65-02-2	1/24/1997	Phenanthrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
65-02-2	1/24/1997	Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
65-03-2	1/27/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
65-03-2	1/27/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
65-03-2	1/27/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
65-03-2	1/27/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-03-2	1/27/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-03-2	1/27/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
65-03-2	1/27/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
65-03-2	1/27/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-03-2	1/27/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
65-03-2	1/27/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-03-2	1/27/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-03-2	1/27/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-03-2	1/27/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-03-2	1/27/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
65-03-2	1/27/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
65-03-2	1/27/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
72-01-2	1/15/1997	1,4-Dioxane	580	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
72-01-2	1/15/1997	1,4-Dioxane	590	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
72-01-2	1/15/1997	Diethylene Glycol	30000	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-01-2	1/15/1997	Diethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-01-2	1/15/1997	Dimethyl Terephthalate	390	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
72-01-2	1/15/1997	Dimethyl Terephthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
72-01-2	1/15/1997	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
72-01-2	1/15/1997	Ethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
72-01-2	1/15/1997	Triethylene Glycol	29000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-01-2	1/15/1997	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
72-02-2	1/15/1997	1,4-Dioxane	600	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
72-02-2	1/15/1997	Diethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-02-2	1/15/1997	Dimethyl Terephthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
72-02-2	1/15/1997	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
72-02-2	1/15/1997	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-03-2	1/15/1997	1,4-Dioxane	610	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
72-03-2	1/15/1997	Diethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-03-2	1/15/1997	Dimethyl Terephthalate	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
72-03-2	1/15/1997	Ethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
72-03-2	1/15/1997	Triethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-01-2	1/24/1997	1,4-Dioxane	580	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
74-01-2	1/24/1997	1,4-Dioxane	630	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
74-01-2	1/24/1997	Acenaphthene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
74-01-2	1/24/1997	Acenaphthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
74-01-2	1/24/1997	Acenaphthylene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
74-01-2	1/24/1997	Acenaphthylene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
74-01-2	1/24/1997	Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
74-01-2	1/24/1997	Anthracene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
74-01-2	1/24/1997	Benzene	6.3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
74-01-2	1/24/1997	Benzene	5.8	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
74-01-2	1/24/1997	Benzo(A)Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-2	1/24/1997	Benzo(A)Anthracene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-2	1/24/1997	Benzo(B)Fluoranthene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-2	1/24/1997	Benzo(B)Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-2	1/24/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
74-01-2	1/24/1997	Benzo(G,H,I)Perylene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
74-01-2	1/24/1997	Benzo(K)Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
74-01-2	1/24/1997	Benzo(K)Fluoranthene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
74-01-2	1/24/1997	Benzo[A]Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-01-2	1/24/1997	Benzo[A]Pyrene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-01-2	1/24/1997	Chrysene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
74-01-2	1/24/1997	Chrysene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
74-01-2	1/24/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-01-2	1/24/1997	Dibenz(A,H)Anthracene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-01-2	1/24/1997	Diethylene Glycol	29000	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-01-2	1/24/1997	Diethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-01-2	1/24/1997	Dimethyl Terephthalate	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
74-01-2	1/24/1997	Dimethyl Terephthalate	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
74-01-2	1/24/1997	Ethylbenzene	5.8	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
74-01-2	1/24/1997	Ethylbenzene	6.3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
74-01-2	1/24/1997	Ethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
74-01-2	1/24/1997	Ethylene Glycol	29000	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
74-01-2	1/24/1997	Fluoranthene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-01-2	1/24/1997	Fluoranthene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-01-2	1/24/1997	Fluorene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-01-2	1/24/1997	Fluorene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-01-2	1/24/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-2	1/24/1997	Indeno (1,2,3-CD) Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-2	1/24/1997	Naphthalene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
74-01-2	1/24/1997	Naphthalene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
74-01-2	1/24/1997	Phenanthrene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
74-01-2	1/24/1997	Phenanthrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
74-01-2	1/24/1997	Pyrene	380	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
74-01-2	1/24/1997	Pyrene	410	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
74-01-2	1/24/1997	Toluene	5.8	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
74-01-2	1/24/1997	Toluene	6.3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
74-01-2	1/24/1997	Triethylene Glycol	31000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-01-2	1/24/1997	Triethylene Glycol	29000	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-01-2	1/24/1997	Xylenes	5.8	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
74-01-2	1/24/1997	Xylenes	6.3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
74-02-2	1/24/1997	1,4-Dioxane	540	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
74-02-2	1/24/1997	Acenaphthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
74-02-2	1/24/1997	Acenaphthylene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
74-02-2	1/24/1997	Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
74-02-2	1/24/1997	Benzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
74-02-2	1/24/1997	Benzo(A)Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-02-2	1/24/1997	Benzo(B)Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-02-2	1/24/1997	Benzo(G,H,I)Perylene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
74-02-2	1/24/1997	Benzo(K)Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
74-02-2	1/24/1997	Benzo[A]Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-02-2	1/24/1997	Chrysene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
74-02-2	1/24/1997	Dibenz(A,H)Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-02-2	1/24/1997	Diethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-02-2	1/24/1997	Dimethyl Terephthalate	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
74-02-2	1/24/1997	Ethylbenzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
74-02-2	1/24/1997	Ethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
74-02-2	1/24/1997	Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-02-2	1/24/1997	Fluorene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-02-2	1/24/1997	Indeno (1,2,3-CD) Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-02-2	1/24/1997	Naphthalene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
74-02-2	1/24/1997	Phenanthrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
74-02-2	1/24/1997	Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
74-02-2	1/24/1997	Toluene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
74-02-2	1/24/1997	Triethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-02-2	1/24/1997	Xylenes	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
89-01-2	1/21/1997	Acenaphthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
89-01-2	1/21/1997	Acenaphthylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
89-01-2	1/21/1997	Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
89-01-2	1/21/1997	Arsenic	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
89-01-2	1/21/1997	Barium	22.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
89-01-2	1/21/1997	Benzene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
89-01-2	1/21/1997	Benzo(A)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-01-2	1/21/1997	Benzo(B)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-01-2	1/21/1997	Benzo(G,H,I)Perylene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
89-01-2	1/21/1997	Benzo(K)Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
89-01-2	1/21/1997	Benzo[A]Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-01-2	1/21/1997	Biphenyl	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-01-2	1/21/1997	Cadmium	0.45	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
89-01-2	1/21/1997	Chromium	16.1	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
89-01-2	1/21/1997	Chrysene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
89-01-2	1/21/1997	Dibenz(A,H)Anthracene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-01-2	1/21/1997	Diphenyl Ether	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-01-2	1/21/1997	Ethylbenzene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
89-01-2	1/21/1997	Fluoranthene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-01-2	1/21/1997	Fluorene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-01-2	1/21/1997	Indeno (1,2,3-CD) Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-01-2	1/21/1997	Lead	5.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
89-01-2	1/21/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
89-01-2	1/21/1997	Naphthalene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
89-01-2	1/21/1997	Phenanthrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
89-01-2	1/21/1997	Pyrene	370	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
89-01-2	1/21/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-01-2	1/21/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-01-2	1/21/1997	Toluene	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
89-01-2	1/21/1997	Xylenes	5.6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
89-02-2	1/21/1997	Acenaphthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
89-02-2	1/21/1997	Acenaphthene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
89-02-2	1/21/1997	Acenaphthylene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
89-02-2	1/21/1997	Acenaphthylene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
89-02-2	1/21/1997	Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
89-02-2	1/21/1997	Anthracene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
89-02-2	1/21/1997	Arsenic	2.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
89-02-2	1/21/1997	Arsenic	2.2	MG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
89-02-2	1/21/1997	Barium	22.2	MG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
89-02-2	1/21/1997	Barium	21.6	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
89-02-2	1/21/1997	Benzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
89-02-2	1/21/1997	Benzene	5.6	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
89-02-2	1/21/1997	Benzo(A)Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-2	1/21/1997	Benzo(A)Anthracene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-2	1/21/1997	Benzo(B)Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-2	1/21/1997	Benzo(B)Fluoranthene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-2	1/21/1997	Benzo(G,H,I)Perylene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
89-02-2	1/21/1997	Benzo(G,H,I)Perylene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
89-02-2	1/21/1997	Benzo(K)Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
89-02-2	1/21/1997	Benzo(K)Fluoranthene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
89-02-2	1/21/1997	Benzo[A]Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-02-2	1/21/1997	Benzo[A]Pyrene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-02-2	1/21/1997	Biphenyl	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-02-2	1/21/1997	Biphenyl	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-02-2	1/21/1997	Cadmium	0.43	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
89-02-2	1/21/1997	Cadmium	0.44	MG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
89-02-2	1/21/1997	Chromium	9.1	MG/KG				Y	0-2 Feet	DUP	Other Solid	Site Background	42.7
89-02-2	1/21/1997	Chromium	9.4	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
89-02-2	1/21/1997	Chrysene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
89-02-2	1/21/1997	Chrysene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
89-02-2	1/21/1997	Dibenz(A,H)Anthracene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-02-2	1/21/1997	Dibenz(A,H)Anthracene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-02-2	1/21/1997	Diphenyl Ether	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-02-2	1/21/1997	Diphenyl Ether	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-02-2	1/21/1997	Ethylbenzene	5.6	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
89-02-2	1/21/1997	Ethylbenzene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
89-02-2	1/21/1997	Fluoranthene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-02-2	1/21/1997	Fluoranthene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-02-2	1/21/1997	Fluorene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-02-2	1/21/1997	Fluorene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-02-2	1/21/1997	Indeno (1,2,3-CD) Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-2	1/21/1997	Indeno (1,2,3-CD) Pyrene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-2	1/21/1997	Lead	10	MG/KG				Y	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
89-02-2	1/21/1997	Lead	8.5	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
89-02-2	1/21/1997	Mercury	0.11	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
89-02-2	1/21/1997	Mercury	0.11	MG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
89-02-2	1/21/1997	Naphthalene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
89-02-2	1/21/1997	Naphthalene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
89-02-2	1/21/1997	Phenanthrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
89-02-2	1/21/1997	Phenanthrene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
89-02-2	1/21/1997	Pyrene	360	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
89-02-2	1/21/1997	Pyrene	370	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
89-02-2	1/21/1997	Selenium	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-02-2	1/21/1997	Selenium	1.1	MG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-02-2	1/21/1997	Silver	1.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-02-2	1/21/1997	Silver	1.1	MG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-02-2	1/21/1997	Toluene	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
89-02-2	1/21/1997	Toluene	5.6	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
89-02-2	1/21/1997	Xylenes	5.6	UG/KG				N	0-2 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
89-02-2	1/21/1997	Xylenes	5.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
89-03-2	1/21/1997	Acenaphthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
89-03-2	1/21/1997	Acenaphthylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
89-03-2	1/21/1997	Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
89-03-2	1/21/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
89-03-2	1/21/1997	Barium	23.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
89-03-2	1/21/1997	Benzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
89-03-2	1/21/1997	Benzo(A)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-03-2	1/21/1997	Benzo(B)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-03-2	1/21/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
89-03-2	1/21/1997	Benzo(K)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
89-03-2	1/21/1997	Benzo[A]Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
89-03-2	1/21/1997	Biphenyl	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-03-2	1/21/1997	Cadmium	0.46	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
89-03-2	1/21/1997	Chromium	3.6	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
89-03-2	1/21/1997	Chrysene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
89-03-2	1/21/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-03-2	1/21/1997	Diphenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-03-2	1/21/1997	Ethylbenzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
89-03-2	1/21/1997	Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-03-2	1/21/1997	Fluorene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-03-2	1/21/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-03-2	1/21/1997	Lead	3.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
89-03-2	1/21/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
89-03-2	1/21/1997	Naphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
89-03-2	1/21/1997	Phenanthrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
89-03-2	1/21/1997	Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
89-03-2	1/21/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-03-2	1/21/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-03-2	1/21/1997	Toluene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
89-03-2	1/21/1997	Xylenes	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC103C-SB-2	6/18/2014	Biphenyl	21	UG/KG	U			N	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-2	6/18/2014	Biphenyl	21	UG/KG	U			N	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-2	6/18/2014	Diphenyl Ether	21	UG/KG	U			N	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-2	6/18/2014	Diphenyl Ether	21	UG/KG	U			N	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-3	6/18/2014	Biphenyl	23	UG/KG	U			N	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-3	6/18/2014	Diphenyl Ether	23	UG/KG	U			N	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-4	6/18/2014	Biphenyl	140	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-4	6/18/2014	Diphenyl Ether	420	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103-S1	9/27/2013	2-Methylnaphthalene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC103-S1	9/27/2013	Acenaphthene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC103-S1	9/27/2013	Acenaphthylene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
AOC103-S1	9/27/2013	Anthracene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC103-S1	9/27/2013	Biphenyl	260000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103-S1	9/27/2013	C11 to C22 Aromatics	900	MG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
AOC103-S1	9/27/2013	C9 to C18 Aliphatics	39	MG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
AOC103-S1	9/27/2013	Diphenyl Ether	660000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103-S1	9/27/2013	Unadjusted C11 - C22 Aromatics	900	MG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
AOC103-S1	9/27/2013	Benzene	80	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
AOC103-S1	9/27/2013	Benzo(A)Anthracene	30	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S1	9/27/2013	Benzo(A)Anthracene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S1	9/27/2013	Benzo(B)Fluoranthene	34	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S1	9/27/2013	Benzo(B)Fluoranthene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S1	9/27/2013	Benzo(G,H,I)Perylene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC103-S1	9/27/2013	Benzo(G,H,I)Perylene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC103-S1	9/27/2013	Benzo(K)Fluoranthene	13	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC103-S1	9/27/2013	Benzo(K)Fluoranthene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC103-S1	9/27/2013	Benzo[A]Pyrene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC103-S1	9/27/2013	Benzo[A]Pyrene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC103-S1	9/27/2013	C19 to C36 Aliphatics	15	MG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
AOC103-S1	9/27/2013	C5 - C8 Aliphatic Hydrocarbons	4.79	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
AOC103-S1	9/27/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	4.79	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
AOC103-S1	9/27/2013	C9 through C10 Aromatic Hydrocarbons	4.79	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
AOC103-S1	9/27/2013	C9 through C12 Aliphatic Hydrocarbons	4.79	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
AOC103-S1	9/27/2013	Chrysene	34	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
AOC103-S1	9/27/2013	Chrysene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
AOC103-S1	9/27/2013	Dibenz(A,H)Anthracene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC103-S1	9/27/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC103-S1	9/27/2013	Ethylbenzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
AOC103-S1	9/27/2013	Fluoranthene	76	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC103-S1	9/27/2013	Fluoranthene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC103-S1	9/27/2013	Fluorene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC103-S1	9/27/2013	Fluorene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC103-S1	9/27/2013	Indeno (1,2,3-CD) Pyrene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC103-S1	9/27/2013	Indeno (1,2,3-CD) Pyrene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S1	9/27/2013	Meta- And Para-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
AOC103-S1	9/27/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
AOC103-S1	9/27/2013	Naphthalene	300	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC103-S1	9/27/2013	Naphthalene	100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC103-S1	9/27/2013	Naphthalene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC103-S1	9/27/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	4.79	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
AOC103-S1	9/27/2013	Ortho-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
AOC103-S1	9/27/2013	Phenanthrene	41	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC103-S1	9/27/2013	Phenanthrene	610	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC103-S1	9/27/2013	Phenol	370	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC103-S1	9/27/2013	Pyrene	65	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC103-S1	9/27/2013	Pyrene	2400	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC103-S1	9/27/2013	Toluene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC106-01-2	1/15/1997	Acenaphthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC106-01-2	1/15/1997	Acenaphthylene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC106-01-2	1/15/1997	Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC106-01-2	1/15/1997	Benzo(A)Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC106-01-2	1/15/1997	Benzo(B)Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC106-01-2	1/15/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC106-01-2	1/15/1997	Benzo(K)Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC106-01-2	1/15/1997	Benzo[A]Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC106-01-2	1/15/1997	Chrysene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC106-01-2	1/15/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC106-01-2	1/15/1997	Fluoranthene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC106-01-2	1/15/1997	Fluorene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC106-01-2	1/15/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC106-01-2	1/15/1997	Naphthalene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC106-01-2	1/15/1997	PCB 1016	40	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-2	1/15/1997	PCB 1221	40	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-2	1/15/1997	PCB 1232	40	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-2	1/15/1997	PCB 1242	40	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-2	1/15/1997	PCB 1248	40	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-2	1/15/1997	PCB 1254	40	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-2	1/15/1997	PCB 1260	40	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-2	1/15/1997	Phenanthrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC106-01-2	1/15/1997	Pyrene	400	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-01-2	1/22/1997	1,1,1-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-01-2	1/22/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-01-2	1/22/1997	1,1,2-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-01-2	1/22/1997	1,1-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-01-2	1/22/1997	1,1-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-01-2	1/22/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-01-2	1/22/1997	1,2-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-01-2	1/22/1997	1,2-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-01-2	1/22/1997	1,2-Dichloropropane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-01-2	1/22/1997	1,3-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-01-2	1/22/1997	1,4-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-01-2	1/22/1997	2,4,5-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-2	1/22/1997	2,4,6-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-01-2	1/22/1997	2,4-Dichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-01-2	1/22/1997	2,4-Dimethylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-01-2	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-01-2	1/22/1997	2,4-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-01-2	1/22/1997	2,6-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-01-2	1/22/1997	2-Chloronaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-01-2	1/22/1997	2-Chlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-01-2	1/22/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-01-2	1/22/1997	2-Methylnaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-01-2	1/22/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-2	1/22/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-01-2	1/22/1997	2-Nitrophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-01-2	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-01-2	1/22/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-01-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-01-2	1/22/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-01-2	1/22/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-2	1/22/1997	4-Chloroaniline	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-01-2	1/22/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-01-2	1/22/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-2	1/22/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-01-2	1/22/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-01-2	1/22/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-01-2	1/22/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-01-2	1/22/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-01-2	1/22/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-01-2	1/22/1997	Arsenic	3.6	MG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-01-2	1/22/1997	Barium	23.8	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-01-2	1/22/1997	Benzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-01-2	1/22/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-01-2	1/22/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-01-2	1/22/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-01-2	1/22/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-01-2	1/22/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-01-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-01-2	1/22/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-01-2	1/22/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-01-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-01-2	1/22/1997	Bromodichloromethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-01-2	1/22/1997	Bromoform	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-01-2	1/22/1997	Butyl Benzyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-01-2	1/22/1997	Cadmium	0.48	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-01-2	1/22/1997	Carbazole	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-01-2	1/22/1997	Carbon Disulfide	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-01-2	1/22/1997	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-01-2	1/22/1997	Chlorobenzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-01-2	1/22/1997	Chlorodibromomethane	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-01-2	1/22/1997	Chloroform	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-01-2	1/22/1997	Chromium	21.2	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
AOC107-01-2	1/22/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-01-2	1/22/1997	cis-1,2 Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-01-2	1/22/1997	cis-1,3-Dichloropropene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-01-2	1/22/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-01-2	1/22/1997	Dibenzofuran	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-01-2	1/22/1997	Diethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-01-2	1/22/1997	Dimethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-01-2	1/22/1997	Di-N-Butyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-2	1/22/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-01-2	1/22/1997	Ethylbenzene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-01-2	1/22/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-01-2	1/22/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-01-2	1/22/1997	Hexachlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-01-2	1/22/1997	Hexachlorobutadiene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-01-2	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-01-2	1/22/1997	Hexachloroethane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-01-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-01-2	1/22/1997	Isophorone	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-01-2	1/22/1997	Lead	7	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-01-2	1/22/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-01-2	1/22/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-01-2	1/22/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-01-2	1/22/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-01-2	1/22/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-01-2	1/22/1997	Methylene Chloride	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-01-2	1/22/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-01-2	1/22/1997	N-Dioctyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-01-2	1/22/1997	Nitrobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-01-2	1/22/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-01-2	1/22/1997	N-Nitrosodiphenylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-01-2	1/22/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-01-2	1/22/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-01-2	1/22/1997	Phenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-01-2	1/22/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-01-2	1/22/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-01-2	1/22/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-01-2	1/22/1997	Styrene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-01-2	1/22/1997	Tetrachloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-01-2	1/22/1997	Toluene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-01-2	1/22/1997	trans-1,2-Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-01-2	1/22/1997	trans-1,3-Dichloropropene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-01-2	1/22/1997	Trichloroethene	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-01-2	1/22/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-01-2	1/22/1997	Xylenes	6	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC107-02-2	1/22/1997	1,1,1-Trichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-02-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-02-2	1/22/1997	1,1,2-Trichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-02-2	1/22/1997	1,1-Dichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-02-2	1/22/1997	1,1-Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-02-2	1/22/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-02-2	1/22/1997	1,2-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-02-2	1/22/1997	1,2-Dichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-02-2	1/22/1997	1,2-Dichloropropane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-02-2	1/22/1997	1,3-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-02-2	1/22/1997	1,4-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-02-2	1/22/1997	2,4,5-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-2	1/22/1997	2,4,6-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-02-2	1/22/1997	2,4-Dichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-02-2	1/22/1997	2,4-Dimethylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-02-2	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-02-2	1/22/1997	2,4-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-02-2	1/22/1997	2,6-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-02-2	1/22/1997	2-Chloronaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-02-2	1/22/1997	2-Chlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-02-2	1/22/1997	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-02-2	1/22/1997	2-Methylnaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-02-2	1/22/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-2	1/22/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-02-2	1/22/1997	2-Nitrophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-02-2	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-02-2	1/22/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-02-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-02-2	1/22/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-02-2	1/22/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-2	1/22/1997	4-Chloroaniline	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-02-2	1/22/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-02-2	1/22/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-2	1/22/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-02-2	1/22/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-02-2	1/22/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-02-2	1/22/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-02-2	1/22/1997	Acetone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-02-2	1/22/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-02-2	1/22/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-02-2	1/22/1997	Barium	38.7	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-02-2	1/22/1997	Benzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-02-2	1/22/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-02-2	1/22/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-02-2	1/22/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-02-2	1/22/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-02-2	1/22/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-02-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-02-2	1/22/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-02-2	1/22/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-02-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-02-2	1/22/1997	Bromodichloromethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-02-2	1/22/1997	Bromoform	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-02-2	1/22/1997	Butyl Benzyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-02-2	1/22/1997	Cadmium	0.47	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-02-2	1/22/1997	Carbazole	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-02-2	1/22/1997	Carbon Disulfide	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-02-2	1/22/1997	Carbon Tetrachloride	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-02-2	1/22/1997	Chlorobenzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-02-2	1/22/1997	Chlorodibromomethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-02-2	1/22/1997	Chloroform	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-02-2	1/22/1997	Chromium	21.3	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
AOC107-02-2	1/22/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-02-2	1/22/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-02-2	1/22/1997	cis-1,3-Dichloropropene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-02-2	1/22/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-02-2	1/22/1997	Dibenzofuran	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-02-2	1/22/1997	Diethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-02-2	1/22/1997	Dimethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-02-2	1/22/1997	Di-N-Butyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-2	1/22/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-02-2	1/22/1997	Ethylbenzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-02-2	1/22/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-02-2	1/22/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-02-2	1/22/1997	Hexachlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-02-2	1/22/1997	Hexachlorobutadiene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-02-2	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-02-2	1/22/1997	Hexachloroethane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-02-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-02-2	1/22/1997	Isophorone	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-02-2	1/22/1997	Lead	14.7	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-02-2	1/22/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-02-2	1/22/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-02-2	1/22/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-02-2	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-02-2	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-02-2	1/22/1997	Methylene Chloride	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-02-2	1/22/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-02-2	1/22/1997	N-Dioctyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-02-2	1/22/1997	Nitrobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-02-2	1/22/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-02-2	1/22/1997	N-Nitrosodiphenylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-02-2	1/22/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-02-2	1/22/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-02-2	1/22/1997	Phenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-02-2	1/22/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-02-2	1/22/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-02-2	1/22/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-02-2	1/22/1997	Styrene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-02-2	1/22/1997	Tetrachloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-02-2	1/22/1997	Toluene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-02-2	1/22/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-02-2	1/22/1997	trans-1,3-Dichloropropene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-02-2	1/22/1997	Trichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-02-2	1/22/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-02-2	1/22/1997	Xylenes	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC107-03-2	1/22/1997	1,1,1-Trichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-03-2	1/22/1997	1,1,2,2-Tetrachloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-03-2	1/22/1997	1,1,2-Trichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-03-2	1/22/1997	1,1-Dichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-03-2	1/22/1997	1,1-Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-03-2	1/22/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-03-2	1/22/1997	1,2-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-03-2	1/22/1997	1,2-Dichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-03-2	1/22/1997	1,2-Dichloropropane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-03-2	1/22/1997	1,3-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-03-2	1/22/1997	1,4-Dichlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-03-2	1/22/1997	2,4,5-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-2	1/22/1997	2,4,6-Trichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-03-2	1/22/1997	2,4-Dichlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-03-2	1/22/1997	2,4-Dimethylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-03-2	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-03-2	1/22/1997	2,4-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-03-2	1/22/1997	2,6-Dinitrotoluene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-03-2	1/22/1997	2-Chloronaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-03-2	1/22/1997	2-Chlorophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-03-2	1/22/1997	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-03-2	1/22/1997	2-Methylnaphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-03-2	1/22/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-2	1/22/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-03-2	1/22/1997	2-Nitrophenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-03-2	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-03-2	1/22/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-03-2	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-03-2	1/22/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-03-2	1/22/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-2	1/22/1997	4-Chloroaniline	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-03-2	1/22/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-03-2	1/22/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-2	1/22/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-03-2	1/22/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-03-2	1/22/1997	Acenaphthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-03-2	1/22/1997	Acenaphthylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-03-2	1/22/1997	Acetone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-03-2	1/22/1997	Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-03-2	1/22/1997	Arsenic	2.3	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-03-2	1/22/1997	Benzo[A]Pyrene	420	UG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-03-2	1/22/1997	Barium	23.1	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-03-2	1/22/1997	Benzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-03-2	1/22/1997	Benzo(A)Anthracene	440	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-03-2	1/22/1997	Benzo(B)Fluoranthene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-03-2	1/22/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-03-2	1/22/1997	Benzo(K)Fluoranthene	390	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-03-2	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-03-2	1/22/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-03-2	1/22/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-03-2	1/22/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-03-2	1/22/1997	Bromodichloromethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-03-2	1/22/1997	Bromoform	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-03-2	1/22/1997	Butyl Benzyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-03-2	1/22/1997	Cadmium	0.46	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-03-2	1/22/1997	Carbazole	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-03-2	1/22/1997	Carbon Disulfide	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-03-2	1/22/1997	Carbon Tetrachloride	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-03-2	1/22/1997	Chlorobenzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-03-2	1/22/1997	Chlorodibromomethane	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-03-2	1/22/1997	Chloroform	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-03-2	1/22/1997	Chromium	15.4	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
AOC107-03-2	1/22/1997	Chrysene	420	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-03-2	1/22/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-03-2	1/22/1997	cis-1,3-Dichloropropene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-03-2	1/22/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-03-2	1/22/1997	Dibenzofuran	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-03-2	1/22/1997	Diethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-03-2	1/22/1997	Dimethyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-03-2	1/22/1997	Di-N-Butyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-2	1/22/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-03-2	1/22/1997	Ethylbenzene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-03-2	1/22/1997	Fluoranthene	840	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-03-2	1/22/1997	Fluorene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-03-2	1/22/1997	Hexachlorobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-03-2	1/22/1997	Hexachlorobutadiene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-03-2	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-03-2	1/22/1997	Hexachloroethane	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-03-2	1/22/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-03-2	1/22/1997	Isophorone	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-03-2	1/22/1997	Lead	16.3	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-03-2	1/22/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-03-2	1/22/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-03-2	1/22/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-03-2	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-03-2	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-03-2	1/22/1997	Methylene Chloride	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-03-2	1/22/1997	Naphthalene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-03-2	1/22/1997	N-Dioctyl Phthalate	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-03-2	1/22/1997	Nitrobenzene	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-03-2	1/22/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-03-2	1/22/1997	N-Nitrosodiphenylamine	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-03-2	1/22/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-03-2	1/22/1997	Phenanthrene	440	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-03-2	1/22/1997	Phenol	380	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-03-2	1/22/1997	Pyrene	680	UG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-03-2	1/22/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-03-2	1/22/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-03-2	1/22/1997	Styrene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-03-2	1/22/1997	Tetrachloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-03-2	1/22/1997	Toluene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-03-2	1/22/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-03-2	1/22/1997	trans-1,3-Dichloropropene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-03-2	1/22/1997	Trichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-03-2	1/22/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-03-2	1/22/1997	Xylenes	5.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC10703-S1	9/27/2013	Antimony	0.893	MG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
AOC10703-S1	9/27/2013	Arsenic	1.85	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC10703-S1	9/27/2013	Benzo[A]Pyrene	1200	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-S1	9/27/2013	Dibenz(A,H)Anthracene	250	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-S1	9/27/2013	Barium	20.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC10703-S1	9/27/2013	Benzo(A)Anthracene	1300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-S1	9/27/2013	Benzo(B)Fluoranthene	1600	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-S1	9/27/2013	Benzo(G,H,I)Perylene	800	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC10703-S1	9/27/2013	Benzo(K)Fluoranthene	710	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC10703-S1	9/27/2013	Beryllium	0.0966	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
AOC10703-S1	9/27/2013	Cadmium	0.0918	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC10703-S1	9/27/2013	Chromium	14.2	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
AOC10703-S1	9/27/2013	Chrysene	1300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
AOC10703-S1	9/27/2013	Cobalt	0.56	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
AOC10703-S1	9/27/2013	Copper	3.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
AOC10703-S1	9/27/2013	Fluoranthene	2800	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-S1	9/27/2013	Fluorene	240	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC10703-S1	9/27/2013	Indeno (1,2,3-CD) Pyrene	760	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-S1	9/27/2013	Lead	8.16	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC10703-S1	9/27/2013	Mercury	0.031	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC10703-S1	9/27/2013	Naphthalene	52	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC10703-S1	9/27/2013	Nickel	2.15	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
AOC10703-S1	9/27/2013	Phenanthrene	2200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC10703-S1	9/27/2013	Phenol	21	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC10703-S1	9/27/2013	Pyrene	2300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC10703-S1	9/27/2013	Selenium	0.121	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC10703-S1	9/27/2013	Silver	0.205	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC10703-S1	9/27/2013	Thallium	0.0947	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
AOC10703-S1	9/27/2013	Tin	1.96	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
AOC10703-S1	9/27/2013	Vanadium	16.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC10703-S1	9/27/2013	Zinc	25	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
AOC10703-SB-2	6/18/2014	Benzo[A]Pyrene	240	UG/KG			Y	Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-SB-2	6/18/2014	Benzo(A)Anthracene	260	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-2	6/18/2014	Benzo(B)Fluoranthene	320	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-2	6/18/2014	Benzo(G,H,I)Perylene	170	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC10703-SB-2	6/18/2014	Benzo(K)Fluoranthene	120	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC10703-SB-2	6/18/2014	Chrysene	240	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
AOC10703-SB-2	6/18/2014	Dibenz(A,H)Anthracene	33	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-SB-2	6/18/2014	Fluoranthene	570	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-SB-2	6/18/2014	Fluorene	26	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-SB-2	6/18/2014	Indeno (1,2,3-CD) Pyrene	140	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-2	6/18/2014	Naphthalene	32	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC10703-SB-2	6/18/2014	Phenanthrene	340	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC10703-SB-2	6/18/2014	Phenol	22	UG/KG	U			N	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC10703-SB-2	6/18/2014	Pyrene	430	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC10703-SB-3	6/18/2014	Benzo[A]Pyrene	320	UG/KG			Y	Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-SB-3	6/18/2014	Benzo[A]Pyrene	280	UG/KG			Y	Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-SB-3	6/18/2014	Benzo(A)Anthracene	290	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-3	6/18/2014	Benzo(A)Anthracene	290	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-3	6/18/2014	Benzo(B)Fluoranthene	430	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-3	6/18/2014	Benzo(B)Fluoranthene	360	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-3	6/18/2014	Benzo(G,H,I)Perylene	210	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC10703-SB-3	6/18/2014	Benzo(G,H,I)Perylene	190	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC10703-SB-3	6/18/2014	Benzo(K)Fluoranthene	180	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC10703-SB-3	6/18/2014	Benzo(K)Fluoranthene	140	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC10703-SB-3	6/18/2014	Chrysene	310	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
AOC10703-SB-3	6/18/2014	Chrysene	280	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
AOC10703-SB-3	6/18/2014	Dibenz(A,H)Anthracene	40	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-SB-3	6/18/2014	Dibenz(A,H)Anthracene	49	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-SB-3	6/18/2014	Fluoranthene	610	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-SB-3	6/18/2014	Fluoranthene	600	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-SB-3	6/18/2014	Fluorene	30	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-SB-3	6/18/2014	Fluorene	22	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-SB-3	6/18/2014	Indeno (1,2,3-CD) Pyrene	190	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-3	6/18/2014	Indeno (1,2,3-CD) Pyrene	170	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-SB-3	6/18/2014	Naphthalene	33	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC10703-SB-3	6/18/2014	Naphthalene	35	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC10703-SB-3	6/18/2014	Phenanthrene	330	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC10703-SB-3	6/18/2014	Phenanthrene	310	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC10703-SB-3	6/18/2014	Phenol	19	UG/KG	U			N	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC10703-SB-3	6/18/2014	Phenol	21	UG/KG	U			N	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC10703-SB-3	6/18/2014	Pyrene	480	UG/KG				Y	0-2 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC10703-SB-3	6/18/2014	Pyrene	440	UG/KG				Y	0-2 FEET	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-04-2	1/23/1997	1,1,1-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-04-2	1/23/1997	1,1,2,2-Tetrachloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-04-2	1/23/1997	1,1,2-Trichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-04-2	1/23/1997	1,1-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-04-2	1/23/1997	1,1-Dichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-04-2	1/23/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-04-2	1/23/1997	1,2-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-04-2	1/23/1997	1,2-Dichloroethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-04-2	1/23/1997	1,2-Dichloropropane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-04-2	1/23/1997	1,3-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-04-2	1/23/1997	1,4-Dichlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-04-2	1/23/1997	2,4,5-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-2	1/23/1997	2,4,6-Trichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-04-2	1/23/1997	2,4-Dichlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-04-2	1/23/1997	2,4-Dimethylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-04-2	1/23/1997	2,4-Dinitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-04-2	1/23/1997	2,4-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-04-2	1/23/1997	2,6-Dinitrotoluene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-04-2	1/23/1997	2-Chloronaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-04-2	1/23/1997	2-Chlorophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-04-2	1/23/1997	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-04-2	1/23/1997	2-Methylnaphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-04-2	1/23/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-2	1/23/1997	2-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-04-2	1/23/1997	2-Nitrophenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-04-2	1/23/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-04-2	1/23/1997	3-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-04-2	1/23/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-04-2	1/23/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-04-2	1/23/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-2	1/23/1997	4-Chloroaniline	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-04-2	1/23/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-04-2	1/23/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-2	1/23/1997	4-Nitroaniline	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-04-2	1/23/1997	4-Nitrophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-04-2	1/23/1997	Acenaphthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-04-2	1/23/1997	Acenaphthylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-04-2	1/23/1997	Acetone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-04-2	1/23/1997	Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-04-2	1/23/1997	Arsenic	2.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-04-2	1/23/1997	Barium	23.7	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-04-2	1/23/1997	Benzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-04-2	1/23/1997	Benzo(A)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-04-2	1/23/1997	Benzo(B)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-04-2	1/23/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-04-2	1/23/1997	Benzo(K)Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-04-2	1/23/1997	Benzo[A]Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-04-2	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-04-2	1/23/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-04-2	1/23/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-04-2	1/23/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-04-2	1/23/1997	Bromodichloromethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-04-2	1/23/1997	Bromoform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-04-2	1/23/1997	Butyl Benzyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-04-2	1/23/1997	Cadmium	0.8	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-04-2	1/23/1997	Carbazole	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-04-2	1/23/1997	Carbon Disulfide	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-04-2	1/23/1997	Carbon Tetrachloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-04-2	1/23/1997	Chlorobenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-04-2	1/23/1997	Chlorodibromomethane	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-04-2	1/23/1997	Chloroform	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-04-2	1/23/1997	Chromium	11.5	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
AOC107-04-2	1/23/1997	Chrysene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-04-2	1/23/1997	cis-1,2 Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-04-2	1/23/1997	cis-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-04-2	1/23/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-04-2	1/23/1997	Dibenzofuran	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-04-2	1/23/1997	Diethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-04-2	1/23/1997	Dimethyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-04-2	1/23/1997	Di-N-Butyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-2	1/23/1997	Ethyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-04-2	1/23/1997	Ethylbenzene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-04-2	1/23/1997	Fluoranthene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-04-2	1/23/1997	Fluorene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-04-2	1/23/1997	Hexachlorobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-04-2	1/23/1997	Hexachlorobutadiene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-04-2	1/23/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-04-2	1/23/1997	Hexachloroethane	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-04-2	1/23/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-04-2	1/23/1997	Isophorone	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-04-2	1/23/1997	Lead	5.2	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-04-2	1/23/1997	Mercury	0.12	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-04-2	1/23/1997	Methyl Bromide	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-04-2	1/23/1997	Methyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-04-2	1/23/1997	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-04-2	1/23/1997	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-04-2	1/23/1997	Methylene Chloride	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-04-2	1/23/1997	Naphthalene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-04-2	1/23/1997	N-Dioctyl Phthalate	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-04-2	1/23/1997	Nitrobenzene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-04-2	1/23/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-04-2	1/23/1997	N-Nitrosodiphenylamine	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-04-2	1/23/1997	Pentachlorophenol	1900	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-04-2	1/23/1997	Phenanthrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-04-2	1/23/1997	Phenol	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-04-2	1/23/1997	Pyrene	390	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-04-2	1/23/1997	Selenium	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-04-2	1/23/1997	Silver	1.2	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-04-2	1/23/1997	Styrene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-04-2	1/23/1997	Tetrachloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-04-2	1/23/1997	Toluene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-04-2	1/23/1997	trans-1,2-Dichloroethene	3	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-04-2	1/23/1997	trans-1,3-Dichloropropene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-04-2	1/23/1997	Trichloroethene	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-04-2	1/23/1997	Vinyl Chloride	12	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-04-2	1/23/1997	Xylenes	5.9	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC107-05-2	1/23/1997	1,1,1-Trichloroethane	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-05-2	1/23/1997	1,1,2,2-Tetrachloroethane	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-05-2	1/23/1997	1,1,2-Trichloroethane	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-05-2	1/23/1997	1,1-Dichloroethane	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-05-2	1/23/1997	1,1-Dichloroethene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-05-2	1/23/1997	1,2,4-Trichlorobenzene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-05-2	1/23/1997	1,2-Dichlorobenzene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-05-2	1/23/1997	1,2-Dichloroethane	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-05-2	1/23/1997	1,2-Dichloropropane	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-05-2	1/23/1997	1,3-Dichlorobenzene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-05-2	1/23/1997	1,4-Dichlorobenzene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-05-2	1/23/1997	2,4,5-Trichlorophenol	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-2	1/23/1997	2,4,6-Trichlorophenol	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-05-2	1/23/1997	2,4-Dichlorophenol	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-05-2	1/23/1997	2,4-Dimethylphenol	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-05-2	1/23/1997	2,4-Dinitrophenol	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-05-2	1/23/1997	2,4-Dinitrotoluene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-05-2	1/23/1997	2,6-Dinitrotoluene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-05-2	1/23/1997	2-Chloronaphthalene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-05-2	1/23/1997	2-Chlorophenol	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-05-2	1/23/1997	2-Hexanone	27	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-05-2	1/23/1997	2-Methylnaphthalene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-05-2	1/23/1997	2-Methylphenol (O-Cresol)	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-2	1/23/1997	2-Nitroaniline	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-05-2	1/23/1997	2-Nitrophenol	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-05-2	1/23/1997	3,3'-Dichlorobenzidine	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-05-2	1/23/1997	3-Nitroaniline	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-05-2	1/23/1997	4,6-Dinitro-2-Methylphenol	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-05-2	1/23/1997	4-Bromophenyl Phenyl Ether	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-05-2	1/23/1997	4-Chloro-3-Methylphenol	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-2	1/23/1997	4-Chloroaniline	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-05-2	1/23/1997	4-Chlorophenyl Phenyl Ether	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-05-2	1/23/1997	4-Methylphenol (P-Cresol)	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-2	1/23/1997	4-Nitroaniline	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-05-2	1/23/1997	4-Nitrophenol	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-05-2	1/23/1997	Acenaphthene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-05-2	1/23/1997	Acenaphthylene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-05-2	1/23/1997	Acetone	27	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-05-2	1/23/1997	Anthracene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-05-2	1/23/1997	Arsenic	5.9	MG/KG			Y	Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-05-2	1/23/1997	Barium	35.4	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-05-2	1/23/1997	Benzene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-05-2	1/23/1997	Benzo(A)Anthracene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-05-2	1/23/1997	Benzo(B)Fluoranthene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-05-2	1/23/1997	Benzo(G,H,I)Perylene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-05-2	1/23/1997	Benzo(K)Fluoranthene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-05-2	1/23/1997	Benzo[A]Pyrene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-05-2	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-05-2	1/23/1997	Bis(2-Chloroethoxy)Methane	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-05-2	1/23/1997	Bis(2-Chloroethyl)Ether	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-05-2	1/23/1997	Bis(2-Ethylhexyl)Phthalate	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-05-2	1/23/1997	Bromodichloromethane	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-05-2	1/23/1997	Bromoform	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-05-2	1/23/1997	Butyl Benzyl Phthalate	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-05-2	1/23/1997	Cadmium	0.54	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-05-2	1/23/1997	Carbazole	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-05-2	1/23/1997	Carbon Disulfide	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-05-2	1/23/1997	Carbon Tetrachloride	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-05-2	1/23/1997	Chlorobenzene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-05-2	1/23/1997	Chlorodibromomethane	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-05-2	1/23/1997	Chloroform	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-05-2	1/23/1997	Chromium	31.7	MG/KG				Y	0-2 Feet	FS	Other Solid	Site Background	42.7
AOC107-05-2	1/23/1997	Chrysene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-05-2	1/23/1997	cis-1,2 Dichloroethene	3.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-05-2	1/23/1997	cis-1,3-Dichloropropene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-05-2	1/23/1997	Dibenz(A,H)Anthracene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-05-2	1/23/1997	Dibenzofuran	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-05-2	1/23/1997	Diethyl Phthalate	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-05-2	1/23/1997	Dimethyl Phthalate	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-05-2	1/23/1997	Di-N-Butyl Phthalate	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-2	1/23/1997	Ethyl Chloride	14	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-05-2	1/23/1997	Ethylbenzene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-05-2	1/23/1997	Fluoranthene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-05-2	1/23/1997	Fluorene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-05-2	1/23/1997	Hexachlorobenzene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-05-2	1/23/1997	Hexachlorobutadiene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-05-2	1/23/1997	Hexachlorocyclopentadiene	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-05-2	1/23/1997	Hexachloroethane	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-05-2	1/23/1997	Indeno (1,2,3-CD) Pyrene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-05-2	1/23/1997	Isophorone	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-05-2	1/23/1997	Lead	11.4	MG/KG				Y	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-05-2	1/23/1997	Mercury	0.14	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-05-2	1/23/1997	Methyl Bromide	14	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-05-2	1/23/1997	Methyl Chloride	14	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-05-2	1/23/1997	Methyl Ethyl Ketone	27	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-05-2	1/23/1997	Methyl Isobutyl Ketone	27	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-05-2	1/23/1997	Methylene Chloride	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-05-2	1/23/1997	Naphthalene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-05-2	1/23/1997	N-Dioctyl Phthalate	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-05-2	1/23/1997	Nitrobenzene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-05-2	1/23/1997	N-Nitrosodi-N-Propylamine	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-05-2	1/23/1997	N-Nitrosodiphenylamine	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-05-2	1/23/1997	Pentachlorophenol	2200	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-05-2	1/23/1997	Phenanthrene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-05-2	1/23/1997	Phenol	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-05-2	1/23/1997	Pyrene	450	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-05-2	1/23/1997	Selenium	1.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-05-2	1/23/1997	Silver	1.4	MG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-05-2	1/23/1997	Styrene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-05-2	1/23/1997	Tetrachloroethene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-05-2	1/23/1997	Toluene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-05-2	1/23/1997	trans-1,2-Dichloroethene	3.4	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-05-2	1/23/1997	trans-1,3-Dichloropropene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-05-2	1/23/1997	Trichloroethene	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-05-2	1/23/1997	Vinyl Chloride	14	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-05-2	1/23/1997	Xylenes	6.8	UG/KG				N	0-2 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
CAP1	1/29/2004	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
CAP1	1/29/2004	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
CAP1	1/29/2004	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
CAP1	1/29/2004	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
CAP1	1/29/2004	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP1	1/29/2004	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
CAP1	1/29/2004	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
CAP1	1/29/2004	1,2,4,5-Tetrachlorobenzene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
CAP1	1/29/2004	1,2,4-Trichlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
CAP1	1/29/2004	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
CAP1	1/29/2004	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
CAP1	1/29/2004	1,2-Dichlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
CAP1	1/29/2004	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
CAP1	1/29/2004	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
CAP1	1/29/2004	1,2-Diphenylhydrazine	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
CAP1	1/29/2004	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
CAP1	1/29/2004	1,3-Dichlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
CAP1	1/29/2004	1,3-Dinitrobenzene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
CAP1	1/29/2004	1,4-Dichlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
CAP1	1/29/2004	1,4-Dioxane	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP1	1/29/2004	1,4-Naphthoquinone	1000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
CAP1	1/29/2004	1-Methylnaphthalene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	53000
CAP1	1/29/2004	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
CAP1	1/29/2004	2,3,4,6-Tetrachlorophenol	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
CAP1	1/29/2004	2,4,5-Trichlorophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP1	1/29/2004	2,4,6-Trichlorophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
CAP1	1/29/2004	2,4-Dichlorophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
CAP1	1/29/2004	2,4-Dimethylphenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
CAP1	1/29/2004	2,4-Dinitrophenol	820	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
CAP1	1/29/2004	2,4-Dinitrotoluene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
CAP1	1/29/2004	2,6-Dichlorophenol	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
CAP1	1/29/2004	2,6-Dinitrotoluene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
CAP1	1/29/2004	2-Acetylaminofluorene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
CAP1	1/29/2004	2-Chloronaphthalene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
CAP1	1/29/2004	2-Chlorophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
CAP1	1/29/2004	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
CAP1	1/29/2004	2-Methylnaphthalene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
CAP1	1/29/2004	2-Methylphenol (O-Cresol)	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP1	1/29/2004	2-Naphthylamine	200	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
CAP1	1/29/2004	2-Nitroaniline	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
CAP1	1/29/2004	2-Nitrophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
CAP1	1/29/2004	2-Picoline	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000

APPENDIX A
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
CAP1	1/29/2004	3,3'-Dichlorobenzidine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
CAP1	1/29/2004	3,3'-Dimethylbenzidine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
CAP1	1/29/2004	3-Methylcholanthrene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
CAP1	1/29/2004	3-Nitroaniline	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
CAP1	1/29/2004	4,4'-Methylenebis-(2-Chlorobenzenamine)	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP1	1/29/2004	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
CAP1	1/29/2004	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
CAP1	1/29/2004	4-Bromophenyl Phenyl Ether	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
CAP1	1/29/2004	4-Chloro-3-Methylphenol	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP1	1/29/2004	4-Chloroaniline	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
CAP1	1/29/2004	4-Chlorophenyl Phenyl Ether	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
CAP1	1/29/2004	4-Dimethylaminoazobenzene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
CAP1	1/29/2004	4-Methylphenol (P-Cresol)	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP1	1/29/2004	4-Nitroaniline	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
CAP1	1/29/2004	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
CAP1	1/29/2004	4-Nitroquinoline-N-Oxide	410	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
CAP1	1/29/2004	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
CAP1	1/29/2004	7,12-Dimethylbenz[A]Anthracene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
CAP1	1/29/2004	Acenaphthene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
CAP1	1/29/2004	Acenaphthylene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
CAP1	1/29/2004	Acetone	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
CAP1	1/29/2004	Acetonitrile	29	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
CAP1	1/29/2004	Acetophenone	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
CAP1	1/29/2004	Acrolein	23	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
CAP1	1/29/2004	Acrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
CAP1	1/29/2004	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
CAP1	1/29/2004	Aniline	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
CAP1	1/29/2004	Anthracene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
CAP1	1/29/2004	Benzaldehyde	41	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
CAP1	1/29/2004	Benzene	0.6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
CAP1	1/29/2004	Benzidine	820	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.5
CAP1	1/29/2004	Benzo(A)Anthracene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
CAP1	1/29/2004	Benzo(B)Fluoranthene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
CAP1	1/29/2004	Benzo(G,H,I)Perylene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
CAP1	1/29/2004	Benzo(K)Fluoranthene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
CAP1	1/29/2004	Benzo[A]Pyrene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
CAP1	1/29/2004	Benzoic Acid	200	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
CAP1	1/29/2004	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP1	1/29/2004	Bis(2-Chloro-1-Methylethyl) Ether	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
CAP1	1/29/2004	Bis(2-Chloroethoxy)Methane	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
CAP1	1/29/2004	Bis(2-Chloroethyl)Ether	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
CAP1	1/29/2004	Bis(2-Ethylhexyl)Phthalate	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
CAP1	1/29/2004	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
CAP1	1/29/2004	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
CAP1	1/29/2004	Butyl Benzyl Phthalate	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
CAP1	1/29/2004	Carbazole	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4400000
CAP1	1/29/2004	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
CAP1	1/29/2004	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
CAP1	1/29/2004	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
CAP1	1/29/2004	Chlorobenzilate	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
CAP1	1/29/2004	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
CAP1	1/29/2004	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
CAP1	1/29/2004	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
CAP1	1/29/2004	Chrysene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
CAP1	1/29/2004	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
CAP1	1/29/2004	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
CAP1	1/29/2004	Diallate	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
CAP1	1/29/2004	Dibenz(A,H)Anthracene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
CAP1	1/29/2004	Dibenzofuran	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
CAP1	1/29/2004	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
CAP1	1/29/2004	Diethyl Phthalate	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
CAP1	1/29/2004	Dimethoate	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
CAP1	1/29/2004	Dimethyl Phthalate	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
CAP1	1/29/2004	Di-N-Butyl Phthalate	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP1	1/29/2004	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
CAP1	1/29/2004	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
CAP1	1/29/2004	Ethyl Methanesulfonate	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP1	1/29/2004	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
CAP1	1/29/2004	Fluoranthene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
CAP1	1/29/2004	Fluorene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
CAP1	1/29/2004	Hexachlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
CAP1	1/29/2004	Hexachlorobutadiene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
CAP1	1/29/2004	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
CAP1	1/29/2004	Hexachloroethane	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
CAP1	1/29/2004	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
CAP1	1/29/2004	Indeno (1,2,3-CD) Pyrene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
CAP1	1/29/2004	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
CAP1	1/29/2004	Isobutyl Alcohol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
CAP1	1/29/2004	Isodrin	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
CAP1	1/29/2004	Isophorone	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
CAP1	1/29/2004	Isosafrole	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
CAP1	1/29/2004	Methacrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
CAP1	1/29/2004	Methapyrilene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
CAP1	1/29/2004	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
CAP1	1/29/2004	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
CAP1	1/29/2004	Methyl Ethyl Ketone	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
CAP1	1/29/2004	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
CAP1	1/29/2004	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
CAP1	1/29/2004	Methyl Methanesulfonate	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP1	1/29/2004	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
CAP1	1/29/2004	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
CAP1	1/29/2004	Naphthalene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
CAP1	1/29/2004	N-Dioctyl Phthalate	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
CAP1	1/29/2004	Nitrobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
CAP1	1/29/2004	N-Nitroso(Methyl)Ethylamine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
CAP1	1/29/2004	N-Nitrosodiethylamine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
CAP1	1/29/2004	N-Nitrosodimethylamine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
CAP1	1/29/2004	N-Nitroso-Di-N-Butylamine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
CAP1	1/29/2004	N-Nitrosodi-N-Propylamine	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
CAP1	1/29/2004	N-Nitrosodiphenylamine	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
CAP1	1/29/2004	N-Nitrosomorpholine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
CAP1	1/29/2004	N-Nitrosopiperidine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
CAP1	1/29/2004	N-Nitrosopyrrolidine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
CAP1	1/29/2004	O,O,O-Triethylphosphorothioate	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
CAP1	1/29/2004	O-Toluidine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
CAP1	1/29/2004	para-Phenylenediamine	3100	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
CAP1	1/29/2004	Pentachlorobenzene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
CAP1	1/29/2004	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
CAP1	1/29/2004	Pentachloronitrobenzene	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
CAP1	1/29/2004	Pentachlorophenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
CAP1	1/29/2004	Phenacetin	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
CAP1	1/29/2004	Phenanthrene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
CAP1	1/29/2004	Phenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
CAP1	1/29/2004	Pronamide	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
CAP1	1/29/2004	Propionitrile	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
CAP1	1/29/2004	Pyrene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
CAP1	1/29/2004	Pyridine	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
CAP1	1/29/2004	Safrole	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
CAP1	1/29/2004	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
CAP1	1/29/2004	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
CAP1	1/29/2004	Tetraethyl Dithiopyrophosphate	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
CAP1	1/29/2004	Thionazin	82	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
CAP1	1/29/2004	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
CAP1	1/29/2004	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
CAP1	1/29/2004	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
CAP1	1/29/2004	trans-1,4-Dichlorobutene-2	12	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
CAP1	1/29/2004	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
CAP1	1/29/2004	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
CAP1	1/29/2004	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
CAP1	1/29/2004	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
CAP1	1/29/2004	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
CAP2	1/29/2004	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
CAP2	1/29/2004	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
CAP2	1/29/2004	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
CAP2	1/29/2004	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
CAP2	1/29/2004	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP2	1/29/2004	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
CAP2	1/29/2004	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
CAP2	1/29/2004	1,2,4,5-Tetrachlorobenzene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
CAP2	1/29/2004	1,2,4-Trichlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
CAP2	1/29/2004	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
CAP2	1/29/2004	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
CAP2	1/29/2004	1,2-Dichlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
CAP2	1/29/2004	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
CAP2	1/29/2004	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
CAP2	1/29/2004	1,2-Diphenylhydrazine	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
CAP2	1/29/2004	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
CAP2	1/29/2004	1,3-Dichlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
CAP2	1/29/2004	1,3-Dinitrobenzene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
CAP2	1/29/2004	1,4-Dichlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
CAP2	1/29/2004	1,4-Dioxane	120	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP2	1/29/2004	1,4-Naphthoquinone	1000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
CAP2	1/29/2004	1-Methylnaphthalene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	53000
CAP2	1/29/2004	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
CAP2	1/29/2004	2,3,4,6-Tetrachlorophenol	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
CAP2	1/29/2004	2,4,5-Trichlorophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP2	1/29/2004	2,4,6-Trichlorophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
CAP2	1/29/2004	2,4-Dichlorophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
CAP2	1/29/2004	2,4-Dimethylphenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
CAP2	1/29/2004	2,4-Dinitrophenol	810	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
CAP2	1/29/2004	2,4-Dinitrotoluene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
CAP2	1/29/2004	2,6-Dichlorophenol	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
CAP2	1/29/2004	2,6-Dinitrotoluene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
CAP2	1/29/2004	2-Acetylaminofluorene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
CAP2	1/29/2004	2-Chloronaphthalene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
CAP2	1/29/2004	2-Chlorophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
CAP2	1/29/2004	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
CAP2	1/29/2004	2-Methylnaphthalene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
CAP2	1/29/2004	2-Methylphenol (O-Cresol)	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP2	1/29/2004	2-Naphthylamine	200	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
CAP2	1/29/2004	2-Nitroaniline	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
CAP2	1/29/2004	2-Nitrophenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
CAP2	1/29/2004	2-Picoline	81	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
CAP2	1/29/2004	3,3'-Dichlorobenzidine	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
CAP2	1/29/2004	3,3'-Dimethylbenzidine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
CAP2	1/29/2004	3-Methylcholanthrene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
CAP2	1/29/2004	3-Nitroaniline	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
CAP2	1/29/2004	4,4'-Methylenebis-(2-Chlorobenzenamine)	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP2	1/29/2004	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
CAP2	1/29/2004	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
CAP2	1/29/2004	4-Bromophenyl Phenyl Ether	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
CAP2	1/29/2004	4-Chloro-3-Methylphenol	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP2	1/29/2004	4-Chloroaniline	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
CAP2	1/29/2004	4-Chlorophenyl Phenyl Ether	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
CAP2	1/29/2004	4-Dimethylaminoazobenzene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
CAP2	1/29/2004	4-Methylphenol (P-Cresol)	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
CAP2	1/29/2004	4-Nitroaniline	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
CAP2	1/29/2004	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
CAP2	1/29/2004	4-Nitroquinoline-N-Oxide	410	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
CAP2	1/29/2004	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
CAP2	1/29/2004	7,12-Dimethylbenz[A]Anthracene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
CAP2	1/29/2004	Acenaphthene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
CAP2	1/29/2004	Acenaphthylene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
CAP2	1/29/2004	Acetone	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
CAP2	1/29/2004	Acetonitrile	28	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
CAP2	1/29/2004	Acetophenone	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
CAP2	1/29/2004	Acrolein	23	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
CAP2	1/29/2004	Acrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
CAP2	1/29/2004	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
CAP2	1/29/2004	Aniline	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
CAP2	1/29/2004	Anthracene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
CAP2	1/29/2004	Benzaldehyde	41	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
CAP2	1/29/2004	Benzene	0.6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
CAP2	1/29/2004	Benzidine	810	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.5
CAP2	1/29/2004	Benzo(A)Anthracene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
CAP2	1/29/2004	Benzo(B)Fluoranthene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
CAP2	1/29/2004	Benzo(G,H,I)Perylene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
CAP2	1/29/2004	Benzo(K)Fluoranthene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
CAP2	1/29/2004	Benzo[A]Pyrene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
CAP2	1/29/2004	Benzoic Acid	200	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
CAP2	1/29/2004	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP2	1/29/2004	Bis(2-Chloro-1-Methylethyl) Ether	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
CAP2	1/29/2004	Bis(2-Chloroethoxy)Methane	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
CAP2	1/29/2004	Bis(2-Chloroethyl)Ether	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
CAP2	1/29/2004	Bis(2-Ethylhexyl)Phthalate	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
CAP2	1/29/2004	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
CAP2	1/29/2004	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
CAP2	1/29/2004	Butyl Benzyl Phthalate	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
CAP2	1/29/2004	Carbazole	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4400000
CAP2	1/29/2004	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
CAP2	1/29/2004	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
CAP2	1/29/2004	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
CAP2	1/29/2004	Chlorobenzilate	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
CAP2	1/29/2004	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
CAP2	1/29/2004	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
CAP2	1/29/2004	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
CAP2	1/29/2004	Chrysene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
CAP2	1/29/2004	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
CAP2	1/29/2004	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
CAP2	1/29/2004	Diallate	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
CAP2	1/29/2004	Dibenz(A,H)Anthracene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
CAP2	1/29/2004	Dibenzofuran	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
CAP2	1/29/2004	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
CAP2	1/29/2004	Diethyl Phthalate	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
CAP2	1/29/2004	Dimethoate	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
CAP2	1/29/2004	Dimethyl Phthalate	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
CAP2	1/29/2004	Di-N-Butyl Phthalate	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
CAP2	1/29/2004	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
CAP2	1/29/2004	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
CAP2	1/29/2004	Ethyl Methanesulfonate	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP2	1/29/2004	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
CAP2	1/29/2004	Fluoranthene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
CAP2	1/29/2004	Fluorene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
CAP2	1/29/2004	Hexachlorobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
CAP2	1/29/2004	Hexachlorobutadiene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
CAP2	1/29/2004	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
CAP2	1/29/2004	Hexachloroethane	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
CAP2	1/29/2004	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
CAP2	1/29/2004	Indeno (1,2,3-CD) Pyrene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
CAP2	1/29/2004	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
CAP2	1/29/2004	Isobutyl Alcohol	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
CAP2	1/29/2004	Isodrin	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
CAP2	1/29/2004	Isophorone	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
CAP2	1/29/2004	Isosafrole	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
CAP2	1/29/2004	Methacrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
CAP2	1/29/2004	Methapyrilene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
CAP2	1/29/2004	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
CAP2	1/29/2004	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
CAP2	1/29/2004	Methyl Ethyl Ketone	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
CAP2	1/29/2004	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
CAP2	1/29/2004	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
CAP2	1/29/2004	Methyl Methanesulfonate	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
CAP2	1/29/2004	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
CAP2	1/29/2004	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
CAP2	1/29/2004	Naphthalene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
CAP2	1/29/2004	N-Dioctyl Phthalate	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
CAP2	1/29/2004	Nitrobenzene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
CAP2	1/29/2004	N-Nitroso(Methyl)Ethylamine	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
CAP2	1/29/2004	N-Nitrosodiethylamine	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
CAP2	1/29/2004	N-Nitrosodimethylamine	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
CAP2	1/29/2004	N-Nitroso-Di-N-Butylamine	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
CAP2	1/29/2004	N-Nitrosodi-N-Propylamine	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
CAP2	1/29/2004	N-Nitrosodiphenylamine	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
CAP2	1/29/2004	N-Nitrosomorpholine	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
CAP2	1/29/2004	N-Nitrosopiperidine	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
CAP2	1/29/2004	N-Nitrosopyrrolidine	81	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
CAP2	1/29/2004	O,O,O-Triethylphosphorothioate	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
CAP2	1/29/2004	O-Toluidine	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
CAP2	1/29/2004	para-Phenylenediamine	3100	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
CAP2	1/29/2004	Pentachlorobenzene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
CAP2	1/29/2004	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
CAP2	1/29/2004	Pentachloronitrobenzene	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
CAP2	1/29/2004	Pentachlorophenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
CAP2	1/29/2004	Phenacetin	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
CAP2	1/29/2004	Phenanthrene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
CAP2	1/29/2004	Phenol	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
CAP2	1/29/2004	Pronamide	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
CAP2	1/29/2004	Propionitrile	34	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
CAP2	1/29/2004	Pyrene	41	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
CAP2	1/29/2004	Pyridine	81	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
CAP2	1/29/2004	Safrole	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
CAP2	1/29/2004	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
CAP2	1/29/2004	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
CAP2	1/29/2004	Tetraethyl Dithiopyrophosphate	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
CAP2	1/29/2004	Thionazin	81	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
CAP2	1/29/2004	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
CAP2	1/29/2004	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
CAP2	1/29/2004	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
CAP2	1/29/2004	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
CAP2	1/29/2004	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
CAP2	1/29/2004	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
CAP2	1/29/2004	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
CAP2	1/29/2004	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
CAP2	1/29/2004	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
ENTRYPOINT	6/16/2005	1,1,1,2-Tetrachloroethane	2.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
ENTRYPOINT	6/16/2005	1,1,1-Trichloroethane	0.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
ENTRYPOINT	6/16/2005	1,1,2,2-Tetrachloroethane	2.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
ENTRYPOINT	6/16/2005	1,1,2-Trichloroethane	2.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
ENTRYPOINT	6/16/2005	1,1-Dichloroethane	0.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
ENTRYPOINT	6/16/2005	1,1-Dichloroethene	0.58	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
ENTRYPOINT	6/16/2005	1,2,3-Trichloropropane	3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
ENTRYPOINT	6/16/2005	1,2,4,5-Tetrachlorobenzene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
ENTRYPOINT	6/16/2005	1,2,4-Trichlorobenzene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
ENTRYPOINT	6/16/2005	1,2-Dibromo-3-Chloropropane	3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
ENTRYPOINT	6/16/2005	1,2-Dibromoethane (EDB)	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
ENTRYPOINT	6/16/2005	1,2-Dichlorobenzene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
ENTRYPOINT	6/16/2005	1,2-Dichloroethane	0.91	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
ENTRYPOINT	6/16/2005	1,2-Dichloropropane	0.97	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
ENTRYPOINT	6/16/2005	1,3,5-Trinitrobenzene	71	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
ENTRYPOINT	6/16/2005	1,3-Dichlorobenzene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
ENTRYPOINT	6/16/2005	1,3-Dinitrobenzene	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
ENTRYPOINT	6/16/2005	1,4-Dichlorobenzene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
ENTRYPOINT	6/16/2005	1,4-Dioxane	34	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
ENTRYPOINT	6/16/2005	1,4-Naphthoquinone	830	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
ENTRYPOINT	6/16/2005	1-Naphthylamine	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
ENTRYPOINT	6/16/2005	2,3,4,6-Tetrachlorophenol	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
ENTRYPOINT	6/16/2005	2,4,5-Trichlorophenol	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
ENTRYPOINT	6/16/2005	2,4,6-Trichlorophenol	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
ENTRYPOINT	6/16/2005	2,4-Dichlorophenol	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
ENTRYPOINT	6/16/2005	2,4-Dimethylphenol	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
ENTRYPOINT	6/16/2005	2,4-Dinitrophenol	310	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
ENTRYPOINT	6/16/2005	2,4-Dinitrotoluene	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
ENTRYPOINT	6/16/2005	2,6-Dichlorophenol	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
ENTRYPOINT	6/16/2005	2,6-Dinitrotoluene	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
ENTRYPOINT	6/16/2005	2-Acetylaminofluorene	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
ENTRYPOINT	6/16/2005	2-Chloronaphthalene	8.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
ENTRYPOINT	6/16/2005	2-Chlorophenol	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
ENTRYPOINT	6/16/2005	2-Hexanone	3.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
ENTRYPOINT	6/16/2005	2-Methylnaphthalene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
ENTRYPOINT	6/16/2005	2-Methylphenol (O-Cresol)	8.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
ENTRYPOINT	6/16/2005	2-Naphthylamine	100	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
ENTRYPOINT	6/16/2005	2-Nitroaniline	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
ENTRYPOINT	6/16/2005	2-Nitrophenol	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
ENTRYPOINT	6/16/2005	2-Picoline	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
ENTRYPOINT	6/16/2005	3,3'-Dichlorobenzidine	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
ENTRYPOINT	6/16/2005	3,3'-Dimethylbenzidine	1400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
ENTRYPOINT	6/16/2005	3-Methylcholanthrene	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
ENTRYPOINT	6/16/2005	3-Nitroaniline	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
ENTRYPOINT	6/16/2005	4,6-Dinitro-2-Methylphenol	830	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
ENTRYPOINT	6/16/2005	4-Aminobiphenyl	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
ENTRYPOINT	6/16/2005	4-Bromophenyl Phenyl Ether	8.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
ENTRYPOINT	6/16/2005	4-Chloro-3-Methylphenol	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
ENTRYPOINT	6/16/2005	4-Chloroaniline	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
ENTRYPOINT	6/16/2005	4-Chlorophenyl Phenyl Ether	9.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
ENTRYPOINT	6/16/2005	4-Dimethylaminoazobenzene	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
ENTRYPOINT	6/16/2005	4-Methylphenol (P-Cresol)	19	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
ENTRYPOINT	6/16/2005	4-Nitroaniline	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
ENTRYPOINT	6/16/2005	4-Nitrophenol	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
ENTRYPOINT	6/16/2005	4-Nitroquinoline-N-Oxide	830	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
ENTRYPOINT	6/16/2005	5-Nitro-Ortho-Toluidine	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
ENTRYPOINT	6/16/2005	7,12-Dimethylbenz[A]Anthracene	68	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
ENTRYPOINT	6/16/2005	Acenaphthene	120	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
ENTRYPOINT	6/16/2005	Acenaphthylene	8.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
ENTRYPOINT	6/16/2005	Acetone	5.3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
ENTRYPOINT	6/16/2005	Acetonitrile	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
ENTRYPOINT	6/16/2005	Acetophenone	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
ENTRYPOINT	6/16/2005	Acrolein	9.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
ENTRYPOINT	6/16/2005	Acrylonitrile	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
ENTRYPOINT	6/16/2005	Allyl Chloride	0.73	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
ENTRYPOINT	6/16/2005	Alpha,Alpha-Dimethylphenethylamine	810	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
ENTRYPOINT	6/16/2005	Aniline	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
ENTRYPOINT	6/16/2005	Anthracene	330	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
ENTRYPOINT	6/16/2005	Antimony	0.31	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
ENTRYPOINT	6/16/2005	Aramite	84	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
ENTRYPOINT	6/16/2005	Arsenic	1.9	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
ENTRYPOINT	6/16/2005	Benzo[A]Pyrene	580	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
ENTRYPOINT	6/16/2005	Barium	16.8	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
ENTRYPOINT	6/16/2005	Benzene	0.37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
ENTRYPOINT	6/16/2005	Benzo(A)Anthracene	730	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
ENTRYPOINT	6/16/2005	Benzo(B)Fluoranthene	500	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
ENTRYPOINT	6/16/2005	Benzo(G,H,I)Perylene	300	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
ENTRYPOINT	6/16/2005	Benzo(K)Fluoranthene	450	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
ENTRYPOINT	6/16/2005	Benzyl Alcohol	46	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
ENTRYPOINT	6/16/2005	Beryllium	0.0074	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
ENTRYPOINT	6/16/2005	Biphenyl	68	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
ENTRYPOINT	6/16/2005	Bis(2-Chloro-1-Methylethyl) Ether	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
ENTRYPOINT	6/16/2005	Bis(2-Chloroethoxy)Methane	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
ENTRYPOINT	6/16/2005	Bis(2-Chloroethyl)Ether	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
ENTRYPOINT	6/16/2005	Bis(2-Ethylhexyl)Phthalate	120	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
ENTRYPOINT	6/16/2005	Bromodichloromethane	1.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
ENTRYPOINT	6/16/2005	Bromoform	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
ENTRYPOINT	6/16/2005	Butyl Benzyl Phthalate	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
ENTRYPOINT	6/16/2005	Cadmium	0.034	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
ENTRYPOINT	6/16/2005	Carbon Disulfide	0.74	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
ENTRYPOINT	6/16/2005	Carbon Tetrachloride	0.75	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
ENTRYPOINT	6/16/2005	Chlorobenzene	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
ENTRYPOINT	6/16/2005	Chlorobenzilate	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
ENTRYPOINT	6/16/2005	Chlorodibromomethane	2.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
ENTRYPOINT	6/16/2005	Chloroform	0.64	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
ENTRYPOINT	6/16/2005	Chloroprene	0.69	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
ENTRYPOINT	6/16/2005	Chromium	16.5	MG/KG	J	J		Y	0-2 Feet	FS	Soil	Site Background	42.7
ENTRYPOINT	6/16/2005	Chrysene	780	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
ENTRYPOINT	6/16/2005	cis-1,2 Dichloroethene	0.45	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
ENTRYPOINT	6/16/2005	cis-1,3-Dichloropropene	1.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
ENTRYPOINT	6/16/2005	Cobalt	0.88	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
ENTRYPOINT	6/16/2005	Copper	0.56	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
ENTRYPOINT	6/16/2005	Diallate	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
ENTRYPOINT	6/16/2005	Dibenz(A,H)Anthracene	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
ENTRYPOINT	6/16/2005	Dibenzofuran	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
ENTRYPOINT	6/16/2005	Dichlorodifluoromethane	1.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
ENTRYPOINT	6/16/2005	Diethyl Phthalate	8.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
ENTRYPOINT	6/16/2005	Diethylene Glycol	2700	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
ENTRYPOINT	6/16/2005	Dimethoate	58	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
ENTRYPOINT	6/16/2005	Dimethyl Phthalate	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
ENTRYPOINT	6/16/2005	Dimethyl Terephthalate	77	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
ENTRYPOINT	6/16/2005	Di-N-Butyl Phthalate	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
ENTRYPOINT	6/16/2005	Diphenyl Amine	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
ENTRYPOINT	6/16/2005	Diphenyl Ether	74	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
ENTRYPOINT	6/16/2005	Ethyl Chloride	0.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
ENTRYPOINT	6/16/2005	Ethyl Methacrylate	2.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
ENTRYPOINT	6/16/2005	Ethyl Methanesulfonate	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
ENTRYPOINT	6/16/2005	Ethylbenzene	3.7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
ENTRYPOINT	6/16/2005	Ethylene Glycol	2600	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
ENTRYPOINT	6/16/2005	Fluoranthene	1500	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
ENTRYPOINT	6/16/2005	Fluorene	110	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
ENTRYPOINT	6/16/2005	Hexachlorobenzene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
ENTRYPOINT	6/16/2005	Hexachlorobutadiene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
ENTRYPOINT	6/16/2005	Hexachlorocyclopentadiene	2100	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
ENTRYPOINT	6/16/2005	Hexachloroethane	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
ENTRYPOINT	6/16/2005	Hexachloropropylene	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
ENTRYPOINT	6/16/2005	Hexane	0.88	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.40E+05
ENTRYPOINT	6/16/2005	Indeno (1,2,3-CD) Pyrene	330	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
ENTRYPOINT	6/16/2005	Iodomethane	0.43	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
ENTRYPOINT	6/16/2005	Isobutyl Alcohol	39	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
ENTRYPOINT	6/16/2005	Isodrin	9.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
ENTRYPOINT	6/16/2005	Isophorone	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
ENTRYPOINT	6/16/2005	Isosafrole	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
ENTRYPOINT	6/16/2005	Lead	12.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
ENTRYPOINT	6/16/2005	Mercury	0.064	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
ENTRYPOINT	6/16/2005	Methacrylonitrile	7.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
ENTRYPOINT	6/16/2005	Methanol	1800	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
ENTRYPOINT	6/16/2005	Methapyrilene	130	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
ENTRYPOINT	6/16/2005	Methyl Bromide	0.57	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
ENTRYPOINT	6/16/2005	Methyl Chloride	0.63	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
ENTRYPOINT	6/16/2005	Methyl Ethyl Ketone	2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
ENTRYPOINT	6/16/2005	Methyl Isobutyl Ketone	3.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
ENTRYPOINT	6/16/2005	Methyl Methacrylate	2.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
ENTRYPOINT	6/16/2005	Methyl Methanesulfonate	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
ENTRYPOINT	6/16/2005	Methylene Bromide	1.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
ENTRYPOINT	6/16/2005	Methylene Chloride	1.4	UG/KG	J B	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
ENTRYPOINT	6/16/2005	Naphthalene	25	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
ENTRYPOINT	6/16/2005	N-Dioctyl Phthalate	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
ENTRYPOINT	6/16/2005	Nickel	3.5	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
ENTRYPOINT	6/16/2005	Nitrobenzene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
ENTRYPOINT	6/16/2005	N-Nitroso(Methyl)Ethylamine	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
ENTRYPOINT	6/16/2005	N-Nitrosodiethylamine	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
ENTRYPOINT	6/16/2005	N-Nitrosodimethylamine	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
ENTRYPOINT	6/16/2005	N-Nitroso-Di-N-Butylamine	8.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
ENTRYPOINT	6/16/2005	N-Nitrosodi-N-Propylamine	42	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
ENTRYPOINT	6/16/2005	N-Nitrosodiphenylamine	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
ENTRYPOINT	6/16/2005	N-Nitrosomorpholine	47	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
ENTRYPOINT	6/16/2005	N-Nitrosopiperidine	9.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
ENTRYPOINT	6/16/2005	N-Nitrosopyrrolidine	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
ENTRYPOINT	6/16/2005	O,O,O-Triethylphosphorothioate	40	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
ENTRYPOINT	6/16/2005	O-Toluidine	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
ENTRYPOINT	6/16/2005	para-Phenylenediamine	770	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
ENTRYPOINT	6/16/2005	Pentachlorobenzene	8.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
ENTRYPOINT	6/16/2005	Pentachloroethane	2.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
ENTRYPOINT	6/16/2005	Pentachloronitrobenzene	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
ENTRYPOINT	6/16/2005	Pentachlorophenol	830	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
ENTRYPOINT	6/16/2005	Phenacetin	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
ENTRYPOINT	6/16/2005	Phenanthrene	1000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
ENTRYPOINT	6/16/2005	Phenol	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
ENTRYPOINT	6/16/2005	Pronamide	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
ENTRYPOINT	6/16/2005	Propionitrile	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
ENTRYPOINT	6/16/2005	Propylene Glycol	3300	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
ENTRYPOINT	6/16/2005	Pyrene	1100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
ENTRYPOINT	6/16/2005	Pyridine	170	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
ENTRYPOINT	6/16/2005	Safrole	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
ENTRYPOINT	6/16/2005	Selenium	0.38	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
ENTRYPOINT	6/16/2005	Silver	0.36	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
ENTRYPOINT	6/16/2005	Styrene	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
ENTRYPOINT	6/16/2005	Terephthalic Acid	6.2	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
ENTRYPOINT	6/16/2005	Tetrachloroethene	0.69	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
ENTRYPOINT	6/16/2005	Tetraethyl Dithiopyrophosphate	51	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
ENTRYPOINT	6/16/2005	Thallium	0.32	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
ENTRYPOINT	6/16/2005	Thionazin	45	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
ENTRYPOINT	6/16/2005	Tin	1.4	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
ENTRYPOINT	6/16/2005	Toluene	2.7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
ENTRYPOINT	6/16/2005	trans-1,2-Dichloroethene	0.59	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
ENTRYPOINT	6/16/2005	trans-1,3-Dichloropropene	2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
ENTRYPOINT	6/16/2005	Trichloroethene	0.67	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
ENTRYPOINT	6/16/2005	Trichlorofluoromethane	0.76	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
ENTRYPOINT	6/16/2005	Triethylene Glycol	3500	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
ENTRYPOINT	6/16/2005	Vanadium	23.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
ENTRYPOINT	6/16/2005	Vinyl Acetate	0.77	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
ENTRYPOINT	6/16/2005	Vinyl Chloride	0.52	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
ENTRYPOINT	6/16/2005	Xylenes	15	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
ENTRYPOINT	6/16/2005	Zinc	7.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
GI-10	11/16/1999	1,1-Dichloroethene	11	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GI-10	11/16/1999	cis-1,2 Dichloroethene	11	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GI-10	11/16/1999	trans-1,2-Dichloroethene	11	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GI-10	11/16/1999	Trichloroethene	11	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GI-10	11/16/1999	Vinyl Chloride	11	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
HSB-07	2/12/2007	2-Methylnaphthalene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-07	2/12/2007	Acenaphthene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-07	2/12/2007	Acenaphthylene	8.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-07	2/12/2007	Anthracene	8.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-07	2/12/2007	Arsenic	3.6	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-07	2/12/2007	Barium	29.9	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-07	2/12/2007	Benzo(A)Anthracene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Benzo(B)Fluoranthene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Benzo(G,H,I)Perylene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-07	2/12/2007	Benzo(K)Fluoranthene	380	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-07	2/12/2007	Benzo[A]Pyrene	21	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-07	2/12/2007	Cadmium	0.066	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-07	2/12/2007	Chromium	24.3	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-07	2/12/2007	Chrysene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-07	2/12/2007	Dibenz(A,H)Anthracene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-07	2/12/2007	Fluoranthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-07	2/12/2007	Fluorene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-07	2/12/2007	Indeno (1,2,3-CD) Pyrene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Lead	10.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-07	2/12/2007	Mercury	0.069	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-07	2/12/2007	Naphthalene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-07	2/12/2007	Phenanthrene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-07	2/12/2007	Pyrene	22	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-07	2/12/2007	Selenium	0.55	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-07	2/12/2007	Silver	0.14	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-08	2/12/2007	2-Methylnaphthalene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-08	2/12/2007	Acenaphthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-08	2/12/2007	Acenaphthylene	7.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-08	2/12/2007	Anthracene	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-08	2/12/2007	Arsenic	2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-08	2/12/2007	Barium	13.7	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-08	2/12/2007	Benzo(A)Anthracene	50	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-08	2/12/2007	Benzo(B)Fluoranthene	60	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-08	2/12/2007	Benzo(G,H,I)Perylene	38	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-08	2/12/2007	Benzo(K)Fluoranthene	360	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-08	2/12/2007	Benzo[A]Pyrene	52	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-08	2/12/2007	Cadmium	0.063	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-08	2/12/2007	Chromium	19.3	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-08	2/12/2007	Chrysene	58	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-08	2/12/2007	Dibenz(A,H)Anthracene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-08	2/12/2007	Fluoranthene	73	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-08	2/12/2007	Fluorene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-08	2/12/2007	Indeno (1,2,3-CD) Pyrene	36	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-08	2/12/2007	Lead	9.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-08	2/12/2007	Mercury	0.023	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-08	2/12/2007	Naphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-08	2/12/2007	Phenanthrene	66	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-08	2/12/2007	Pyrene	87	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-08	2/12/2007	Selenium	0.32	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-08	2/12/2007	Silver	0.13	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-09	2/12/2007	2-Methylnaphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-09	2/12/2007	Acenaphthene	11	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-09	2/12/2007	Acenaphthylene	6.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-09	2/12/2007	Anthracene	15	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-09	2/12/2007	Arsenic	1.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-09	2/12/2007	Barium	12.3	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-09	2/12/2007	Benzo(A)Anthracene	44	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-09	2/12/2007	Benzo(B)Fluoranthene	44	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-09	2/12/2007	Benzo(G,H,I)Perylene	17	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-09	2/12/2007	Benzo(K)Fluoranthene	320	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-09	2/12/2007	Benzo[A]Pyrene	44	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-09	2/12/2007	Cadmium	0.2	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-09	2/12/2007	Chromium	18.1	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-09	2/12/2007	Chrysene	50	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-09	2/12/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-09	2/12/2007	Fluoranthene	67	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-09	2/12/2007	Fluorene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-09	2/12/2007	Indeno (1,2,3-CD) Pyrene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-09	2/12/2007	Lead	6.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-09	2/12/2007	Mercury	0.01	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-09	2/12/2007	Naphthalene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-09	2/12/2007	Phenanthrene	67	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-09	2/12/2007	Pyrene	69	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-09	2/12/2007	Selenium	0.21	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-09	2/12/2007	Silver	0.11	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-10	2/13/2007	2-Methylnaphthalene	71	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-10	2/13/2007	Acenaphthene	480	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-10	2/13/2007	Acenaphthylene	7.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-10	2/13/2007	Anthracene	710	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-10	2/13/2007	Arsenic	0.96	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-10	2/13/2007	Benzo[A]Pyrene	830	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-10	2/13/2007	Barium	14.1	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-10	2/13/2007	Benzo(A)Anthracene	960	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-10	2/13/2007	Benzo(B)Fluoranthene	660	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-10	2/13/2007	Benzo(G,H,I)Perylene	430	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-10	2/13/2007	Benzo(K)Fluoranthene	560	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-10	2/13/2007	Cadmium	0.06	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-10	2/13/2007	Chromium	9.9	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-10	2/13/2007	Chrysene	930	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-10	2/13/2007	Dibenz(A,H)Anthracene	56	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-10	2/13/2007	Fluoranthene	2200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-10	2/13/2007	Fluorene	460	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-10	2/13/2007	Indeno (1,2,3-CD) Pyrene	460	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-10	2/13/2007	Lead	7.1	MG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-10	2/13/2007	Mercury	0.031	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-10	2/13/2007	Naphthalene	130	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-10	2/13/2007	Phenanthrene	2100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-10	2/13/2007	Pyrene	1500	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-10	2/13/2007	Selenium	0.47	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-10	2/13/2007	Silver	0.13	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-11	2/13/2007	2-Methylnaphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-11	2/13/2007	Acenaphthene	200	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-11	2/13/2007	Acenaphthylene	7.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-11	2/13/2007	Anthracene	350	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-11	2/13/2007	Arsenic	1.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-11	2/13/2007	Benzo[A]Pyrene	490	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-11	2/13/2007	Barium	15.1	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-11	2/13/2007	Benzo(A)Anthracene	520	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-11	2/13/2007	Benzo(B)Fluoranthene	390	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-11	2/13/2007	Benzo(G,H,I)Perylene	260	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-11	2/13/2007	Benzo(K)Fluoranthene	410	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-11	2/13/2007	Cadmium	0.054	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-11	2/13/2007	Chromium	17.2	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-11	2/13/2007	Chrysene	510	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-11	2/13/2007	Dibenz(A,H)Anthracene	29	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-11	2/13/2007	Fluoranthene	1200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-11	2/13/2007	Fluorene	210	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-11	2/13/2007	Indeno (1,2,3-CD) Pyrene	290	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-11	2/13/2007	Lead	8	MG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-11	2/13/2007	Mercury	0.02	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-11	2/13/2007	Naphthalene	20	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-11	2/13/2007	Phenanthrene	830	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-11	2/13/2007	Pyrene	860	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-11	2/13/2007	Selenium	0.56	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-11	2/13/2007	Silver	0.11	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-12	2/13/2007	2-Methylnaphthalene	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-12	2/13/2007	Acenaphthene	100	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-12	2/13/2007	Acenaphthylene	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-12	2/13/2007	Anthracene	180	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-12	2/13/2007	Arsenic	1.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-12	2/13/2007	Benzo[A]Pyrene	320	UG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-12	2/13/2007	Barium	11.7	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-12	2/13/2007	Benzo(A)Anthracene	360	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-12	2/13/2007	Benzo(B)Fluoranthene	260	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-12	2/13/2007	Benzo(G,H,I)Perylene	170	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-12	2/13/2007	Benzo(K)Fluoranthene	370	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-12	2/13/2007	Cadmium	0.058	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-12	2/13/2007	Chromium	11	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-12	2/13/2007	Chrysene	360	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-12	2/13/2007	Dibenz(A,H)Anthracene	21	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-12	2/13/2007	Fluoranthene	750	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-12	2/13/2007	Fluorene	88	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-12	2/13/2007	Indeno (1,2,3-CD) Pyrene	190	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-12	2/13/2007	Lead	8.6	MG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-12	2/13/2007	Mercury	0.028	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-12	2/13/2007	Naphthalene	39	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-12	2/13/2007	Phenanthrene	620	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-12	2/13/2007	Pyrene	590	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-12	2/13/2007	Selenium	0.47	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-12	2/13/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-13	2/13/2007	2-Methylnaphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-13	2/13/2007	Acenaphthene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-13	2/13/2007	Acenaphthylene	7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-13	2/13/2007	Anthracene	6.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-13	2/13/2007	Arsenic	0.95	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-13	2/13/2007	Barium	14.2	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-13	2/13/2007	Benzo(A)Anthracene	35	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-13	2/13/2007	Benzo(B)Fluoranthene	35	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-13	2/13/2007	Benzo(G,H,I)Perylene	27	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-13	2/13/2007	Benzo(K)Fluoranthene	320	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-13	2/13/2007	Benzo[A]Pyrene	40	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-13	2/13/2007	Cadmium	0.055	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-13	2/13/2007	Chromium	11.2	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-13	2/13/2007	Chrysene	39	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-13	2/13/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-13	2/13/2007	Fluoranthene	42	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-13	2/13/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-13	2/13/2007	Indeno (1,2,3-CD) Pyrene	25	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-13	2/13/2007	Lead	10.7	MG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-13	2/13/2007	Mercury	0.018	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-13	2/13/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-13	2/13/2007	Phenanthrene	25	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-13	2/13/2007	Pyrene	52	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-13	2/13/2007	Selenium	0.21	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-13	2/13/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-14	2/13/2007	2-Methylnaphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-14	2/13/2007	Acenaphthene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-14	2/13/2007	Acenaphthylene	7.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-14	2/13/2007	Anthracene	6.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-14	2/13/2007	Arsenic	1.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-14	2/13/2007	Barium	13	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-14	2/13/2007	Benzo(A)Anthracene	23	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-14	2/13/2007	Benzo(B)Fluoranthene	31	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-14	2/13/2007	Benzo(G,H,I)Perylene	21	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-14	2/13/2007	Benzo(K)Fluoranthene	330	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-14	2/13/2007	Benzo[A]Pyrene	28	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-14	2/13/2007	Cadmium	0.059	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-14	2/13/2007	Chromium	21.6	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-14	2/13/2007	Chrysene	27	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-14	2/13/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-14	2/13/2007	Fluoranthene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-14	2/13/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-14	2/13/2007	Indeno (1,2,3-CD) Pyrene	21	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-14	2/13/2007	Lead	21.9	MG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-14	2/13/2007	Mercury	0.035	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-14	2/13/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-14	2/13/2007	Phenanthrene	15	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-14	2/13/2007	Pyrene	34	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-14	2/13/2007	Selenium	0.92	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-14	2/13/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-15	2/13/2007	2-Methylnaphthalene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-15	2/13/2007	Acenaphthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-15	2/13/2007	Acenaphthylene	15	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-15	2/13/2007	Anthracene	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-15	2/13/2007	Arsenic	1.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-15	2/13/2007	Barium	17.6	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-15	2/13/2007	Benzo(A)Anthracene	56	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-15	2/13/2007	Benzo(B)Fluoranthene	110	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-15	2/13/2007	Benzo(G,H,I)Perylene	76	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-15	2/13/2007	Benzo(K)Fluoranthene	360	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-15	2/13/2007	Benzo[A]Pyrene	87	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-15	2/13/2007	Cadmium	0.058	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-15	2/13/2007	Chromium	18.6	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-15	2/13/2007	Chrysene	85	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-15	2/13/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-15	2/13/2007	Fluoranthene	44	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-15	2/13/2007	Fluorene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-15	2/13/2007	Indeno (1,2,3-CD) Pyrene	68	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-15	2/13/2007	Lead	15.5	MG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-15	2/13/2007	Mercury	0.021	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-15	2/13/2007	Naphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-15	2/13/2007	Phenanthrene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-15	2/13/2007	Pyrene	78	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-15	2/13/2007	Selenium	1.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-15	2/13/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-16	2/13/2007	2-Methylnaphthalene	67	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-16	2/13/2007	Acenaphthene	320	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-16	2/13/2007	Acenaphthylene	7.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-16	2/13/2007	Anthracene	630	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-16	2/13/2007	Arsenic	0.94	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-16	2/13/2007	Benzo[A]Pyrene	860	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-16	2/13/2007	Barium	17.5	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-16	2/13/2007	Benzo(A)Anthracene	970	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Benzo(B)Fluoranthene	860	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Benzo(G,H,I)Perylene	430	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-16	2/13/2007	Benzo(K)Fluoranthene	560	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-16	2/13/2007	Cadmium	0.056	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-16	2/13/2007	Chromium	26.8	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-16	2/13/2007	Chrysene	970	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-16	2/13/2007	Dibenz(A,H)Anthracene	52	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-16	2/13/2007	Fluoranthene	2700	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-16	2/13/2007	Fluorene	380	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-16	2/13/2007	Indeno (1,2,3-CD) Pyrene	480	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Lead	10.1	MG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-16	2/13/2007	Mercury	0.033	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-16	2/13/2007	Naphthalene	93	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-16	2/13/2007	Phenanthrene	2300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-16	2/13/2007	Pyrene	1700	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-16	2/13/2007	Selenium	0.21	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-16	2/13/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-17	2/14/2007	2-Methylnaphthalene	14	UG/KG				N	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-17	2/14/2007	Acenaphthene	25	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-17	2/14/2007	Acenaphthylene	7.5	UG/KG				N	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-17	2/14/2007	Anthracene	48	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-17	2/14/2007	Arsenic	1.6	MG/KG				Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-17	2/14/2007	Barium	14.9	MG/KG	B	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-17	2/14/2007	Benzo(A)Anthracene	130	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-17	2/14/2007	Benzo(B)Fluoranthene	350	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-17	2/14/2007	Benzo(G,H,I)Perylene	85	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-17	2/14/2007	Benzo(K)Fluoranthene	110	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-17	2/14/2007	Benzo[A]Pyrene	120	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-17	2/14/2007	Cadmium	0.3	MG/KG	B	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-17	2/14/2007	Chromium	17.1	MG/KG				Y	0.67-2 Feet	FS	Soil	Site Background	42.7
HSB-17	2/14/2007	Chrysene	120	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-17	2/14/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-17	2/14/2007	Fluoranthene	290	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-17	2/14/2007	Fluorene	19	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-17	2/14/2007	Indeno (1,2,3-CD) Pyrene	73	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-17	2/14/2007	Lead	16.1	MG/KG				Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-17	2/14/2007	Mercury	0.01	MG/KG	B J	B		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-17	2/14/2007	Naphthalene	13	UG/KG				N	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-17	2/14/2007	Phenanthrene	180	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-17	2/14/2007	Pyrene	220	UG/KG	J	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-17	2/14/2007	Selenium	0.45	MG/KG	B	J		Y	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-17	2/14/2007	Silver	0.13	MG/KG				N	0.67-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-18	2/14/2007	2-Methylnaphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-18	2/14/2007	Acenaphthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-18	2/14/2007	Acenaphthylene	7.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-18	2/14/2007	Anthracene	7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-18	2/14/2007	Arsenic	1.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-18	2/14/2007	Barium	13.1	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-18	2/14/2007	Benzo(A)Anthracene	17	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-18	2/14/2007	Benzo(B)Fluoranthene	300	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-18	2/14/2007	Benzo(G,H,I)Perylene	20	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-18	2/14/2007	Benzo(K)Fluoranthene	24	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-18	2/14/2007	Benzo[A]Pyrene	23	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-18	2/14/2007	Cadmium	0.057	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-18	2/14/2007	Chromium	6.7	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-18	2/14/2007	Chrysene	20	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-18	2/14/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-18	2/14/2007	Fluoranthene	25	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-18	2/14/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-18	2/14/2007	Indeno (1,2,3-CD) Pyrene	17	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-18	2/14/2007	Lead	6.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-18	2/14/2007	Mercury	0.039	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-18	2/14/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-18	2/14/2007	Phenanthrene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-18	2/14/2007	Pyrene	25	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-18	2/14/2007	Selenium	0.43	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-18	2/14/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-19	2/14/2007	2-Methylnaphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-19	2/14/2007	Acenaphthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-19	2/14/2007	Acenaphthylene	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-19	2/14/2007	Anthracene	7.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-19	2/14/2007	Arsenic	1.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-19	2/14/2007	Barium	15.5	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-19	2/14/2007	Benzo(A)Anthracene	36	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-19	2/14/2007	Benzo(B)Fluoranthene	310	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-19	2/14/2007	Benzo(G,H,I)Perylene	37	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-19	2/14/2007	Benzo(K)Fluoranthene	43	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-19	2/14/2007	Benzo[A]Pyrene	41	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-19	2/14/2007	Cadmium	0.12	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-19	2/14/2007	Chromium	13.3	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-19	2/14/2007	Chrysene	44	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-19	2/14/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-19	2/14/2007	Fluoranthene	71	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-19	2/14/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-19	2/14/2007	Indeno (1,2,3-CD) Pyrene	28	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-19	2/14/2007	Lead	10.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-19	2/14/2007	Mercury	0.026	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-19	2/14/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-19	2/14/2007	Phenanthrene	24	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-19	2/14/2007	Pyrene	62	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-19	2/14/2007	Selenium	0.59	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-19	2/14/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-20	2/14/2007	2-Methylnaphthalene	80	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-20	2/14/2007	Acenaphthene	380	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-20	2/14/2007	Acenaphthylene	17	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-20	2/14/2007	Anthracene	810	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-20	2/14/2007	Arsenic	1.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-20	2/14/2007	Benzo(A)Anthracene	6200	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-20	2/14/2007	Benzo(B)Fluoranthene	6500	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-20	2/14/2007	Benzo[A]Pyrene	8300	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-20	2/14/2007	Dibenz(A,H)Anthracene	1700	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-20	2/14/2007	Indeno (1,2,3-CD) Pyrene	4000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-20	2/14/2007	Barium	12.2	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-20	2/14/2007	Benzo(G,H,I)Perylene	4100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-20	2/14/2007	Benzo(K)Fluoranthene	5200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-20	2/14/2007	Cadmium	0.13	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-20	2/14/2007	Chromium	11.2	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-20	2/14/2007	Chrysene	6200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-20	2/14/2007	Fluoranthene	12000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-20	2/14/2007	Fluorene	250	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-20	2/14/2007	Lead	16.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-20	2/14/2007	Mercury	0.034	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-20	2/14/2007	Naphthalene	83	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-20	2/14/2007	Phenanthrene	4600	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-20	2/14/2007	Pyrene	10000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-20	2/14/2007	Selenium	0.4	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-20	2/14/2007	Silver	0.51	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-21	2/14/2007	2-Methylnaphthalene	24	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-21	2/14/2007	Acenaphthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-21	2/14/2007	Acenaphthylene	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-21	2/14/2007	Anthracene	20	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-21	2/14/2007	Arsenic	4.6	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-21	2/14/2007	Barium	15	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-21	2/14/2007	Benzo(A)Anthracene	90	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-21	2/14/2007	Benzo(B)Fluoranthene	350	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-21	2/14/2007	Benzo(G,H,I)Perylene	80	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-21	2/14/2007	Benzo(K)Fluoranthene	88	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-21	2/14/2007	Benzo[A]Pyrene	94	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-21	2/14/2007	Cadmium	0.17	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-21	2/14/2007	Chromium	11.5	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-21	2/14/2007	Chrysene	98	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-21	2/14/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-21	2/14/2007	Fluoranthene	190	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-21	2/14/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-21	2/14/2007	Indeno (1,2,3-CD) Pyrene	65	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-21	2/14/2007	Lead	8.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-21	2/14/2007	Mercury	0.03	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-21	2/14/2007	Naphthalene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-21	2/14/2007	Phenanthrene	92	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-21	2/14/2007	Pyrene	150	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-21	2/14/2007	Selenium	0.27	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-21	2/14/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-22	2/15/2007	2-Methylnaphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-22	2/15/2007	Acenaphthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-22	2/15/2007	Acenaphthylene	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-22	2/15/2007	Anthracene	8.5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-22	2/15/2007	Arsenic	1.5	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-22	2/15/2007	Barium	16.7	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-22	2/15/2007	Benzo(A)Anthracene	37	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-22	2/15/2007	Benzo(B)Fluoranthene	310	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-22	2/15/2007	Benzo(G,H,I)Perylene	30	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-22	2/15/2007	Benzo(K)Fluoranthene	35	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-22	2/15/2007	Benzo[A]Pyrene	40	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-22	2/15/2007	Cadmium	0.2	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-22	2/15/2007	Chromium	31.7	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-22	2/15/2007	Chrysene	40	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-22	2/15/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-22	2/15/2007	Fluoranthene	72	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-22	2/15/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-22	2/15/2007	Indeno (1,2,3-CD) Pyrene	26	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-22	2/15/2007	Lead	14.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-22	2/15/2007	Mercury	0.029	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-22	2/15/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-22	2/15/2007	Phenanthrene	35	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-22	2/15/2007	Pyrene	59	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-22	2/15/2007	Selenium	0.42	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-22	2/15/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-23	2/15/2007	2-Methylnaphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-23	2/15/2007	Acenaphthene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-23	2/15/2007	Acenaphthylene	7.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-23	2/15/2007	Anthracene	6.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-23	2/15/2007	Arsenic	1.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-23	2/15/2007	Barium	12.5	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-23	2/15/2007	Benzo(A)Anthracene	27	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-23	2/15/2007	Benzo(B)Fluoranthene	290	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-23	2/15/2007	Benzo(G,H,I)Perylene	21	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-23	2/15/2007	Benzo(K)Fluoranthene	28	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-23	2/15/2007	Benzo[A]Pyrene	28	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-23	2/15/2007	Cadmium	0.058	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-23	2/15/2007	Chromium	9.5	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-23	2/15/2007	Chrysene	26	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-23	2/15/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-23	2/15/2007	Fluoranthene	35	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-23	2/15/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-23	2/15/2007	Indeno (1,2,3-CD) Pyrene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-23	2/15/2007	Lead	7.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-23	2/15/2007	Mercury	0.038	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-23	2/15/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-23	2/15/2007	Phenanthrene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-23	2/15/2007	Pyrene	30	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-23	2/15/2007	Selenium	0.56	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-23	2/15/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-24	2/15/2007	2-Methylnaphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-24	2/15/2007	Acenaphthene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-24	2/15/2007	Acenaphthylene	7.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-24	2/15/2007	Anthracene	19	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-24	2/15/2007	Arsenic	0.96	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-24	2/15/2007	Barium	14.1	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-24	2/15/2007	Benzo(A)Anthracene	71	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-24	2/15/2007	Benzo(B)Fluoranthene	310	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-24	2/15/2007	Benzo(G,H,I)Perylene	49	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-24	2/15/2007	Benzo(K)Fluoranthene	71	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-24	2/15/2007	Benzo[A]Pyrene	69	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-24	2/15/2007	Cadmium	0.055	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-24	2/15/2007	Chromium	12.9	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-24	2/15/2007	Chrysene	69	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-24	2/15/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-24	2/15/2007	Fluoranthene	150	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-24	2/15/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-24	2/15/2007	Indeno (1,2,3-CD) Pyrene	43	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-24	2/15/2007	Lead	6.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-24	2/15/2007	Mercury	0.031	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-24	2/15/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-24	2/15/2007	Phenanthrene	79	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-24	2/15/2007	Pyrene	110	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-24	2/15/2007	Selenium	0.47	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-24	2/15/2007	Silver	0.28	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-25	2/15/2007	2-Methylnaphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-25	2/15/2007	Acenaphthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-25	2/15/2007	Acenaphthylene	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-25	2/15/2007	Anthracene	7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-25	2/15/2007	Arsenic	1.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-25	2/15/2007	Barium	12.5	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-25	2/15/2007	Benzo(A)Anthracene	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-25	2/15/2007	Benzo(B)Fluoranthene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-25	2/15/2007	Benzo(G,H,I)Perylene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-25	2/15/2007	Benzo(K)Fluoranthene	13	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-25	2/15/2007	Benzo[A]Pyrene	15	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-25	2/15/2007	Cadmium	0.056	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-25	2/15/2007	Chromium	12.7	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
HSB-25	2/15/2007	Chrysene	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-25	2/15/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-25	2/15/2007	Fluoranthene	25	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-25	2/15/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-25	2/15/2007	Indeno (1,2,3-CD) Pyrene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-25	2/15/2007	Lead	12.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-25	2/15/2007	Mercury	0.042	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-25	2/15/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-25	2/15/2007	Phenanthrene	24	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-25	2/15/2007	Pyrene	21	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-25	2/15/2007	Selenium	0.22	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-25	2/15/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-26	2/15/2007	2-Methylnaphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-26	2/15/2007	Acenaphthene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-26	2/15/2007	Acenaphthylene	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-26	2/15/2007	Anthracene	9.3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-26	2/15/2007	Arsenic	2.4	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-26	2/15/2007	Barium	11.6	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-26	2/15/2007	Benzo(A)Anthracene	32	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-26	2/15/2007	Benzo(B)Fluoranthene	300	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-26	2/15/2007	Benzo(G,H,I)Perylene	22	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-26	2/15/2007	Benzo(K)Fluoranthene	31	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-26	2/15/2007	Benzo[A]Pyrene	36	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-26	2/15/2007	Cadmium	0.057	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-26	2/15/2007	Chromium	12.4	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-26	2/15/2007	Chrysene	34	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-26	2/15/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-26	2/15/2007	Fluoranthene	70	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-26	2/15/2007	Fluorene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-26	2/15/2007	Indeno (1,2,3-CD) Pyrene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-26	2/15/2007	Lead	9.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-26	2/15/2007	Mercury	0.042	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-26	2/15/2007	Naphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-26	2/15/2007	Phenanthrene	34	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-26	2/15/2007	Pyrene	55	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-26	2/15/2007	Selenium	0.46	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-26	2/15/2007	Silver	0.12	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
KI-5	11/16/1999	1,1-Dichloroethene	12	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
KI-5	11/16/1999	1,1-Dichloroethene	12	UG/KG				N	0-1 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
KI-5	11/16/1999	cis-1,2 Dichloroethene	12	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
KI-5	11/16/1999	cis-1,2 Dichloroethene	12	UG/KG				N	0-1 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
KI-5	11/16/1999	trans-1,2-Dichloroethene	12	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
KI-5	11/16/1999	trans-1,2-Dichloroethene	12	UG/KG				N	0-1 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
KI-5	11/16/1999	Trichloroethene	12	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
KI-5	11/16/1999	Trichloroethene	12	UG/KG				N	0-1 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
KI-5	11/16/1999	Vinyl Chloride	12	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
KI-5	11/16/1999	Vinyl Chloride	12	UG/KG				N	0-1 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
KI-6	11/16/1999	1,1-Dichloroethene	9	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
KI-6	12/21/1999	1,1-Dichloroethene	8	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
KI-6	3/29/2000	1,1-Dichloroethene	6	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
KI-6	11/16/1999	cis-1,2 Dichloroethene	19	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
KI-6	12/21/1999	cis-1,2 Dichloroethene	18	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
KI-6	3/29/2000	cis-1,2 Dichloroethene	6	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
KI-6	11/16/1999	trans-1,2-Dichloroethene	9	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
KI-6	12/21/1999	trans-1,2-Dichloroethene	8	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
KI-6	3/29/2000	trans-1,2-Dichloroethene	6	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
KI-6	11/16/1999	Trichloroethene	9	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
KI-6	12/21/1999	Trichloroethene	8	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
KI-6	3/29/2000	Trichloroethene	6	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
KI-6	11/16/1999	Vinyl Chloride	9	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
KI-6	12/21/1999	Vinyl Chloride	8	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
KI-6	3/29/2000	Vinyl Chloride	6	UG/KG				N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
MIDWAYEAST	6/16/2005	1,1,1,2-Tetrachloroethane	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
MIDWAYEAST	6/16/2005	1,1,1-Trichloroethane	0.56	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
MIDWAYEAST	6/16/2005	1,1,2,2-Tetrachloroethane	2.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
MIDWAYEAST	6/16/2005	1,1,2-Trichloroethane	2.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
MIDWAYEAST	6/16/2005	1,1-Dichloroethane	0.38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYEAST	6/16/2005	1,1-Dichloroethene	0.55	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
MIDWAYEAST	6/16/2005	1,2,3-Trichloropropane	2.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
MIDWAYEAST	6/16/2005	1,2,4,5-Tetrachlorobenzene	11	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
MIDWAYEAST	6/16/2005	1,2,4-Trichlorobenzene	15	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
MIDWAYEAST	6/16/2005	1,2-Dibromo-3-Chloropropane	2.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
MIDWAYEAST	6/16/2005	1,2-Dibromoethane (EDB)	2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
MIDWAYEAST	6/16/2005	1,2-Dichlorobenzene	11	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
MIDWAYEAST	6/16/2005	1,2-Dichloroethane	0.85	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
MIDWAYEAST	6/16/2005	1,2-Dichloropropane	0.91	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
MIDWAYEAST	6/16/2005	1,3,5-Trinitrobenzene	63	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
MIDWAYEAST	6/16/2005	1,3-Dichlorobenzene	12	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYEAST	6/16/2005	1,3-Dinitrobenzene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
MIDWAYEAST	6/16/2005	1,4-Dichlorobenzene	13	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
MIDWAYEAST	6/16/2005	1,4-Dioxane	32	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYEAST	6/16/2005	1,4-Naphthoquinone	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
MIDWAYEAST	6/16/2005	1-Naphthylamine	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
MIDWAYEAST	6/16/2005	2,3,4,6-Tetrachlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
MIDWAYEAST	6/16/2005	2,4,5-Trichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYEAST	6/16/2005	2,4,6-Trichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
MIDWAYEAST	6/16/2005	2,4-Dichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYEAST	6/16/2005	2,4-Dimethylphenol	9.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
MIDWAYEAST	6/16/2005	2,4-Dinitrophenol	280	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
MIDWAYEAST	6/16/2005	2,4-Dinitrotoluene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
MIDWAYEAST	6/16/2005	2,6-Dichlorophenol	150	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
MIDWAYEAST	6/16/2005	2,6-Dinitrotoluene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYEAST	6/16/2005	2-Acetylaminofluorene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
MIDWAYEAST	6/16/2005	2-Chloronaphthalene	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
MIDWAYEAST	6/16/2005	2-Chlorophenol	37	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
MIDWAYEAST	6/16/2005	2-Hexanone	3.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
MIDWAYEAST	6/16/2005	2-Methylnaphthalene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
MIDWAYEAST	6/16/2005	2-Methylphenol (O-Cresol)	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYEAST	6/16/2005	2-Naphthylamine	93	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
MIDWAYEAST	6/16/2005	2-Nitroaniline	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
MIDWAYEAST	6/16/2005	2-Nitrophenol	150	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
MIDWAYEAST	6/16/2005	2-Picoline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
MIDWAYEAST	6/16/2005	3,3'-Dichlorobenzidine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
MIDWAYEAST	6/16/2005	3,3'-Dimethylbenzidine	1200	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
MIDWAYEAST	6/16/2005	3-Methylcholanthrene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
MIDWAYEAST	6/16/2005	3-Nitroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
MIDWAYEAST	6/16/2005	4,6-Dinitro-2-Methylphenol	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
MIDWAYEAST	6/16/2005	4-Aminobiphenyl	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
MIDWAYEAST	6/16/2005	4-Bromophenyl Phenyl Ether	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
MIDWAYEAST	6/16/2005	4-Chloro-3-Methylphenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYEAST	6/16/2005	4-Chloroaniline	150	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
MIDWAYEAST	6/16/2005	4-Chlorophenyl Phenyl Ether	8.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
MIDWAYEAST	6/16/2005	4-Dimethylaminoazobenzene	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
MIDWAYEAST	6/16/2005	4-Methylphenol (P-Cresol)	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYEAST	6/16/2005	4-Nitroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
MIDWAYEAST	6/16/2005	4-Nitrophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYEAST	6/16/2005	4-Nitroquinoline-N-Oxide	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
MIDWAYEAST	6/16/2005	5-Nitro-Ortho-Toluidine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
MIDWAYEAST	6/16/2005	7,12-Dimethylbenz[A]Anthracene	61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
MIDWAYEAST	6/16/2005	Acenaphthene	24	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
MIDWAYEAST	6/16/2005	Acenaphthylene	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
MIDWAYEAST	6/16/2005	Acetone	100	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYEAST	6/16/2005	Acetonitrile	7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYEAST	6/16/2005	Acetophenone	9.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
MIDWAYEAST	6/16/2005	Acrolein	9.2	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
MIDWAYEAST	6/16/2005	Acrylonitrile	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYEAST	6/16/2005	Allyl Chloride	0.66	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
MIDWAYEAST	6/16/2005	Alpha,Alpha-Dimethylphenethylamine	720	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
MIDWAYEAST	6/16/2005	Aniline	37	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
MIDWAYEAST	6/16/2005	Anthracene	32	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
MIDWAYEAST	6/16/2005	Antimony	0.28	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
MIDWAYEAST	6/16/2005	Aramite	75	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
MIDWAYEAST	6/16/2005	Arsenic	1.7	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
MIDWAYEAST	6/16/2005	Chromium	43.1	MG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	Site Background	42.7
MIDWAYEAST	6/16/2005	Barium	14.2	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
MIDWAYEAST	6/16/2005	Benzene	0.35	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
MIDWAYEAST	6/16/2005	Benzo(A)Anthracene	130	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYEAST	6/16/2005	Benzo(B)Fluoranthene	110	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYEAST	6/16/2005	Benzo(G,H,I)Perylene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
MIDWAYEAST	6/16/2005	Benzo(K)Fluoranthene	77	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
MIDWAYEAST	6/16/2005	Benzo[A]Pyrene	130	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
MIDWAYEAST	6/16/2005	Benzyl Alcohol	41	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYEAST	6/16/2005	Beryllium	0.1	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
MIDWAYEAST	6/16/2005	Biphenyl	61	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
MIDWAYEAST	6/16/2005	Bis(2-Chloro-1-Methylethyl) Ether	13	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYEAST	6/16/2005	Bis(2-Chloroethoxy)Methane	37	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
MIDWAYEAST	6/16/2005	Bis(2-Chloroethyl)Ether	8	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
MIDWAYEAST	6/16/2005	Bis(2-Ethylhexyl)Phthalate	110	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
MIDWAYEAST	6/16/2005	Bromodichloromethane	1.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYEAST	6/16/2005	Bromoform	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
MIDWAYEAST	6/16/2005	Butyl Benzyl Phthalate	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
MIDWAYEAST	6/16/2005	Cadmium	0.03	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
MIDWAYEAST	6/16/2005	Carbon Disulfide	2.4	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYEAST	6/16/2005	Carbon Tetrachloride	0.71	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
MIDWAYEAST	6/16/2005	Chlorobenzene	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
MIDWAYEAST	6/16/2005	Chlorobenzilate	9.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
MIDWAYEAST	6/16/2005	Chlorodibromomethane	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
MIDWAYEAST	6/16/2005	Chloroform	0.61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
MIDWAYEAST	6/16/2005	Chloroprene	0.62	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
MIDWAYEAST	6/16/2005	Chrysene	150	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
MIDWAYEAST	6/16/2005	cis-1,2 Dichloroethene	0.43	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
MIDWAYEAST	6/16/2005	cis-1,3-Dichloropropene	1.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
MIDWAYEAST	6/16/2005	Cobalt	1.6	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
MIDWAYEAST	6/16/2005	Copper	2.4	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
MIDWAYEAST	6/16/2005	Diallate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
MIDWAYEAST	6/16/2005	Dibenz(A,H)Anthracene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
MIDWAYEAST	6/16/2005	Dibenzofuran	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
MIDWAYEAST	6/16/2005	Dichlorodifluoromethane	1.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
MIDWAYEAST	6/16/2005	Diethyl Phthalate	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
MIDWAYEAST	6/16/2005	Diethylene Glycol	2400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
MIDWAYEAST	6/16/2005	Dimethoate	52	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYEAST	6/16/2005	Dimethyl Phthalate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
MIDWAYEAST	6/16/2005	Dimethyl Terephthalate	69	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
MIDWAYEAST	6/16/2005	Di-N-Butyl Phthalate	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYEAST	6/16/2005	Diphenyl Amine	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
MIDWAYEAST	6/16/2005	Diphenyl Ether	66	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
MIDWAYEAST	6/16/2005	Ethyl Chloride	0.47	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
MIDWAYEAST	6/16/2005	Ethyl Methacrylate	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
MIDWAYEAST	6/16/2005	Ethyl Methanesulfonate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYEAST	6/16/2005	Ethylbenzene	2.9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
MIDWAYEAST	6/16/2005	Ethylene Glycol	2300	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYEAST	6/16/2005	Fluoranthene	250	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
MIDWAYEAST	6/16/2005	Fluorene	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
MIDWAYEAST	6/16/2005	Hexachlorobenzene	8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
MIDWAYEAST	6/16/2005	Hexachlorobutadiene	15	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYEAST	6/16/2005	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYEAST	6/16/2005	Hexachloroethane	15	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
MIDWAYEAST	6/16/2005	Hexachloropropylene	37	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
MIDWAYEAST	6/16/2005	Hexane	0.83	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.40E+05
MIDWAYEAST	6/16/2005	Indeno (1,2,3-CD) Pyrene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYEAST	6/16/2005	Iodomethane	0.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
MIDWAYEAST	6/16/2005	Isobutyl Alcohol	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
MIDWAYEAST	6/16/2005	Isodrin	8.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
MIDWAYEAST	6/16/2005	Isophorone	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
MIDWAYEAST	6/16/2005	Isosafrole	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
MIDWAYEAST	6/16/2005	Lead	11.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
MIDWAYEAST	6/16/2005	Mercury	0.054	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
MIDWAYEAST	6/16/2005	Methacrylonitrile	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
MIDWAYEAST	6/16/2005	Methanol	1600	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYEAST	6/16/2005	Methapyrilene	120	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
MIDWAYEAST	6/16/2005	Methyl Bromide	0.54	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
MIDWAYEAST	6/16/2005	Methyl Chloride	0.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
MIDWAYEAST	6/16/2005	Methyl Ethyl Ketone	19	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
MIDWAYEAST	6/16/2005	Methyl Isobutyl Ketone	3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
MIDWAYEAST	6/16/2005	Methyl Methacrylate	2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
MIDWAYEAST	6/16/2005	Methyl Methanesulfonate	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYEAST	6/16/2005	Methylene Bromide	1.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYEAST	6/16/2005	Methylene Chloride	1.1	UG/KG	J B	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
MIDWAYEAST	6/16/2005	Naphthalene	7.4	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
MIDWAYEAST	6/16/2005	N-Dioctyl Phthalate	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
MIDWAYEAST	6/16/2005	Nickel	18.8	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYEAST	6/16/2005	Nitrobenzene	15	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYEAST	6/16/2005	N-Nitroso(Methyl)Ethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
MIDWAYEAST	6/16/2005	N-Nitrosodiethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
MIDWAYEAST	6/16/2005	N-Nitrosodimethylamine	150	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
MIDWAYEAST	6/16/2005	N-Nitroso-Di-N-Butylamine	7.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
MIDWAYEAST	6/16/2005	N-Nitrosodi-N-Propylamine	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
MIDWAYEAST	6/16/2005	N-Nitrosodiphenylamine	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
MIDWAYEAST	6/16/2005	N-Nitrosomorpholine	43	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
MIDWAYEAST	6/16/2005	N-Nitrosopiperidine	8.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
MIDWAYEAST	6/16/2005	N-Nitrosopyrrolidine	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
MIDWAYEAST	6/16/2005	O,O,O-Triethylphosphorothioate	36	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
MIDWAYEAST	6/16/2005	O-Toluidine	9.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
MIDWAYEAST	6/16/2005	para-Phenylenediamine	690	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
MIDWAYEAST	6/16/2005	Pentachlorobenzene	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
MIDWAYEAST	6/16/2005	Pentachloroethane	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
MIDWAYEAST	6/16/2005	Pentachloronitrobenzene	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
MIDWAYEAST	6/16/2005	Pentachlorophenol	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
MIDWAYEAST	6/16/2005	Phenacetin	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
MIDWAYEAST	6/16/2005	Phenanthrene	100	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
MIDWAYEAST	6/16/2005	Phenol	37	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
MIDWAYEAST	6/16/2005	Pronamide	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
MIDWAYEAST	6/16/2005	Propionitrile	9.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
MIDWAYEAST	6/16/2005	Propylene Glycol	2900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYEAST	6/16/2005	Pyrene	190	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
MIDWAYEAST	6/16/2005	Pyridine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
MIDWAYEAST	6/16/2005	Safrole	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
MIDWAYEAST	6/16/2005	Selenium	0.34	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYEAST	6/16/2005	Silver	0.17	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYEAST	6/16/2005	Styrene	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
MIDWAYEAST	6/16/2005	Terephthalic Acid	5.6	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
MIDWAYEAST	6/16/2005	Tetrachloroethene	0.65	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
MIDWAYEAST	6/16/2005	Tetraethyl Dithiopyrophosphate	45	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
MIDWAYEAST	6/16/2005	Thallium	0.29	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
MIDWAYEAST	6/16/2005	Thionazin	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
MIDWAYEAST	6/16/2005	Tin	0.92	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
MIDWAYEAST	6/16/2005	Toluene	2.1	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
MIDWAYEAST	6/16/2005	trans-1,2-Dichloroethene	0.56	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
MIDWAYEAST	6/16/2005	trans-1,3-Dichloropropene	1.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
MIDWAYEAST	6/16/2005	Trichloroethene	0.63	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
MIDWAYEAST	6/16/2005	Trichlorofluoromethane	0.72	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
MIDWAYEAST	6/16/2005	Triethylene Glycol	3100	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
MIDWAYEAST	6/16/2005	Vanadium	14.6	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYEAST	6/16/2005	Vinyl Acetate	0.72	UG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
MIDWAYEAST	6/16/2005	Vinyl Chloride	0.49	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
MIDWAYEAST	6/16/2005	Xylenes	11	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
MIDWAYEAST	6/16/2005	Zinc	11.8	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
MIDWAYNORTH	6/17/2005	1,1,1,2-Tetrachloroethane	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
MIDWAYNORTH	6/17/2005	1,1,1-Trichloroethane	0.56	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
MIDWAYNORTH	6/17/2005	1,1,2,2-Tetrachloroethane	2.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
MIDWAYNORTH	6/17/2005	1,1,2-Trichloroethane	2.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
MIDWAYNORTH	6/17/2005	1,1-Dichloroethane	0.37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYNORTH	6/17/2005	1,1-Dichloroethene	0.54	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
MIDWAYNORTH	6/17/2005	1,2,3-Trichloropropane	2.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
MIDWAYNORTH	6/17/2005	1,2,4,5-Tetrachlorobenzene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
MIDWAYNORTH	6/17/2005	1,2,4-Trichlorobenzene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
MIDWAYNORTH	6/17/2005	1,2-Dibromo-3-Chloropropane	2.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
MIDWAYNORTH	6/17/2005	1,2-Dibromoethane (EDB)	2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
MIDWAYNORTH	6/17/2005	1,2-Dichlorobenzene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
MIDWAYNORTH	6/17/2005	1,2-Dichloroethane	0.84	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
MIDWAYNORTH	6/17/2005	1,2-Dichloropropane	0.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
MIDWAYNORTH	6/17/2005	1,3,5-Trinitrobenzene	63	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
MIDWAYNORTH	6/17/2005	1,3-Dichlorobenzene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYNORTH	6/17/2005	1,3-Dinitrobenzene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
MIDWAYNORTH	6/17/2005	1,4-Dichlorobenzene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
MIDWAYNORTH	6/17/2005	1,4-Dioxane	32	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYNORTH	6/17/2005	1,4-Naphthoquinone	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
MIDWAYNORTH	6/17/2005	1-Naphthylamine	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
MIDWAYNORTH	6/17/2005	2,3,4,6-Tetrachlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
MIDWAYNORTH	6/17/2005	2,4,5-Trichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYNORTH	6/17/2005	2,4,6-Trichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
MIDWAYNORTH	6/17/2005	2,4-Dichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
MIDWAYNORTH	6/17/2005	2,4-Dimethylphenol	9.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
MIDWAYNORTH	6/17/2005	2,4-Dinitrophenol	280	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
MIDWAYNORTH	6/17/2005	2,4-Dinitrotoluene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
MIDWAYNORTH	6/17/2005	2,6-Dichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
MIDWAYNORTH	6/17/2005	2,6-Dinitrotoluene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYNORTH	6/17/2005	2-Acetylaminofluorene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
MIDWAYNORTH	6/17/2005	2-Chloronaphthalene	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
MIDWAYNORTH	6/17/2005	2-Chlorophenol	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
MIDWAYNORTH	6/17/2005	2-Hexanone	3.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
MIDWAYNORTH	6/17/2005	2-Methylnaphthalene	45	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
MIDWAYNORTH	6/17/2005	2-Methylphenol (O-Cresol)	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYNORTH	6/17/2005	2-Naphthylamine	93	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
MIDWAYNORTH	6/17/2005	2-Nitroaniline	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
MIDWAYNORTH	6/17/2005	2-Nitrophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
MIDWAYNORTH	6/17/2005	2-Picoline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
MIDWAYNORTH	6/17/2005	3,3'-Dichlorobenzidine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
MIDWAYNORTH	6/17/2005	3,3'-Dimethylbenzidine	1200	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
MIDWAYNORTH	6/17/2005	3-Methylcholanthrene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
MIDWAYNORTH	6/17/2005	3-Nitroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
MIDWAYNORTH	6/17/2005	4,6-Dinitro-2-Methylphenol	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
MIDWAYNORTH	6/17/2005	4-Aminobiphenyl	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
MIDWAYNORTH	6/17/2005	4-Bromophenyl Phenyl Ether	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
MIDWAYNORTH	6/17/2005	4-Chloro-3-Methylphenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYNORTH	6/17/2005	4-Chloroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
MIDWAYNORTH	6/17/2005	4-Chlorophenyl Phenyl Ether	8.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
MIDWAYNORTH	6/17/2005	4-Dimethylaminoazobenzene	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
MIDWAYNORTH	6/17/2005	4-Methylphenol (P-Cresol)	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYNORTH	6/17/2005	4-Nitroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
MIDWAYNORTH	6/17/2005	4-Nitrophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYNORTH	6/17/2005	4-Nitroquinoline-N-Oxide	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
MIDWAYNORTH	6/17/2005	5-Nitro-Ortho-Toluidine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
MIDWAYNORTH	6/17/2005	7,12-Dimethylbenz[A]Anthracene	61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
MIDWAYNORTH	6/17/2005	Acenaphthene	49	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
MIDWAYNORTH	6/17/2005	Acenaphthylene	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
MIDWAYNORTH	6/17/2005	Acetone	3.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYNORTH	6/17/2005	Acetonitrile	6.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYNORTH	6/17/2005	Acetophenone	9.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
MIDWAYNORTH	6/17/2005	Acrolein	9.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
MIDWAYNORTH	6/17/2005	Acrylonitrile	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYNORTH	6/17/2005	Allyl Chloride	0.66	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
MIDWAYNORTH	6/17/2005	Alpha,Alpha-Dimethylphenethylamine	720	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
MIDWAYNORTH	6/17/2005	Aniline	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
MIDWAYNORTH	6/17/2005	Anthracene	110	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
MIDWAYNORTH	6/17/2005	Antimony	2.1	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
MIDWAYNORTH	6/17/2005	Aramite	75	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
MIDWAYNORTH	6/17/2005	Arsenic	1.6	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
MIDWAYNORTH	6/17/2005	Benzo[A]Pyrene	310	UG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
MIDWAYNORTH	6/17/2005	Barium	13.9	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
MIDWAYNORTH	6/17/2005	Benzene	0.35	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
MIDWAYNORTH	6/17/2005	Benzo(A)Anthracene	350	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYNORTH	6/17/2005	Benzo(B)Fluoranthene	240	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYNORTH	6/17/2005	Benzo(G,H,I)Perylene	180	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
MIDWAYNORTH	6/17/2005	Benzo(K)Fluoranthene	250	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYNORTH	6/17/2005	Benzyl Alcohol	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYNORTH	6/17/2005	Beryllium	0.11	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
MIDWAYNORTH	6/17/2005	Biphenyl	61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
MIDWAYNORTH	6/17/2005	Bis(2-Chloro-1-Methylethyl) Ether	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYNORTH	6/17/2005	Bis(2-Chloroethoxy)Methane	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
MIDWAYNORTH	6/17/2005	Bis(2-Chloroethyl)Ether	8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
MIDWAYNORTH	6/17/2005	Bis(2-Ethylhexyl)Phthalate	110	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
MIDWAYNORTH	6/17/2005	Bromodichloromethane	1.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
MIDWAYNORTH	6/17/2005	Bromoform	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
MIDWAYNORTH	6/17/2005	Butyl Benzyl Phthalate	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
MIDWAYNORTH	6/17/2005	Cadmium	0.21	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
MIDWAYNORTH	6/17/2005	Carbon Disulfide	0.69	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYNORTH	6/17/2005	Carbon Tetrachloride	0.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
MIDWAYNORTH	6/17/2005	Chlorobenzene	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
MIDWAYNORTH	6/17/2005	Chlorobenzilate	9.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
MIDWAYNORTH	6/17/2005	Chlorodibromomethane	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
MIDWAYNORTH	6/17/2005	Chloroform	0.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
MIDWAYNORTH	6/17/2005	Chloroprene	0.62	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
MIDWAYNORTH	6/17/2005	Chromium	29.9	MG/KG		J		Y	0-2 Feet	FS	Soil	Site Background	42.7
MIDWAYNORTH	6/17/2005	Chrysene	390	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
MIDWAYNORTH	6/17/2005	cis-1,2 Dichloroethene	0.42	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
MIDWAYNORTH	6/17/2005	cis-1,3-Dichloropropene	1.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
MIDWAYNORTH	6/17/2005	Cobalt	0.93	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
MIDWAYNORTH	6/17/2005	Copper	4.9	MG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
MIDWAYNORTH	6/17/2005	Diallate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
MIDWAYNORTH	6/17/2005	Dibenz(A,H)Anthracene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
MIDWAYNORTH	6/17/2005	Dibenzofuran	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
MIDWAYNORTH	6/17/2005	Dichlorodifluoromethane	1.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
MIDWAYNORTH	6/17/2005	Diethyl Phthalate	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
MIDWAYNORTH	6/17/2005	Diethylene Glycol	2400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
MIDWAYNORTH	6/17/2005	Dimethoate	52	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYNORTH	6/17/2005	Dimethyl Phthalate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
MIDWAYNORTH	6/17/2005	Dimethyl Terephthalate	69	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
MIDWAYNORTH	6/17/2005	Di-N-Butyl Phthalate	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYNORTH	6/17/2005	Diphenyl Amine	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
MIDWAYNORTH	6/17/2005	Diphenyl Ether	66	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
MIDWAYNORTH	6/17/2005	Ethyl Chloride	0.46	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
MIDWAYNORTH	6/17/2005	Ethyl Methacrylate	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
MIDWAYNORTH	6/17/2005	Ethyl Methanesulfonate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYNORTH	6/17/2005	Ethylbenzene	1.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
MIDWAYNORTH	6/17/2005	Ethylene Glycol	2300	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYNORTH	6/17/2005	Fluoranthene	700	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
MIDWAYNORTH	6/17/2005	Fluorene	37	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
MIDWAYNORTH	6/17/2005	Hexachlorobenzene	8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
MIDWAYNORTH	6/17/2005	Hexachlorobutadiene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYNORTH	6/17/2005	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYNORTH	6/17/2005	Hexachloroethane	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
MIDWAYNORTH	6/17/2005	Hexachloropropylene	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
MIDWAYNORTH	6/17/2005	Hexane	0.82	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.40E+05
MIDWAYNORTH	6/17/2005	Indeno (1,2,3-CD) Pyrene	190	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYNORTH	6/17/2005	Iodomethane	0.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
MIDWAYNORTH	6/17/2005	Isobutyl Alcohol	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
MIDWAYNORTH	6/17/2005	Isodrin	8.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
MIDWAYNORTH	6/17/2005	Isophorone	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
MIDWAYNORTH	6/17/2005	Isosafrole	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
MIDWAYNORTH	6/17/2005	Lead	31.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
MIDWAYNORTH	6/17/2005	Mercury	0.023	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
MIDWAYNORTH	6/17/2005	Methacrylonitrile	7.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
MIDWAYNORTH	6/17/2005	Methanol	1600	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYNORTH	6/17/2005	Methapyrilene	120	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
MIDWAYNORTH	6/17/2005	Methyl Bromide	0.53	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
MIDWAYNORTH	6/17/2005	Methyl Chloride	0.59	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYNORTH	6/17/2005	Methyl Ethyl Ketone	1.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
MIDWAYNORTH	6/17/2005	Methyl Isobutyl Ketone	3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
MIDWAYNORTH	6/17/2005	Methyl Methacrylate	1.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
MIDWAYNORTH	6/17/2005	Methyl Methanesulfonate	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYNORTH	6/17/2005	Methylene Bromide	1.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYNORTH	6/17/2005	Methylene Chloride	0.96	UG/KG	J B	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
MIDWAYNORTH	6/17/2005	Naphthalene	35	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
MIDWAYNORTH	6/17/2005	N-Dioctyl Phthalate	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
MIDWAYNORTH	6/17/2005	Nickel	7.5	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
MIDWAYNORTH	6/17/2005	Nitrobenzene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYNORTH	6/17/2005	N-Nitroso(Methyl)Ethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
MIDWAYNORTH	6/17/2005	N-Nitrosodiethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
MIDWAYNORTH	6/17/2005	N-Nitrosodimethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
MIDWAYNORTH	6/17/2005	N-Nitroso-Di-N-Butylamine	7.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
MIDWAYNORTH	6/17/2005	N-Nitrosodi-N-Propylamine	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
MIDWAYNORTH	6/17/2005	N-Nitrosodiphenylamine	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
MIDWAYNORTH	6/17/2005	N-Nitrosomorpholine	43	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
MIDWAYNORTH	6/17/2005	N-Nitrosopiperidine	8.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
MIDWAYNORTH	6/17/2005	N-Nitrosopyrrolidine	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
MIDWAYNORTH	6/17/2005	O,O,O-Triethylphosphorothioate	36	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
MIDWAYNORTH	6/17/2005	O-Toluidine	9.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
MIDWAYNORTH	6/17/2005	para-Phenylenediamine	690	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
MIDWAYNORTH	6/17/2005	Pentachlorobenzene	7.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
MIDWAYNORTH	6/17/2005	Pentachloroethane	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
MIDWAYNORTH	6/17/2005	Pentachloronitrobenzene	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
MIDWAYNORTH	6/17/2005	Pentachlorophenol	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
MIDWAYNORTH	6/17/2005	Phenacetin	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
MIDWAYNORTH	6/17/2005	Phenanthrene	400	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
MIDWAYNORTH	6/17/2005	Phenol	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
MIDWAYNORTH	6/17/2005	Pronamide	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
MIDWAYNORTH	6/17/2005	Propionitrile	9.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
MIDWAYNORTH	6/17/2005	Propylene Glycol	2900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYNORTH	6/17/2005	Pyrene	530	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
MIDWAYNORTH	6/17/2005	Pyridine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
MIDWAYNORTH	6/17/2005	Safrole	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
MIDWAYNORTH	6/17/2005	Selenium	0.32	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYNORTH	6/17/2005	Silver	0.16	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYNORTH	6/17/2005	Styrene	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
MIDWAYNORTH	6/17/2005	Terephthalic Acid	5.6	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
MIDWAYNORTH	6/17/2005	Tetrachloroethene	0.65	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
MIDWAYNORTH	6/17/2005	Tetraethyl Dithiopyrophosphate	45	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
MIDWAYNORTH	6/17/2005	Thallium	0.27	MG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
MIDWAYNORTH	6/17/2005	Thionazin	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
MIDWAYNORTH	6/17/2005	Tin	1.2	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
MIDWAYNORTH	6/17/2005	Toluene	1.3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
MIDWAYNORTH	6/17/2005	trans-1,2-Dichloroethene	0.55	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
MIDWAYNORTH	6/17/2005	trans-1,3-Dichloropropene	1.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
MIDWAYNORTH	6/17/2005	Trichloroethene	0.62	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
MIDWAYNORTH	6/17/2005	Trichlorofluoromethane	0.71	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
MIDWAYNORTH	6/17/2005	Triethylene Glycol	3100	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
MIDWAYNORTH	6/17/2005	Vanadium	7.5	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYNORTH	6/17/2005	Vinyl Acetate	0.72	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
MIDWAYNORTH	6/17/2005	Vinyl Chloride	0.49	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
MIDWAYNORTH	6/17/2005	Xylenes	5.3	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
MIDWAYNORTH	6/17/2005	Zinc	51	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
MIDWAYSOUTH	6/16/2005	1,1,1,2-Tetrachloroethane	2.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
MIDWAYSOUTH	6/16/2005	1,1,1-Trichloroethane	0.52	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
MIDWAYSOUTH	6/16/2005	1,1,2,2-Tetrachloroethane	2.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
MIDWAYSOUTH	6/16/2005	1,1,2-Trichloroethane	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
MIDWAYSOUTH	6/16/2005	1,1-Dichloroethane	0.35	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYSOUTH	6/16/2005	1,1-Dichloroethene	0.51	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
MIDWAYSOUTH	6/16/2005	1,2,3-Trichloropropane	2.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYSOUTH	6/16/2005	1,2,4,5-Tetrachlorobenzene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
MIDWAYSOUTH	6/16/2005	1,2,4-Trichlorobenzene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
MIDWAYSOUTH	6/16/2005	1,2-Dibromo-3-Chloropropane	2.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
MIDWAYSOUTH	6/16/2005	1,2-Dibromoethane (EDB)	1.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
MIDWAYSOUTH	6/16/2005	1,2-Dichlorobenzene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
MIDWAYSOUTH	6/16/2005	1,2-Dichloroethane	0.79	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
MIDWAYSOUTH	6/16/2005	1,2-Dichloropropane	0.85	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
MIDWAYSOUTH	6/16/2005	1,3,5-Trinitrobenzene	63	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
MIDWAYSOUTH	6/16/2005	1,3-Dichlorobenzene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYSOUTH	6/16/2005	1,3-Dinitrobenzene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
MIDWAYSOUTH	6/16/2005	1,4-Dichlorobenzene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
MIDWAYSOUTH	6/16/2005	1,4-Dioxane	30	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYSOUTH	6/16/2005	1,4-Naphthoquinone	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
MIDWAYSOUTH	6/16/2005	1-Naphthylamine	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
MIDWAYSOUTH	6/16/2005	2,3,4,6-Tetrachlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
MIDWAYSOUTH	6/16/2005	2,4,5-Trichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYSOUTH	6/16/2005	2,4,6-Trichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
MIDWAYSOUTH	6/16/2005	2,4-Dichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
MIDWAYSOUTH	6/16/2005	2,4-Dimethylphenol	9.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
MIDWAYSOUTH	6/16/2005	2,4-Dinitrophenol	280	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
MIDWAYSOUTH	6/16/2005	2,4-Dinitrotoluene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
MIDWAYSOUTH	6/16/2005	2,6-Dichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
MIDWAYSOUTH	6/16/2005	2,6-Dinitrotoluene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYSOUTH	6/16/2005	2-Acetylaminofluorene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
MIDWAYSOUTH	6/16/2005	2-Chloronaphthalene	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
MIDWAYSOUTH	6/16/2005	2-Chlorophenol	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
MIDWAYSOUTH	6/16/2005	2-Hexanone	2.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
MIDWAYSOUTH	6/16/2005	2-Methylnaphthalene	38	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
MIDWAYSOUTH	6/16/2005	2-Methylphenol (O-Cresol)	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYSOUTH	6/16/2005	2-Naphthylamine	92	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
MIDWAYSOUTH	6/16/2005	2-Nitroaniline	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
MIDWAYSOUTH	6/16/2005	2-Nitrophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
MIDWAYSOUTH	6/16/2005	2-Picoline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
MIDWAYSOUTH	6/16/2005	3,3'-Dichlorobenzidine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
MIDWAYSOUTH	6/16/2005	3,3'-Dimethylbenzidine	1200	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
MIDWAYSOUTH	6/16/2005	3-Methylcholanthrene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
MIDWAYSOUTH	6/16/2005	3-Nitroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
MIDWAYSOUTH	6/16/2005	4,6-Dinitro-2-Methylphenol	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
MIDWAYSOUTH	6/16/2005	4-Aminobiphenyl	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
MIDWAYSOUTH	6/16/2005	4-Bromophenyl Phenyl Ether	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
MIDWAYSOUTH	6/16/2005	4-Chloro-3-Methylphenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYSOUTH	6/16/2005	4-Chloroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
MIDWAYSOUTH	6/16/2005	4-Chlorophenyl Phenyl Ether	8.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
MIDWAYSOUTH	6/16/2005	4-Dimethylaminoazobenzene	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
MIDWAYSOUTH	6/16/2005	4-Methylphenol (P-Cresol)	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYSOUTH	6/16/2005	4-Nitroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
MIDWAYSOUTH	6/16/2005	4-Nitrophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYSOUTH	6/16/2005	4-Nitroquinoline-N-Oxide	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
MIDWAYSOUTH	6/16/2005	5-Nitro-Ortho-Toluidine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
MIDWAYSOUTH	6/16/2005	7,12-Dimethylbenz[A]Anthracene	60	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
MIDWAYSOUTH	6/16/2005	Acenaphthene	390	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
MIDWAYSOUTH	6/16/2005	Acenaphthylene	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
MIDWAYSOUTH	6/16/2005	Acetone	2.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYSOUTH	6/16/2005	Acetonitrile	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYSOUTH	6/16/2005	Acetophenone	9.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
MIDWAYSOUTH	6/16/2005	Acrolein	8.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
MIDWAYSOUTH	6/16/2005	Acrylonitrile	5.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYSOUTH	6/16/2005	Allyl Chloride	0.65	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
MIDWAYSOUTH	6/16/2005	Alpha,Alpha-Dimethylphenethylamine	710	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
MIDWAYSOUTH	6/16/2005	Aniline	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
MIDWAYSOUTH	6/16/2005	Anthracene	820	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
MIDWAYSOUTH	6/16/2005	Antimony	0.66	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYSOUTH	6/16/2005	Aramite	74	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
MIDWAYSOUTH	6/16/2005	Arsenic	1.5	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
MIDWAYSOUTH	6/16/2005	Benzo(A)Anthracene	2100	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYSOUTH	6/16/2005	Benzo[A]Pyrene	1800	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
MIDWAYSOUTH	6/16/2005	Barium	14.1	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
MIDWAYSOUTH	6/16/2005	Benzene	0.32	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
MIDWAYSOUTH	6/16/2005	Benzo(B)Fluoranthene	1600	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYSOUTH	6/16/2005	Benzo(G,H,I)Perylene	940	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
MIDWAYSOUTH	6/16/2005	Benzo(K)Fluoranthene	1600	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
MIDWAYSOUTH	6/16/2005	Benzyl Alcohol	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYSOUTH	6/16/2005	Beryllium	0.12	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
MIDWAYSOUTH	6/16/2005	Biphenyl	61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
MIDWAYSOUTH	6/16/2005	Bis(2-Chloro-1-Methylethyl) Ether	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYSOUTH	6/16/2005	Bis(2-Chloroethoxy)Methane	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
MIDWAYSOUTH	6/16/2005	Bis(2-Chloroethyl)Ether	7.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
MIDWAYSOUTH	6/16/2005	Bis(2-Ethylhexyl)Phthalate	110	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
MIDWAYSOUTH	6/16/2005	Bromodichloromethane	1.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
MIDWAYSOUTH	6/16/2005	Bromoform	2.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
MIDWAYSOUTH	6/16/2005	Butyl Benzyl Phthalate	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
MIDWAYSOUTH	6/16/2005	Cadmium	0.16	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
MIDWAYSOUTH	6/16/2005	Carbon Disulfide	0.65	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYSOUTH	6/16/2005	Carbon Tetrachloride	0.66	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
MIDWAYSOUTH	6/16/2005	Chlorobenzene	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
MIDWAYSOUTH	6/16/2005	Chlorobenzilate	9.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
MIDWAYSOUTH	6/16/2005	Chlorodibromomethane	2.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
MIDWAYSOUTH	6/16/2005	Chloroform	0.56	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
MIDWAYSOUTH	6/16/2005	Chloroprene	0.61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
MIDWAYSOUTH	6/16/2005	Chromium	18.7	MG/KG	J	J		Y	0-2 Feet	FS	Soil	Site Background	42.7
MIDWAYSOUTH	6/16/2005	Chrysene	2200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
MIDWAYSOUTH	6/16/2005	cis-1,2 Dichloroethene	0.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
MIDWAYSOUTH	6/16/2005	cis-1,3-Dichloropropene	1.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
MIDWAYSOUTH	6/16/2005	Cobalt	0.83	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
MIDWAYSOUTH	6/16/2005	Copper	1.5	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
MIDWAYSOUTH	6/16/2005	Diallate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
MIDWAYSOUTH	6/16/2005	Dibenz(A,H)Anthracene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
MIDWAYSOUTH	6/16/2005	Dibenzofuran	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
MIDWAYSOUTH	6/16/2005	Dichlorodifluoromethane	1.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
MIDWAYSOUTH	6/16/2005	Diethyl Phthalate	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
MIDWAYSOUTH	6/16/2005	Diethylene Glycol	2400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
MIDWAYSOUTH	6/16/2005	Dimethoate	51	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYSOUTH	6/16/2005	Dimethyl Phthalate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
MIDWAYSOUTH	6/16/2005	Dimethyl Terephthalate	68	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
MIDWAYSOUTH	6/16/2005	Di-N-Butyl Phthalate	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYSOUTH	6/16/2005	Diphenyl Amine	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
MIDWAYSOUTH	6/16/2005	Diphenyl Ether	65	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
MIDWAYSOUTH	6/16/2005	Ethyl Chloride	0.44	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
MIDWAYSOUTH	6/16/2005	Ethyl Methacrylate	2.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
MIDWAYSOUTH	6/16/2005	Ethyl Methanesulfonate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYSOUTH	6/16/2005	Ethylbenzene	1.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
MIDWAYSOUTH	6/16/2005	Ethylene Glycol	2300	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYSOUTH	6/16/2005	Fluoranthene	3900	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
MIDWAYSOUTH	6/16/2005	Fluorene	320	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
MIDWAYSOUTH	6/16/2005	Hexachlorobenzene	7.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
MIDWAYSOUTH	6/16/2005	Hexachlorobutadiene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYSOUTH	6/16/2005	Hexachlorocyclopentadiene	1800	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYSOUTH	6/16/2005	Hexachloroethane	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
MIDWAYSOUTH	6/16/2005	Hexachloropropylene	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
MIDWAYSOUTH	6/16/2005	Hexane	0.77	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.40E+05
MIDWAYSOUTH	6/16/2005	Indeno (1,2,3-CD) Pyrene	970	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYSOUTH	6/16/2005	Iodomethane	0.37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
MIDWAYSOUTH	6/16/2005	Isobutyl Alcohol	34	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
MIDWAYSOUTH	6/16/2005	Isodrin	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYSOUTH	6/16/2005	Isophorone	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
MIDWAYSOUTH	6/16/2005	Isosafrole	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
MIDWAYSOUTH	6/16/2005	Lead	21.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
MIDWAYSOUTH	6/16/2005	Mercury	0.035	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
MIDWAYSOUTH	6/16/2005	Methacrylonitrile	6.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
MIDWAYSOUTH	6/16/2005	Methanol	1600	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYSOUTH	6/16/2005	Methapyrilene	120	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
MIDWAYSOUTH	6/16/2005	Methyl Bromide	0.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
MIDWAYSOUTH	6/16/2005	Methyl Chloride	0.55	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
MIDWAYSOUTH	6/16/2005	Methyl Ethyl Ketone	1.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
MIDWAYSOUTH	6/16/2005	Methyl Isobutyl Ketone	2.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
MIDWAYSOUTH	6/16/2005	Methyl Methacrylate	1.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
MIDWAYSOUTH	6/16/2005	Methyl Methanesulfonate	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYSOUTH	6/16/2005	Methylene Bromide	1.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYSOUTH	6/16/2005	Methylene Chloride	1.3	UG/KG	J B	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
MIDWAYSOUTH	6/16/2005	Naphthalene	73	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
MIDWAYSOUTH	6/16/2005	N-Dioctyl Phthalate	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
MIDWAYSOUTH	6/16/2005	Nickel	3.5	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
MIDWAYSOUTH	6/16/2005	Nitrobenzene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYSOUTH	6/16/2005	N-Nitroso(Methyl)Ethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
MIDWAYSOUTH	6/16/2005	N-Nitrosodiethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
MIDWAYSOUTH	6/16/2005	N-Nitrosodimethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
MIDWAYSOUTH	6/16/2005	N-Nitroso-Di-N-Butylamine	7.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
MIDWAYSOUTH	6/16/2005	N-Nitrosodi-N-Propylamine	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
MIDWAYSOUTH	6/16/2005	N-Nitrosodiphenylamine	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
MIDWAYSOUTH	6/16/2005	N-Nitrosomorpholine	42	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
MIDWAYSOUTH	6/16/2005	N-Nitrosopiperidine	8.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
MIDWAYSOUTH	6/16/2005	N-Nitrosopyrrolidine	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
MIDWAYSOUTH	6/16/2005	O,O,O-Triethylphosphorothioate	36	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
MIDWAYSOUTH	6/16/2005	O-Toluidine	9.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
MIDWAYSOUTH	6/16/2005	para-Phenylenediamine	680	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
MIDWAYSOUTH	6/16/2005	Pentachlorobenzene	7.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
MIDWAYSOUTH	6/16/2005	Pentachloroethane	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
MIDWAYSOUTH	6/16/2005	Pentachloronitrobenzene	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
MIDWAYSOUTH	6/16/2005	Pentachlorophenol	740	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
MIDWAYSOUTH	6/16/2005	Phenacetin	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
MIDWAYSOUTH	6/16/2005	Phenanthrene	2600	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
MIDWAYSOUTH	6/16/2005	Phenol	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
MIDWAYSOUTH	6/16/2005	Pronamide	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
MIDWAYSOUTH	6/16/2005	Propionitrile	9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
MIDWAYSOUTH	6/16/2005	Propylene Glycol	2900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYSOUTH	6/16/2005	Pyrene	3000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
MIDWAYSOUTH	6/16/2005	Pyridine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
MIDWAYSOUTH	6/16/2005	Safrole	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
MIDWAYSOUTH	6/16/2005	Selenium	0.34	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYSOUTH	6/16/2005	Silver	0.22	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYSOUTH	6/16/2005	Styrene	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
MIDWAYSOUTH	6/16/2005	Terephthalic Acid	5.5	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
MIDWAYSOUTH	6/16/2005	Tetrachloroethene	0.61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
MIDWAYSOUTH	6/16/2005	Tetraethyl Dithiopyrophosphate	45	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
MIDWAYSOUTH	6/16/2005	Thallium	0.29	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
MIDWAYSOUTH	6/16/2005	Thionazin	40	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
MIDWAYSOUTH	6/16/2005	Tin	0.85	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
MIDWAYSOUTH	6/16/2005	Toluene	0.77	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
MIDWAYSOUTH	6/16/2005	trans-1,2-Dichloroethene	0.52	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
MIDWAYSOUTH	6/16/2005	trans-1,3-Dichloropropene	1.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
MIDWAYSOUTH	6/16/2005	Trichloroethene	0.58	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
MIDWAYSOUTH	6/16/2005	Trichlorofluoromethane	0.67	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
MIDWAYSOUTH	6/16/2005	Triethylene Glycol	3100	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
MIDWAYSOUTH	6/16/2005	Vanadium	13	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYSOUTH	6/16/2005	Vinyl Acetate	0.67	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
MIDWAYSOUTH	6/16/2005	Vinyl Chloride	0.46	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700

APPENDIX A
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Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYSOUTH	6/16/2005	Xylenes	4.2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
MIDWAYSOUTH	6/16/2005	Zinc	24.8	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
MIDWAYWEST	6/16/2005	1,1,1,2-Tetrachloroethane	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
MIDWAYWEST	6/16/2005	1,1,1-Trichloroethane	0.63	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
MIDWAYWEST	6/16/2005	1,1,2,2-Tetrachloroethane	3.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
MIDWAYWEST	6/16/2005	1,1,2-Trichloroethane	2.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
MIDWAYWEST	6/16/2005	1,1-Dichloroethane	0.42	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYWEST	6/16/2005	1,1-Dichloroethene	0.61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
MIDWAYWEST	6/16/2005	1,2,3-Trichloropropane	3.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
MIDWAYWEST	6/16/2005	1,2,4,5-Tetrachlorobenzene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
MIDWAYWEST	6/16/2005	1,2,4-Trichlorobenzene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
MIDWAYWEST	6/16/2005	1,2-Dibromo-3-Chloropropane	3.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
MIDWAYWEST	6/16/2005	1,2-Dibromoethane (EDB)	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
MIDWAYWEST	6/16/2005	1,2-Dichlorobenzene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
MIDWAYWEST	6/16/2005	1,2-Dichloroethane	0.95	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
MIDWAYWEST	6/16/2005	1,2-Dichloropropane	1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
MIDWAYWEST	6/16/2005	1,3,5-Trinitrobenzene	64	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
MIDWAYWEST	6/16/2005	1,3-Dichlorobenzene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYWEST	6/16/2005	1,3-Dinitrobenzene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
MIDWAYWEST	6/16/2005	1,4-Dichlorobenzene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
MIDWAYWEST	6/16/2005	1,4-Dioxane	36	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYWEST	6/16/2005	1,4-Naphthoquinone	750	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
MIDWAYWEST	6/16/2005	1-Naphthylamine	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
MIDWAYWEST	6/16/2005	2,3,4,6-Tetrachlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
MIDWAYWEST	6/16/2005	2,4,5-Trichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYWEST	6/16/2005	2,4,6-Trichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
MIDWAYWEST	6/16/2005	2,4-Dichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
MIDWAYWEST	6/16/2005	2,4-Dimethylphenol	9.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
MIDWAYWEST	6/16/2005	2,4-Dinitrophenol	280	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
MIDWAYWEST	6/16/2005	2,4-Dinitrotoluene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
MIDWAYWEST	6/16/2005	2,6-Dichlorophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
MIDWAYWEST	6/16/2005	2,6-Dinitrotoluene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYWEST	6/16/2005	2-Acetylaminofluorene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
MIDWAYWEST	6/16/2005	2-Chloronaphthalene	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
MIDWAYWEST	6/16/2005	2-Chlorophenol	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
MIDWAYWEST	6/16/2005	2-Hexanone	3.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
MIDWAYWEST	6/16/2005	2-Methylnaphthalene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
MIDWAYWEST	6/16/2005	2-Methylphenol (O-Cresol)	7.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYWEST	6/16/2005	2-Naphthylamine	94	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
MIDWAYWEST	6/16/2005	2-Nitroaniline	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
MIDWAYWEST	6/16/2005	2-Nitrophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
MIDWAYWEST	6/16/2005	2-Picoline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
MIDWAYWEST	6/16/2005	3,3'-Dichlorobenzidine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
MIDWAYWEST	6/16/2005	3,3'-Dimethylbenzidine	1200	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
MIDWAYWEST	6/16/2005	3-Methylcholanthrene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
MIDWAYWEST	6/16/2005	3-Nitroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
MIDWAYWEST	6/16/2005	4,6-Dinitro-2-Methylphenol	750	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
MIDWAYWEST	6/16/2005	4-Aminobiphenyl	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
MIDWAYWEST	6/16/2005	4-Bromophenyl Phenyl Ether	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
MIDWAYWEST	6/16/2005	4-Chloro-3-Methylphenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYWEST	6/16/2005	4-Chloroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
MIDWAYWEST	6/16/2005	4-Chlorophenyl Phenyl Ether	8.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
MIDWAYWEST	6/16/2005	4-Dimethylaminoazobenzene	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
MIDWAYWEST	6/16/2005	4-Methylphenol (P-Cresol)	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYWEST	6/16/2005	4-Nitroaniline	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
MIDWAYWEST	6/16/2005	4-Nitrophenol	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYWEST	6/16/2005	4-Nitroquinoline-N-Oxide	750	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
MIDWAYWEST	6/16/2005	5-Nitro-Ortho-Toluidine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
MIDWAYWEST	6/16/2005	7,12-Dimethylbenz[A]Anthracene	61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
MIDWAYWEST	6/16/2005	Acenaphthene	8.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
MIDWAYWEST	6/16/2005	Acenaphthylene	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
MIDWAYWEST	6/16/2005	Acetone	74	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYWEST	6/16/2005	Acetonitrile	7.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYWEST	6/16/2005	Acetophenone	9.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
MIDWAYWEST	6/16/2005	Acrolein	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
MIDWAYWEST	6/16/2005	Acrylonitrile	6.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
MIDWAYWEST	6/16/2005	Allyl Chloride	0.66	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
MIDWAYWEST	6/16/2005	Alpha,Alpha-Dimethylphenethylamine	730	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
MIDWAYWEST	6/16/2005	Aniline	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
MIDWAYWEST	6/16/2005	Anthracene	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
MIDWAYWEST	6/16/2005	Antimony	0.26	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
MIDWAYWEST	6/16/2005	Aramite	76	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
MIDWAYWEST	6/16/2005	Arsenic	1.3	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
MIDWAYWEST	6/16/2005	Barium	12.3	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
MIDWAYWEST	6/16/2005	Benzene	0.39	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
MIDWAYWEST	6/16/2005	Benzo(A)Anthracene	78	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYWEST	6/16/2005	Benzo(B)Fluoranthene	79	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYWEST	6/16/2005	Benzo(G,H,I)Perylene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
MIDWAYWEST	6/16/2005	Benzo(K)Fluoranthene	53	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
MIDWAYWEST	6/16/2005	Benzo[A]Pyrene	90	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
MIDWAYWEST	6/16/2005	Benzyl Alcohol	42	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYWEST	6/16/2005	Beryllium	0.0061	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
MIDWAYWEST	6/16/2005	Biphenyl	62	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
MIDWAYWEST	6/16/2005	Bis(2-Chloro-1-Methylethyl) Ether	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYWEST	6/16/2005	Bis(2-Chloroethoxy)Methane	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
MIDWAYWEST	6/16/2005	Bis(2-Chloroethyl)Ether	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
MIDWAYWEST	6/16/2005	Bis(2-Ethylhexyl)Phthalate	110	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
MIDWAYWEST	6/16/2005	Bromodichloromethane	1.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
MIDWAYWEST	6/16/2005	Bromoform	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
MIDWAYWEST	6/16/2005	Butyl Benzyl Phthalate	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
MIDWAYWEST	6/16/2005	Cadmium	0.028	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
MIDWAYWEST	6/16/2005	Carbon Disulfide	0.78	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYWEST	6/16/2005	Carbon Tetrachloride	0.79	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
MIDWAYWEST	6/16/2005	Chlorobenzene	2.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
MIDWAYWEST	6/16/2005	Chlorobenzilate	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
MIDWAYWEST	6/16/2005	Chlorodibromomethane	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
MIDWAYWEST	6/16/2005	Chloroform	0.68	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
MIDWAYWEST	6/16/2005	Chloroprene	0.62	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
MIDWAYWEST	6/16/2005	Chromium	15.9	MG/KG	J	J		Y	0-2 Feet	FS	Soil	Site Background	42.7
MIDWAYWEST	6/16/2005	Chrysene	98	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
MIDWAYWEST	6/16/2005	cis-1,2 Dichloroethene	0.48	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
MIDWAYWEST	6/16/2005	cis-1,3-Dichloropropene	1.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
MIDWAYWEST	6/16/2005	Cobalt	0.74	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
MIDWAYWEST	6/16/2005	Copper	1.7	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
MIDWAYWEST	6/16/2005	Diallate	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
MIDWAYWEST	6/16/2005	Dibenz(A,H)Anthracene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
MIDWAYWEST	6/16/2005	Dibenzofuran	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
MIDWAYWEST	6/16/2005	Dichlorodifluoromethane	2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
MIDWAYWEST	6/16/2005	Diethyl Phthalate	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
MIDWAYWEST	6/16/2005	Diethylene Glycol	2400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
MIDWAYWEST	6/16/2005	Dimethoate	53	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYWEST	6/16/2005	Dimethyl Phthalate	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
MIDWAYWEST	6/16/2005	Dimethyl Terephthalate	69	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
MIDWAYWEST	6/16/2005	Di-N-Butyl Phthalate	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
MIDWAYWEST	6/16/2005	Diphenyl Amine	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
MIDWAYWEST	6/16/2005	Diphenyl Ether	67	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
MIDWAYWEST	6/16/2005	Ethyl Chloride	0.53	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
MIDWAYWEST	6/16/2005	Ethyl Methacrylate	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
MIDWAYWEST	6/16/2005	Ethyl Methanesulfonate	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYWEST	6/16/2005	Ethylbenzene	2.7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
MIDWAYWEST	6/16/2005	Ethylene Glycol	2300	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYWEST	6/16/2005	Fluoranthene	120	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
MIDWAYWEST	6/16/2005	Fluorene	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
MIDWAYWEST	6/16/2005	Hexachlorobenzene	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYWEST	6/16/2005	Hexachlorobutadiene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYWEST	6/16/2005	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
MIDWAYWEST	6/16/2005	Hexachloroethane	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
MIDWAYWEST	6/16/2005	Hexachloropropylene	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
MIDWAYWEST	6/16/2005	Hexane	0.93	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.40E+05
MIDWAYWEST	6/16/2005	Indeno (1,2,3-CD) Pyrene	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
MIDWAYWEST	6/16/2005	Iodomethane	0.45	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
MIDWAYWEST	6/16/2005	Isobutyl Alcohol	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
MIDWAYWEST	6/16/2005	Isodrin	8.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
MIDWAYWEST	6/16/2005	Isophorone	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
MIDWAYWEST	6/16/2005	Isosafrole	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
MIDWAYWEST	6/16/2005	Lead	12.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
MIDWAYWEST	6/16/2005	Mercury	0.069	MG/KG	B J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
MIDWAYWEST	6/16/2005	Methacrylonitrile	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
MIDWAYWEST	6/16/2005	Methanol	1600	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYWEST	6/16/2005	Methapyrilene	120	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
MIDWAYWEST	6/16/2005	Methyl Bromide	0.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
MIDWAYWEST	6/16/2005	Methyl Chloride	0.67	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
MIDWAYWEST	6/16/2005	Methyl Ethyl Ketone	16	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
MIDWAYWEST	6/16/2005	Methyl Isobutyl Ketone	3.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
MIDWAYWEST	6/16/2005	Methyl Methacrylate	2.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
MIDWAYWEST	6/16/2005	Methyl Methanesulfonate	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
MIDWAYWEST	6/16/2005	Methylene Bromide	1.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
MIDWAYWEST	6/16/2005	Methylene Chloride	1.3	UG/KG	J B	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
MIDWAYWEST	6/16/2005	Naphthalene	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
MIDWAYWEST	6/16/2005	N-Dioctyl Phthalate	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
MIDWAYWEST	6/16/2005	Nickel	4.1	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
MIDWAYWEST	6/16/2005	Nitrobenzene	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
MIDWAYWEST	6/16/2005	N-Nitroso(Methyl)Ethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
MIDWAYWEST	6/16/2005	N-Nitrosodiethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
MIDWAYWEST	6/16/2005	N-Nitrosodimethylamine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
MIDWAYWEST	6/16/2005	N-Nitroso-Di-N-Butylamine	7.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
MIDWAYWEST	6/16/2005	N-Nitrosodi-N-Propylamine	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
MIDWAYWEST	6/16/2005	N-Nitrosodiphenylamine	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
MIDWAYWEST	6/16/2005	N-Nitrosomorpholine	43	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
MIDWAYWEST	6/16/2005	N-Nitrosopiperidine	8.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
MIDWAYWEST	6/16/2005	N-Nitrosopyrrolidine	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
MIDWAYWEST	6/16/2005	O,O,O-Triethylphosphorothioate	37	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
MIDWAYWEST	6/16/2005	O-Toluidine	9.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
MIDWAYWEST	6/16/2005	para-Phenylenediamine	700	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
MIDWAYWEST	6/16/2005	Pentachlorobenzene	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
MIDWAYWEST	6/16/2005	Pentachloroethane	2.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
MIDWAYWEST	6/16/2005	Pentachloronitrobenzene	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
MIDWAYWEST	6/16/2005	Pentachlorophenol	750	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
MIDWAYWEST	6/16/2005	Phenacetin	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
MIDWAYWEST	6/16/2005	Phenanthrene	37	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
MIDWAYWEST	6/16/2005	Phenol	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
MIDWAYWEST	6/16/2005	Pronamide	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
MIDWAYWEST	6/16/2005	Propionitrile	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
MIDWAYWEST	6/16/2005	Propylene Glycol	3000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
MIDWAYWEST	6/16/2005	Pyrene	88	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
MIDWAYWEST	6/16/2005	Pyridine	150	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
MIDWAYWEST	6/16/2005	Safrole	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
MIDWAYWEST	6/16/2005	Selenium	0.31	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYWEST	6/16/2005	Silver	0.23	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYWEST	6/16/2005	Styrene	2.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
MIDWAYWEST	6/16/2005	Terephthalic Acid	5.6	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
MIDWAYWEST	6/16/2005	Tetrachloroethene	0.73	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
MIDWAYWEST	6/16/2005	Tetraethyl Dithiopyrophosphate	46	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
MIDWAYWEST	6/16/2005	Thallium	0.26	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
MIDWAYWEST	6/16/2005	Thionazin	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
MIDWAYWEST	6/16/2005	Tin	0.91	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
MIDWAYWEST	6/16/2005	Toluene	2.1	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
MIDWAYWEST	6/16/2005	trans-1,2-Dichloroethene	0.63	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
MIDWAYWEST	6/16/2005	trans-1,3-Dichloropropene	2.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
MIDWAYWEST	6/16/2005	Trichloroethene	0.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
MIDWAYWEST	6/16/2005	Trichlorofluoromethane	0.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
MIDWAYWEST	6/16/2005	Triethylene Glycol	3200	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
MIDWAYWEST	6/16/2005	Vanadium	19	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
MIDWAYWEST	6/16/2005	Vinyl Acetate	0.81	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
MIDWAYWEST	6/16/2005	Vinyl Chloride	0.55	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
MIDWAYWEST	6/16/2005	Xylenes	11	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
MIDWAYWEST	6/16/2005	Zinc	10.6	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
RW-7	7/3/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-7	7/3/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-7	7/3/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-7	7/3/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-7	7/3/2008	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-7	7/3/2008	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-7	7/3/2008	1,1-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-7	7/3/2008	1,2,3-Trichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-7	7/3/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-7	7/3/2008	1,2,4,5-Tetrachlorobenzene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-7	7/3/2008	1,2,4-Trichlorobenzene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-7	7/3/2008	1,2,4-Trichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-7	7/3/2008	1,2,4-Trimethylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-7	7/3/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-7	7/3/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-7	7/3/2008	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-7	7/3/2008	1,2-Dichlorobenzene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-7	7/3/2008	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-7	7/3/2008	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-7	7/3/2008	1,3,5-Trimethylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-7	7/3/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-7	7/3/2008	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-7	7/3/2008	1,3-Dichlorobenzene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-7	7/3/2008	1,3-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-7	7/3/2008	1,3-Dinitrobenzene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-7	7/3/2008	1,4-Dichlorobenzene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-7	7/3/2008	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-7	7/3/2008	1,4-Dioxane	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-7	7/3/2008	1,4-Naphthoquinone	900	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-7	7/3/2008	1-Naphthylamine	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-7	7/3/2008	2,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-7	7/3/2008	2,3,4,6-Tetrachlorophenol	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-7	7/3/2008	2,4,5-Trichlorophenol	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-7	7/3/2008	2,4,6-Trichlorophenol	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-7	7/3/2008	2,4-Dichlorophenol	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-7	7/3/2008	2,4-Dimethylphenol	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-7	7/3/2008	2,4-Dinitrophenol	720	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-7	7/3/2008	2,4-Dinitrotoluene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-7	7/3/2008	2,6-Dichlorophenol	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-7	7/3/2008	2,6-Dinitrotoluene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-7	7/3/2008	2-Acetylaminofluorene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-7	7/3/2008	2-Chloronaphthalene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-7	7/3/2008	2-Chlorophenol	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-7	7/3/2008	2-Chlorotoluene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-7	7/3/2008	2-Methylnaphthalene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-7	7/3/2008	2-Methylphenol (O-Cresol)	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-7	7/3/2008	2-Naphthylamine	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-7	7/3/2008	2-Nitroaniline	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-7	7/3/2008	2-Nitrophenol	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-7	7/3/2008	2-Picoline	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-7	7/3/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-7	7/3/2008	3,3'-Dimethylbenzidine	360	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-7	7/3/2008	3-Methylcholanthrene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-7	7/3/2008	3-Nitroaniline	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-7	7/3/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-7	7/3/2008	4-Aminobiphenyl	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-7	7/3/2008	4-Bromophenyl Phenyl Ether	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-7	7/3/2008	4-Chloro-3-Methylphenol	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-7	7/3/2008	4-Chloroaniline	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-7	7/3/2008	4-Chlorophenyl Phenyl Ether	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-7	7/3/2008	4-Chlorotoluene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-7	7/3/2008	4-Dimethylaminoazobenzene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-7	7/3/2008	4-Isopropyltoluene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-7	7/3/2008	4-Methylphenol (P-Cresol)	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-7	7/3/2008	4-Nitroaniline	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-7	7/3/2008	4-Nitrophenol	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-7	7/3/2008	4-Nitroquinoline-N-Oxide	360	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-7	7/3/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-7	7/3/2008	7,12-Dimethylbenz[A]Anthracene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-7	7/3/2008	Acenaphthene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-7	7/3/2008	Acenaphthylene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-7	7/3/2008	Acetophenone	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-7	7/3/2008	Aniline	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-7	7/3/2008	Anthracene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-7	7/3/2008	Arsenic	1.26	MG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-7	7/3/2008	Barium	17.9	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-7	7/3/2008	Benzene	0.5	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-7	7/3/2008	Benzo(A)Anthracene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-7	7/3/2008	Benzo(B)Fluoranthene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-7	7/3/2008	Benzo(G,H,I)Perylene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-7	7/3/2008	Benzo(K)Fluoranthene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-7	7/3/2008	Benzo[A]Pyrene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-7	7/3/2008	Benzyl Alcohol	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-7	7/3/2008	Bis(2-Chloroethoxy)Methane	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-7	7/3/2008	Bis(2-Chloroethyl)Ether	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-7	7/3/2008	Bis(2-Chloroisopropyl)Ether	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-7	7/3/2008	Bis(2-Ethylhexyl)Phthalate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-7	7/3/2008	Bromobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-7	7/3/2008	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-7	7/3/2008	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-7	7/3/2008	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-7	7/3/2008	Butyl Benzyl Phthalate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-7	7/3/2008	Cadmium	0.151	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-7	7/3/2008	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-7	7/3/2008	Chlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-7	7/3/2008	Chlorobenzilate	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-7	7/3/2008	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-7	7/3/2008	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-7	7/3/2008	Chromium	3.68	MG/KG				Y	0-1 Feet	FS	Soil	Site Background	42.7
RW-7	7/3/2008	Chrysene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-7	7/3/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-7	7/3/2008	Cumene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-7	7/3/2008	Diallate	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-7	7/3/2008	Dibenz(A,H)Anthracene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-7	7/3/2008	Dibenzofuran	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-7	7/3/2008	Dichlorodifluoromethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-7	7/3/2008	Diethyl Phthalate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-7	7/3/2008	Diisopropyl Ether	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-7	7/3/2008	Dimethoate	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-7	7/3/2008	Dimethyl Phthalate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-7	7/3/2008	Di-N-Butyl Phthalate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-7	7/3/2008	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-7	7/3/2008	Ethyl Methanesulfonate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-7	7/3/2008	Ethylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-7	7/3/2008	Fluoranthene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-7	7/3/2008	Fluorene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-7	7/3/2008	Hexachlorobenzene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-7	7/3/2008	Hexachlorobutadiene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-7	7/3/2008	Hexachlorobutadiene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-7	7/3/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-7	7/3/2008	Hexachloroethane	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-7	7/3/2008	Hexachloropropylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-7	7/3/2008	Indeno (1,2,3-CD) Pyrene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-7	7/3/2008	Isodrin	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-7	7/3/2008	Isophorone	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-7	7/3/2008	Isosafrole	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-7	7/3/2008	Lead	51.6	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-7	7/3/2008	Mercury	0.019	MG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-7	7/3/2008	Meta- And Para-Xylene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-7	7/3/2008	Methapyrilene	1800	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-7	7/3/2008	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-7	7/3/2008	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-7	7/3/2008	Methyl Methanesulfonate	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-7	7/3/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-7	7/3/2008	Methylene Bromide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-7	7/3/2008	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-7	7/3/2008	Naphthalene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-7	7/3/2008	Naphthalene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-7	7/3/2008	N-Butylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-7	7/3/2008	N-Dioctyl Phthalate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-7	7/3/2008	Nitrobenzene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-7	7/3/2008	N-Nitroso(Methyl)Ethylamine	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-7	7/3/2008	N-Nitrosodiethylamine	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-7	7/3/2008	N-Nitrosodimethylamine	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-7	7/3/2008	N-Nitroso-Di-N-Butylamine	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-7	7/3/2008	N-Nitrosodi-N-Propylamine	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-7	7/3/2008	N-Nitrosodiphenylamine	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-7	7/3/2008	N-Nitrosomorpholine	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-7	7/3/2008	N-Nitrosopiperidine	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-7	7/3/2008	N-Nitrosopyrrolidine	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-7	7/3/2008	N-Propylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-7	7/3/2008	O,O,O-Triethylphosphorothioate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-7	7/3/2008	Ortho-Xylene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-7	7/3/2008	O-Toluidine	220	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-7	7/3/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-7	7/3/2008	Pentachlorobenzene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-7	7/3/2008	Pentachloronitrobenzene	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-7	7/3/2008	Pentachlorophenol	180	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-7	7/3/2008	Phenacetin	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-7	7/3/2008	Phenanthrene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-7	7/3/2008	Phenol	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-7	7/3/2008	Pronamide	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-7	7/3/2008	Pyrene	36	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-7	7/3/2008	Pyridine	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-7	7/3/2008	Safrole	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-7	7/3/2008	sec-Butylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-7	7/3/2008	Selenium	1.05	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-7	7/3/2008	Silver	0.183	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-7	7/3/2008	Styrene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-7	7/3/2008	tert-Butylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-7	7/3/2008	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-7	7/3/2008	Tetraethyl Dithiopyrophosphate	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-7	7/3/2008	Thionazin	72	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-7	7/3/2008	Toluene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-7	7/3/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-7	7/3/2008	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-7	7/3/2008	Trichlorofluoromethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-7	7/3/2008	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB01	5/29/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB01	5/29/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB01	5/29/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB01	5/29/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB01	5/29/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB01	5/29/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB01	5/29/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB01	5/29/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB01	5/29/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB01	5/29/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB01	5/29/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB01	5/29/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB01	5/29/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB01	5/29/2007	2-Methylnaphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB01	5/29/2007	Acenaphthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB01	5/29/2007	Acenaphthylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB01	5/29/2007	Acetone	8	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB01	5/29/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB01	5/29/2007	Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB01	5/29/2007	Benzene	0.6	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB01	5/29/2007	Benzo(A)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB01	5/29/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB01	5/29/2007	Benzo[A]Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB01	5/29/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB01	5/29/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB01	5/29/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB01	5/29/2007	C11 to C22 Aromatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB01	5/29/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB01	5/29/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB01	5/29/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB01	5/29/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB01	5/29/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB01	5/29/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB01	5/29/2007	Chrysene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB01	5/29/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB01	5/29/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB01	5/29/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB01	5/29/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB01	5/29/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB01	5/29/2007	Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB01	5/29/2007	Fluorene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB01	5/29/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB01	5/29/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB01	5/29/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB01	5/29/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB01	5/29/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB01	5/29/2007	Naphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB01	5/29/2007	Phenanthrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB01	5/29/2007	Pyrene	350	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB01	5/29/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB01	5/29/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB01	5/29/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB01	5/29/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB01	5/29/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB01	5/29/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB01	5/29/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB01	5/29/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB01	5/29/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB02	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB02	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB02	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB02	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB02	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB02	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB02	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB02	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB02	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB02	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB02	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB02	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB02	5/30/2007	2-Hexanone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB02	5/30/2007	2-Methylnaphthalene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB02	5/30/2007	Acenaphthene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB02	5/30/2007	Acenaphthylene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB02	5/30/2007	Acetone	9	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB02	5/30/2007	Anthracene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB02	5/30/2007	Benzene	0.6	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB02	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	1800	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB02	5/30/2007	Benzo[A]Pyrene	4800	UG/KG	J	J	Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB02	5/30/2007	Benzo(A)Anthracene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB02	5/30/2007	C11 to C22 Aromatics	3200	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB02	5/30/2007	Unadjusted C11 - C22 Aromatics	3300	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB02	5/30/2007	Benzo(B)Fluoranthene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB02	5/30/2007	Benzo(G,H,I)Perylene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB02	5/30/2007	Benzo(K)Fluoranthene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB02	5/30/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB02	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB02	5/30/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB02	5/30/2007	C19 to C36 Aliphatics	5800	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB02	5/30/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB02	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB02	5/30/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB02	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB02	5/30/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB02	5/30/2007	Chrysene	6800	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB02	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB02	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB02	5/30/2007	Dibenz(A,H)Anthracene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB02	5/30/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB02	5/30/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB02	5/30/2007	Fluoranthene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB02	5/30/2007	Fluorene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB02	5/30/2007	Indeno (1,2,3-CD) Pyrene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB02	5/30/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB02	5/30/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB02	5/30/2007	Methyl Ethyl Ketone	5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB02	5/30/2007	Methyl Isobutyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB02	5/30/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB02	5/30/2007	Naphthalene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB02	5/30/2007	Phenanthrene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB02	5/30/2007	Pyrene	3300	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB02	5/30/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB02	5/30/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB02	5/30/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB02	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB02	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB02	5/30/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB02	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB02	5/30/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB03	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB03	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB03	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB03	5/30/2007	1,1-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB03	5/30/2007	1,1-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB03	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB03	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB03	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB03	5/30/2007	1,2-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB03	5/30/2007	1,2-Dichloropropane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB03	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB03	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB03	5/30/2007	2-Hexanone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB03	5/30/2007	2-Methylnaphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB03	5/30/2007	Acenaphthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB03	5/30/2007	Acenaphthylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB03	5/30/2007	Acetone	18	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB03	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	6.9	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB03	5/30/2007	Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB03	5/30/2007	Benzene	0.6	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB03	5/30/2007	Benzo(A)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB03	5/30/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB03	5/30/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB03	5/30/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB03	5/30/2007	Benzo[A]Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB03	5/30/2007	Bromochloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB03	5/30/2007	Bromodichloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB03	5/30/2007	Bromoform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB03	5/30/2007	C11 to C22 Aromatics	25	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB03	5/30/2007	C19 to C36 Aliphatics	36	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB03	5/30/2007	Carbon Disulfide	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB03	5/30/2007	Carbon Tetrachloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB03	5/30/2007	Chlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB03	5/30/2007	Chlorodibromomethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB03	5/30/2007	Chloroform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB03	5/30/2007	Chrysene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB03	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB03	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB03	5/30/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB03	5/30/2007	Ethyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB03	5/30/2007	Ethylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB03	5/30/2007	Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB03	5/30/2007	Fluorene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB03	5/30/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB03	5/30/2007	Methyl Bromide	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB03	5/30/2007	Methyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB03	5/30/2007	Methyl Ethyl Ketone	5	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB03	5/30/2007	Methyl Isobutyl Ketone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB03	5/30/2007	Methylene Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB03	5/30/2007	Naphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB03	5/30/2007	Phenanthrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB03	5/30/2007	Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB03	5/30/2007	Styrene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB03	5/30/2007	Tetrachloroethene	1	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB03	5/30/2007	Toluene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB03	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB03	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB03	5/30/2007	Trichloroethene	2	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB03	5/30/2007	Unadjusted C11 - C22 Aromatics	25	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB03	5/30/2007	Vinyl Chloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB03	5/30/2007	Xylenes	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB04	6/4/2007	1,1,1-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB04	6/4/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB04	6/4/2007	1,1,2-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB04	6/4/2007	1,1-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB04	6/4/2007	1,1-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB04	6/4/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB04	6/4/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB04	6/4/2007	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB04	6/4/2007	1,2-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB04	6/4/2007	1,2-Dichloropropane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB04	6/4/2007	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB04	6/4/2007	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB04	6/4/2007	2-Hexanone	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB04	6/4/2007	2-Methylnaphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB04	6/4/2007	Acenaphthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB04	6/4/2007	Acenaphthylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB04	6/4/2007	Acetone	30	UG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB04	6/4/2007	Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB04	6/4/2007	Benzene	0.5	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB04	6/4/2007	Benzo(A)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB04	6/4/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	10	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB04	6/4/2007	Benzo(B)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB04	6/4/2007	Benzo(G,H,I)Perylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB04	6/4/2007	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB04	6/4/2007	Benzo[A]Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB04	6/4/2007	Bromochloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB04	6/4/2007	Bromodichloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB04	6/4/2007	Bromoform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB04	6/4/2007	C11 to C22 Aromatics	19	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB04	6/4/2007	C19 to C36 Aliphatics	69	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB04	6/4/2007	Carbon Disulfide	2	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB04	6/4/2007	Carbon Tetrachloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB04	6/4/2007	Chlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB04	6/4/2007	Chlorodibromomethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB04	6/4/2007	Chloroform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB04	6/4/2007	Chrysene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB04	6/4/2007	cis-1,2 Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB04	6/4/2007	cis-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB04	6/4/2007	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB04	6/4/2007	Ethyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB04	6/4/2007	Ethylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB04	6/4/2007	Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB04	6/4/2007	Fluorene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB04	6/4/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB04	6/4/2007	Methyl Bromide	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB04	6/4/2007	Methyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB04	6/4/2007	Methyl Ethyl Ketone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB04	6/4/2007	Methyl Isobutyl Ketone	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB04	6/4/2007	Methylene Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB04	6/4/2007	Naphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB04	6/4/2007	Phenanthrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB04	6/4/2007	Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB04	6/4/2007	Styrene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB04	6/4/2007	Tetrachloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB04	6/4/2007	Toluene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB04	6/4/2007	trans-1,2-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB04	6/4/2007	trans-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB04	6/4/2007	Trichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB04	6/4/2007	Unadjusted C11 - C22 Aromatics	19	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB04	6/4/2007	Vinyl Chloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB04	6/4/2007	Xylenes	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB05	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB05	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB05	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB05	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB05	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB05	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB05	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB05	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB05	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB05	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB05	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB05	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB05	5/30/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB05	5/30/2007	2-Methylnaphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB05	5/30/2007	Acenaphthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB05	5/30/2007	Acenaphthylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB05	5/30/2007	Acetone	10	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB05	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.3	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB05	5/30/2007	Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB05	5/30/2007	Benzene	0.6	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB05	5/30/2007	Benzo(A)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB05	5/30/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB05	5/30/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB05	5/30/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB05	5/30/2007	Benzo[A]Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB05	5/30/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB05	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB05	5/30/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB05	5/30/2007	C11 to C22 Aromatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB05	5/30/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB05	5/30/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB05	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB05	5/30/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB05	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB05	5/30/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB05	5/30/2007	Chrysene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB05	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB05	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB05	5/30/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB05	5/30/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB05	5/30/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB05	5/30/2007	Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB05	5/30/2007	Fluorene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB05	5/30/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB05	5/30/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB05	5/30/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB05	5/30/2007	Methyl Ethyl Ketone	5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB05	5/30/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB05	5/30/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB05	5/30/2007	Naphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB05	5/30/2007	Phenanthrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB05	5/30/2007	Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB05	5/30/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB05	5/30/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB05	5/30/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB05	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB05	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB05	5/30/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB05	5/30/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB05	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB05	5/30/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB06	5/31/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB06	5/31/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB06	5/31/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB06	5/31/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB06	5/31/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB06	5/31/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB06	5/31/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB06	5/31/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB06	5/31/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB06	5/31/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB06	5/31/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB06	5/31/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB06	5/31/2007	2-Hexanone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB06	5/31/2007	2-Methylnaphthalene	130	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB06	5/31/2007	Acenaphthene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB06	5/31/2007	Acenaphthylene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB06	5/31/2007	Acetone	11	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB06	5/31/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.6	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB06	5/31/2007	Anthracene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB06	5/31/2007	Benzene	0.6	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB06	5/31/2007	Benzo(A)Anthracene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB06	5/31/2007	Benzo(B)Fluoranthene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB06	5/31/2007	Benzo(G,H,I)Perylene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB06	5/31/2007	Benzo(K)Fluoranthene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB06	5/31/2007	Benzo[A]Pyrene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB06	5/31/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB06	5/31/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB06	5/31/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB06	5/31/2007	C11 to C22 Aromatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB06	5/31/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB06	5/31/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB06	5/31/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB06	5/31/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB06	5/31/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB06	5/31/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB06	5/31/2007	Chrysene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB06	5/31/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB06	5/31/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB06	5/31/2007	Dibenz(A,H)Anthracene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB06	5/31/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB06	5/31/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB06	5/31/2007	Fluoranthene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB06	5/31/2007	Fluorene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB06	5/31/2007	Indeno (1,2,3-CD) Pyrene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB06	5/31/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB06	5/31/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB06	5/31/2007	Methyl Ethyl Ketone	5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB06	5/31/2007	Methyl Isobutyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB06	5/31/2007	Methylene Chloride	3	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB06	5/31/2007	Naphthalene	130	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB06	5/31/2007	Phenanthrene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB06	5/31/2007	Pyrene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB06	5/31/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB06	5/31/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB06	5/31/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB06	5/31/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB06	5/31/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB06	5/31/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB06	5/31/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB06	5/31/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB06	5/31/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB07	6/1/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB07	6/1/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB07	6/1/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB07	6/1/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB07	6/1/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB07	6/1/2007	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB07	6/1/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB07	6/1/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB07	6/1/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB07	6/1/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB07	6/1/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB07	6/1/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB07	6/1/2007	2-Hexanone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB07	6/1/2007	2-Methylnaphthalene	150	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB07	6/1/2007	Acenaphthene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB07	6/1/2007	Acenaphthylene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB07	6/1/2007	Acetone	31	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB07	6/1/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	9.1	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB07	6/1/2007	Anthracene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB07	6/1/2007	Benzene	0.7	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB07	6/1/2007	Benzo(A)Anthracene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB07	6/1/2007	Benzo(B)Fluoranthene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB07	6/1/2007	Benzo(G,H,I)Perylene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB07	6/1/2007	Benzo(K)Fluoranthene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB07	6/1/2007	Benzo[A]Pyrene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB07	6/1/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB07	6/1/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB07	6/1/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB07	6/1/2007	C11 to C22 Aromatics	18	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB07	6/1/2007	C19 to C36 Aliphatics	18	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB07	6/1/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB07	6/1/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB07	6/1/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB07	6/1/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB07	6/1/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB07	6/1/2007	Chrysene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB07	6/1/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB07	6/1/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB07	6/1/2007	Dibenz(A,H)Anthracene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB07	6/1/2007	Ethyl Chloride	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB07	6/1/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB07	6/1/2007	Fluoranthene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB07	6/1/2007	Fluorene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB07	6/1/2007	Indeno (1,2,3-CD) Pyrene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB07	6/1/2007	Methyl Bromide	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB07	6/1/2007	Methyl Chloride	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB07	6/1/2007	Methyl Ethyl Ketone	6	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB07	6/1/2007	Methyl Isobutyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB07	6/1/2007	Methylene Chloride	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB07	6/1/2007	Naphthalene	150	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB07	6/1/2007	Phenanthrene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB07	6/1/2007	Pyrene	150	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB07	6/1/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB07	6/1/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB07	6/1/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB07	6/1/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB07	6/1/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB07	6/1/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB07	6/1/2007	Unadjusted C11 - C22 Aromatics	18	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB07	6/1/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB07	6/1/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB08	6/1/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB08	6/1/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB08	6/1/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB08	6/1/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB08	6/1/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB08	6/1/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB08	6/1/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB08	6/1/2007	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB08	6/1/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB08	6/1/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB08	6/1/2007	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB08	6/1/2007	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB08	6/1/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB08	6/1/2007	2-Methylnaphthalene	120	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB08	6/1/2007	Acenaphthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB08	6/1/2007	Acenaphthylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB08	6/1/2007	Acetone	8	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB08	6/1/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.1	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB08	6/1/2007	Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB08	6/1/2007	Benzene	0.6	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB08	6/1/2007	Benzo(A)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB08	6/1/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB08	6/1/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB08	6/1/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB08	6/1/2007	Benzo[A]Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB08	6/1/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB08	6/1/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB08	6/1/2007	Bromoform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB08	6/1/2007	C11 to C22 Aromatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB08	6/1/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB08	6/1/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB08	6/1/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB08	6/1/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB08	6/1/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB08	6/1/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB08	6/1/2007	Chrysene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB08	6/1/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB08	6/1/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB08	6/1/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB08	6/1/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB08	6/1/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB08	6/1/2007	Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB08	6/1/2007	Fluorene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB08	6/1/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB08	6/1/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB08	6/1/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB08	6/1/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB08	6/1/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB08	6/1/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB08	6/1/2007	Naphthalene	120	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB08	6/1/2007	Phenanthrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB08	6/1/2007	Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB08	6/1/2007	Styrene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB08	6/1/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB08	6/1/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB08	6/1/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB08	6/1/2007	trans-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB08	6/1/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB08	6/1/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB08	6/1/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB08	6/1/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB09	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB09	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB09	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB09	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB09	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB09	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB09	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB09	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB09	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB09	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB09	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB09	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB09	5/30/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB09	5/30/2007	2-Methylnaphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB09	5/30/2007	Acenaphthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB09	5/30/2007	Acenaphthylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB09	5/30/2007	Acetone	16	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB09	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.2	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB09	5/30/2007	Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB09	5/30/2007	Benzene	0.5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB09	5/30/2007	Benzo(A)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB09	5/30/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB09	5/30/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB09	5/30/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB09	5/30/2007	Benzo[A]Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB09	5/30/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB09	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB09	5/30/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB09	5/30/2007	C11 to C22 Aromatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB09	5/30/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB09	5/30/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB09	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB09	5/30/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB09	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB09	5/30/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB09	5/30/2007	Chrysene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB09	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB09	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB09	5/30/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB09	5/30/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB09	5/30/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB09	5/30/2007	Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB09	5/30/2007	Fluorene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB09	5/30/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB09	5/30/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB09	5/30/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB09	5/30/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB09	5/30/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB09	5/30/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB09	5/30/2007	Naphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB09	5/30/2007	Phenanthrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB09	5/30/2007	Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB09	5/30/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB09	5/30/2007	Tetrachloroethene	1	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB09	5/30/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB09	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB09	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB09	5/30/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB09	5/30/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB09	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB09	5/30/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB10	5/31/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB10	5/31/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB10	5/31/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB10	5/31/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB10	5/31/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB10	5/31/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB10	5/31/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB10	5/31/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB10	5/31/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB10	5/31/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB10	5/31/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB10	5/31/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB10	5/31/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB10	5/31/2007	2-Methylnaphthalene	110	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB10	5/31/2007	Acenaphthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB10	5/31/2007	Acenaphthylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB10	5/31/2007	Acetone	11	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB10	5/31/2007	Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB10	5/31/2007	Benzene	0.5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB10	5/31/2007	Benzo(A)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB10	5/31/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	31	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB10	5/31/2007	Benzo(B)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB10	5/31/2007	Benzo(G,H,I)Perylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB10	5/31/2007	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB10	5/31/2007	Benzo[A]Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB10	5/31/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB10	5/31/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB10	5/31/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB10	5/31/2007	C11 to C22 Aromatics	110	MG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB10	5/31/2007	C19 to C36 Aliphatics	130	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB10	5/31/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB10	5/31/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB10	5/31/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB10	5/31/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB10	5/31/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB10	5/31/2007	Chrysene	170	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB10	5/31/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB10	5/31/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB10	5/31/2007	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB10	5/31/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB10	5/31/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB10	5/31/2007	Fluoranthene	170	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB10	5/31/2007	Fluorene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB10	5/31/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB10	5/31/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB10	5/31/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB10	5/31/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB10	5/31/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB10	5/31/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB10	5/31/2007	Naphthalene	110	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB10	5/31/2007	Phenanthrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB10	5/31/2007	Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB10	5/31/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB10	5/31/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB10	5/31/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB10	5/31/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB10	5/31/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB10	5/31/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB10	5/31/2007	Unadjusted C11 - C22 Aromatics	110	MG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB10	5/31/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB10	5/31/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB11	6/6/2007	1,1,1-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB11	6/6/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB11	6/6/2007	1,1,2-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB11	6/6/2007	1,1-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB11	6/6/2007	1,1-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB11	6/6/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB11	6/6/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB11	6/6/2007	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB11	6/6/2007	1,2-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB11	6/6/2007	1,2-Dichloropropane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB11	6/6/2007	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB11	6/6/2007	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB11	6/6/2007	2-Hexanone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB11	6/6/2007	2-Methylnaphthalene	370	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB11	6/6/2007	Acenaphthene	130	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB11	6/6/2007	Acenaphthylene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB11	6/6/2007	Acetone	110	UG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB11	6/6/2007	Anthracene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB11	6/6/2007	Benzene	0.6	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB11	6/6/2007	Benzo(A)Anthracene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB11	6/6/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	43	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB11	6/6/2007	Benzo(B)Fluoranthene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB11	6/6/2007	C11 to C22 Aromatics	160	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB11	6/6/2007	Unadjusted C11 - C22 Aromatics	160	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB11	6/6/2007	Benzo(G,H,I)Perylene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB11	6/6/2007	Benzo(K)Fluoranthene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB11	6/6/2007	Benzo[A]Pyrene	190	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB11	6/6/2007	Bromochloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB11	6/6/2007	Bromodichloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB11	6/6/2007	Bromoform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB11	6/6/2007	C19 to C36 Aliphatics	120	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB11	6/6/2007	Carbon Disulfide	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB11	6/6/2007	Carbon Tetrachloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB11	6/6/2007	Chlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB11	6/6/2007	Chlorodibromomethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB11	6/6/2007	Chloroform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB11	6/6/2007	Chrysene	300	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB11	6/6/2007	cis-1,2 Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB11	6/6/2007	cis-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB11	6/6/2007	Dibenz(A,H)Anthracene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB11	6/6/2007	Ethyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB11	6/6/2007	Ethylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB11	6/6/2007	Fluoranthene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB11	6/6/2007	Fluorene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB11	6/6/2007	Indeno (1,2,3-CD) Pyrene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB11	6/6/2007	Methyl Bromide	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB11	6/6/2007	Methyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB11	6/6/2007	Methyl Ethyl Ketone	14	UG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB11	6/6/2007	Methyl Isobutyl Ketone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB11	6/6/2007	Methylene Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB11	6/6/2007	Naphthalene	420	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB11	6/6/2007	Phenanthrene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB11	6/6/2007	Pyrene	130	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB11	6/6/2007	Styrene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB11	6/6/2007	Tetrachloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB11	6/6/2007	Toluene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB11	6/6/2007	trans-1,2-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB11	6/6/2007	trans-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB11	6/6/2007	Trichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB11	6/6/2007	Vinyl Chloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB11	6/6/2007	Xylenes	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB12	6/4/2007	1,1,1-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB12	6/4/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB12	6/4/2007	1,1,2-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB12	6/4/2007	1,1-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB12	6/4/2007	1,1-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB12	6/4/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB12	6/4/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB12	6/4/2007	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB12	6/4/2007	1,2-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB12	6/4/2007	1,2-Dichloropropane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB12	6/4/2007	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB12	6/4/2007	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB12	6/4/2007	2-Hexanone	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB12	6/4/2007	2-Methylnaphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB12	6/4/2007	Acenaphthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB12	6/4/2007	Acenaphthylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB12	6/4/2007	Acetone	8	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB12	6/4/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	6.6	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB12	6/4/2007	Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB12	6/4/2007	Benzene	0.9	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB12	6/4/2007	Benzo(A)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB12	6/4/2007	Benzo(B)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB12	6/4/2007	Benzo(G,H,I)Perylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB12	6/4/2007	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB12	6/4/2007	Benzo[A]Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB12	6/4/2007	Bromochloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB12	6/4/2007	Bromodichloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB12	6/4/2007	Bromoform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB12	6/4/2007	C11 to C22 Aromatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB12	6/4/2007	C19 to C36 Aliphatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB12	6/4/2007	Carbon Disulfide	1	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB12	6/4/2007	Carbon Tetrachloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB12	6/4/2007	Chlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB12	6/4/2007	Chlorodibromomethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB12	6/4/2007	Chloroform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB12	6/4/2007	Chrysene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB12	6/4/2007	cis-1,2 Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB12	6/4/2007	cis-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB12	6/4/2007	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB12	6/4/2007	Ethyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB12	6/4/2007	Ethylbenzene	2	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB12	6/4/2007	Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB12	6/4/2007	Fluorene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB12	6/4/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB12	6/4/2007	Methyl Bromide	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB12	6/4/2007	Methyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB12	6/4/2007	Methyl Ethyl Ketone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB12	6/4/2007	Methyl Isobutyl Ketone	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB12	6/4/2007	Methylene Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB12	6/4/2007	Naphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB12	6/4/2007	Phenanthrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB12	6/4/2007	Pyrene	330	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB12	6/4/2007	Styrene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB12	6/4/2007	Tetrachloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB12	6/4/2007	Toluene	1	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB12	6/4/2007	trans-1,2-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB12	6/4/2007	trans-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB12	6/4/2007	Trichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB12	6/4/2007	Unadjusted C11 - C22 Aromatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB12	6/4/2007	Vinyl Chloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB12	6/4/2007	Xylenes	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB13	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB13	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB13	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB13	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB13	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB13	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB13	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB13	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB13	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB13	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB13	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB13	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB13	5/30/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB13	5/30/2007	2-Methylnaphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB13	5/30/2007	Acenaphthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB13	5/30/2007	Acenaphthylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB13	5/30/2007	Acetone	13	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB13	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	6.9	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB13	5/30/2007	Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB13	5/30/2007	Benzene	0.6	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB13	5/30/2007	Benzo(A)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB13	5/30/2007	Benzo(B)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB13	5/30/2007	Benzo(G,H,I)Perylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB13	5/30/2007	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB13	5/30/2007	Benzo[A]Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB13	5/30/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB13	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB13	5/30/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB13	5/30/2007	C11 to C22 Aromatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB13	5/30/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB13	5/30/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB13	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB13	5/30/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB13	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB13	5/30/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB13	5/30/2007	Chrysene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB13	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB13	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB13	5/30/2007	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB13	5/30/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB13	5/30/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB13	5/30/2007	Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB13	5/30/2007	Fluorene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB13	5/30/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB13	5/30/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB13	5/30/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB13	5/30/2007	Methyl Ethyl Ketone	5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB13	5/30/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB13	5/30/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB13	5/30/2007	Naphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB13	5/30/2007	Phenanthrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB13	5/30/2007	Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB13	5/30/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB13	5/30/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB13	5/30/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB13	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB13	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB13	5/30/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB13	5/30/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB13	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB13	5/30/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB14	5/31/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB14	5/31/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB14	5/31/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB14	5/31/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB14	5/31/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB14	5/31/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB14	5/31/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB14	5/31/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB14	5/31/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB14	5/31/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB14	5/31/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB14	5/31/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB14	5/31/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB14	5/31/2007	2-Methylnaphthalene	110	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB14	5/31/2007	Acenaphthene	110	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB14	5/31/2007	Acenaphthylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB14	5/31/2007	Acetone	8	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB14	5/31/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	6.7	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB14	5/31/2007	Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB14	5/31/2007	Benzene	0.5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB14	5/31/2007	Benzo(A)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB14	5/31/2007	Benzo(B)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB14	5/31/2007	Benzo(G,H,I)Perylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB14	5/31/2007	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB14	5/31/2007	Benzo[A]Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB14	5/31/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB14	5/31/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB14	5/31/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB14	5/31/2007	C11 to C22 Aromatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB14	5/31/2007	C19 to C36 Aliphatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB14	5/31/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB14	5/31/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB14	5/31/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB14	5/31/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB14	5/31/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB14	5/31/2007	Chrysene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB14	5/31/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB14	5/31/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB14	5/31/2007	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB14	5/31/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB14	5/31/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB14	5/31/2007	Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB14	5/31/2007	Fluorene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB14	5/31/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB14	5/31/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB14	5/31/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB14	5/31/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB14	5/31/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB14	5/31/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB14	5/31/2007	Naphthalene	110	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB14	5/31/2007	Phenanthrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB14	5/31/2007	Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB14	5/31/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB14	5/31/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB14	5/31/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB14	5/31/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB14	5/31/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB14	5/31/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB14	5/31/2007	Unadjusted C11 - C22 Aromatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB14	5/31/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB14	5/31/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB16	6/5/2007	1,1,1-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB16	6/5/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB16	6/5/2007	1,1,2-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB16	6/5/2007	1,1-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB16	6/5/2007	1,1-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB16	6/5/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB16	6/5/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB16	6/5/2007	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB16	6/5/2007	1,2-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB16	6/5/2007	1,2-Dichloropropane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB16	6/5/2007	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB16	6/5/2007	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB16	6/5/2007	2-Hexanone	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB16	6/5/2007	2-Methylnaphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB16	6/5/2007	Acenaphthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB16	6/5/2007	Acenaphthylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB16	6/5/2007	Acetone	16	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB16	6/5/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	6.6	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB16	6/5/2007	Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB16	6/5/2007	Benzene	2	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB16	6/5/2007	Benzo(A)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB16	6/5/2007	Benzo(B)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB16	6/5/2007	Benzo(G,H,I)Perylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB16	6/5/2007	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB16	6/5/2007	Benzo[A]Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB16	6/5/2007	Bromochloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB16	6/5/2007	Bromodichloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB16	6/5/2007	Bromoform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB16	6/5/2007	C11 to C22 Aromatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB16	6/5/2007	C19 to C36 Aliphatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB16	6/5/2007	Carbon Disulfide	3	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB16	6/5/2007	Carbon Tetrachloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB16	6/5/2007	Chlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB16	6/5/2007	Chlorodibromomethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB16	6/5/2007	Chloroform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB16	6/5/2007	Chrysene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB16	6/5/2007	cis-1,2 Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB16	6/5/2007	cis-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB16	6/5/2007	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB16	6/5/2007	Ethyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB16	6/5/2007	Ethylbenzene	1	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB16	6/5/2007	Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB16	6/5/2007	Fluorene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB16	6/5/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB16	6/5/2007	Methyl Bromide	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB16	6/5/2007	Methyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB16	6/5/2007	Methyl Ethyl Ketone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB16	6/5/2007	Methyl Isobutyl Ketone	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB16	6/5/2007	Methylene Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB16	6/5/2007	Naphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB16	6/5/2007	Phenanthrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB16	6/5/2007	Pyrene	220	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB16	6/5/2007	Styrene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB16	6/5/2007	Tetrachloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB16	6/5/2007	Toluene	1	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB16	6/5/2007	trans-1,2-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB16	6/5/2007	trans-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB16	6/5/2007	Trichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB16	6/5/2007	Unadjusted C11 - C22 Aromatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB16	6/5/2007	Vinyl Chloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB16	6/5/2007	Xylenes	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB17	6/5/2007	1,1,1-Trichloroethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB17	6/5/2007	1,1,2,2-Tetrachloroethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB17	6/5/2007	1,1,2-Trichloroethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB17	6/5/2007	1,1-Dichloroethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB17	6/5/2007	1,1-Dichloroethene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB17	6/5/2007	1,2-Dibromo-3-Chloropropane	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB17	6/5/2007	1,2-Dibromoethane (EDB)	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB17	6/5/2007	1,2-Dichlorobenzene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB17	6/5/2007	1,2-Dichloroethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB17	6/5/2007	1,2-Dichloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB17	6/5/2007	1,3-Dichlorobenzene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB17	6/5/2007	1,4-Dichlorobenzene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB17	6/5/2007	2-Hexanone	5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB17	6/5/2007	2-Methylnaphthalene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB17	6/5/2007	Acenaphthene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB17	6/5/2007	Acenaphthylene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB17	6/5/2007	Acetone	12	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB17	6/5/2007	Anthracene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB17	6/5/2007	Benzene	0.9	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB17	6/5/2007	Benzo(A)Anthracene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB17	6/5/2007	Benzo(B)Fluoranthene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB17	6/5/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	12	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB17	6/5/2007	Benzo(G,H,I)Perylene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB17	6/5/2007	Benzo(K)Fluoranthene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB17	6/5/2007	Benzo[A]Pyrene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB17	6/5/2007	Bromochloromethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB17	6/5/2007	Bromodichloromethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB17	6/5/2007	Bromoform	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB17	6/5/2007	C11 to C22 Aromatics	45	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB17	6/5/2007	C19 to C36 Aliphatics	87	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB17	6/5/2007	Carbon Disulfide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB17	6/5/2007	Carbon Tetrachloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB17	6/5/2007	Chlorobenzene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB17	6/5/2007	Chlorodibromomethane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB17	6/5/2007	Chloroform	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB17	6/5/2007	Chrysene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB17	6/5/2007	cis-1,2 Dichloroethene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB17	6/5/2007	cis-1,3-Dichloropropene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB17	6/5/2007	Dibenz(A,H)Anthracene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB17	6/5/2007	Ethyl Chloride	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB17	6/5/2007	Ethylbenzene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB17	6/5/2007	Fluoranthene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB17	6/5/2007	Fluorene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB17	6/5/2007	Indeno (1,2,3-CD) Pyrene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB17	6/5/2007	Methyl Bromide	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB17	6/5/2007	Methyl Chloride	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB17	6/5/2007	Methyl Ethyl Ketone	7	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB17	6/5/2007	Methyl Isobutyl Ketone	5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB17	6/5/2007	Methylene Chloride	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB17	6/5/2007	Naphthalene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB17	6/5/2007	Phenanthrene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB17	6/5/2007	Pyrene	160	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB17	6/5/2007	Styrene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB17	6/5/2007	Tetrachloroethene	3	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB17	6/5/2007	Toluene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB17	6/5/2007	trans-1,2-Dichloroethene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB17	6/5/2007	trans-1,3-Dichloropropene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB17	6/5/2007	Trichloroethene	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB17	6/5/2007	Unadjusted C11 - C22 Aromatics	45	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB17	6/5/2007	Vinyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB17	6/5/2007	Xylenes	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB18	5/31/2007	1,1,1-Trichloroethane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB18	5/31/2007	1,1,2,2-Tetrachloroethane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB18	5/31/2007	1,1,2-Trichloroethane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB18	5/31/2007	1,1-Dichloroethane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB18	5/31/2007	1,1-Dichloroethene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB18	5/31/2007	1,2-Dibromo-3-Chloropropane	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB18	5/31/2007	1,2-Dibromoethane (EDB)	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB18	5/31/2007	1,2-Dichlorobenzene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB18	5/31/2007	1,2-Dichloroethane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB18	5/31/2007	1,2-Dichloropropane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB18	5/31/2007	1,3-Dichlorobenzene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB18	5/31/2007	1,4-Dichlorobenzene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB18	5/31/2007	2-Hexanone	6	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB18	5/31/2007	2-Methylnaphthalene	7600	UG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB18	5/31/2007	Acenaphthene	7900	UG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB18	5/31/2007	Acenaphthylene	870	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB18	5/31/2007	Acetone	33	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB18	5/31/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	10	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB18	5/31/2007	Anthracene	5500	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB18	5/31/2007	Benzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB18	5/31/2007	Benzo(G,H,I)Perylene	1400	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB18	5/31/2007	Benzo(K)Fluoranthene	1400	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB18	5/31/2007	Benzo(A)Anthracene	6000	UG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB18	5/31/2007	Benzo(B)Fluoranthene	4400	UG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB18	5/31/2007	Benzo[A]Pyrene	3100	UG/KG	J	J	Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB18	5/31/2007	C11 to C22 Aromatics	140	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB18	5/31/2007	Unadjusted C11 - C22 Aromatics	280	MG/KG			Y	Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB18	5/31/2007	Bromochloromethane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB18	5/31/2007	Bromodichloromethane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB18	5/31/2007	Bromoform	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB18	5/31/2007	C19 to C36 Aliphatics	75	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB18	5/31/2007	Carbon Disulfide	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB18	5/31/2007	Carbon Tetrachloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB18	5/31/2007	Chlorobenzene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB18	5/31/2007	Chlorodibromomethane	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB18	5/31/2007	Chloroform	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB18	5/31/2007	Chrysene	5200	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB18	5/31/2007	cis-1,2 Dichloroethene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB18	5/31/2007	cis-1,3-Dichloropropene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB18	5/31/2007	Dibenz(A,H)Anthracene	870	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB18	5/31/2007	Ethyl Chloride	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB18	5/31/2007	Ethylbenzene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB18	5/31/2007	Fluoranthene	23000	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB18	5/31/2007	Fluorene	8700	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB18	5/31/2007	Indeno (1,2,3-CD) Pyrene	1600	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB18	5/31/2007	Methyl Bromide	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB18	5/31/2007	Methyl Chloride	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB18	5/31/2007	Methyl Ethyl Ketone	8	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB18	5/31/2007	Methyl Isobutyl Ketone	6	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB18	5/31/2007	Methylene Chloride	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB18	5/31/2007	Naphthalene	10000	UG/KG		J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB18	5/31/2007	Phenanthrene	35000	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB18	5/31/2007	Pyrene	15000	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB18	5/31/2007	Styrene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB18	5/31/2007	Tetrachloroethene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB18	5/31/2007	Toluene	3	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB18	5/31/2007	trans-1,2-Dichloroethene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB18	5/31/2007	trans-1,3-Dichloropropene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB18	5/31/2007	Trichloroethene	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB18	5/31/2007	Vinyl Chloride	2	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB18	5/31/2007	Xylenes	9	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB19	6/5/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB19	6/5/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB19	6/5/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB19	6/5/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB19	6/5/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB19	6/5/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB19	6/5/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB19	6/5/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB19	6/5/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB19	6/5/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB19	6/5/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB19	6/5/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB19	6/5/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB19	6/5/2007	2-Methylnaphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB19	6/5/2007	Acenaphthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB19	6/5/2007	Acenaphthylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB19	6/5/2007	Acetone	22	UG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB19	6/5/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.3	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB19	6/5/2007	Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB19	6/5/2007	Benzene	0.5	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB19	6/5/2007	Benzo(A)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB19	6/5/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB19	6/5/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB19	6/5/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB19	6/5/2007	Benzo[A]Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB19	6/5/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB19	6/5/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB19	6/5/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB19	6/5/2007	C11 to C22 Aromatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB19	6/5/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB19	6/5/2007	Carbon Disulfide	1	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB19	6/5/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB19	6/5/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB19	6/5/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB19	6/5/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB19	6/5/2007	Chrysene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB19	6/5/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB19	6/5/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB19	6/5/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB19	6/5/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB19	6/5/2007	Ethylbenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB19	6/5/2007	Fluoranthene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB19	6/5/2007	Fluorene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB19	6/5/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB19	6/5/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB19	6/5/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB19	6/5/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB19	6/5/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB19	6/5/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB19	6/5/2007	Naphthalene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB19	6/5/2007	Phenanthrene	120	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB19	6/5/2007	Pyrene	360	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB19	6/5/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB19	6/5/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB19	6/5/2007	Toluene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB19	6/5/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB19	6/5/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB19	6/5/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB19	6/5/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB19	6/5/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB19	6/5/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB20	6/5/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB20	6/5/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB20	6/5/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB20	6/5/2007	1,1-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB20	6/5/2007	1,1-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB20	6/5/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB20	6/5/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB20	6/5/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB20	6/5/2007	1,2-Dichloroethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB20	6/5/2007	1,2-Dichloropropane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB20	6/5/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB20	6/5/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB20	6/5/2007	2-Hexanone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB20	6/5/2007	2-Methylnaphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB20	6/5/2007	Acenaphthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB20	6/5/2007	Acenaphthylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB20	6/5/2007	Acetone	7	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB20	6/5/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	6.6	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB20	6/5/2007	Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB20	6/5/2007	Benzene	1	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB20	6/5/2007	Benzo(A)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB20	6/5/2007	Benzo(B)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB20	6/5/2007	Benzo(G,H,I)Perylene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB20	6/5/2007	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB20	6/5/2007	Benzo[A]Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB20	6/5/2007	Bromochloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB20	6/5/2007	Bromodichloromethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB20	6/5/2007	Bromoform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB20	6/5/2007	C11 to C22 Aromatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB20	6/5/2007	C19 to C36 Aliphatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB20	6/5/2007	Carbon Disulfide	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB20	6/5/2007	Carbon Tetrachloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB20	6/5/2007	Chlorobenzene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB20	6/5/2007	Chlorodibromomethane	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB20	6/5/2007	Chloroform	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB20	6/5/2007	Chrysene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB20	6/5/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB20	6/5/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB20	6/5/2007	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB20	6/5/2007	Ethyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB20	6/5/2007	Ethylbenzene	2	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB20	6/5/2007	Fluoranthene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB20	6/5/2007	Fluorene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB20	6/5/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB20	6/5/2007	Methyl Bromide	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB20	6/5/2007	Methyl Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB20	6/5/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB20	6/5/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB20	6/5/2007	Methylene Chloride	2	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB20	6/5/2007	Naphthalene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB20	6/5/2007	Phenanthrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB20	6/5/2007	Pyrene	110	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB20	6/5/2007	Styrene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB20	6/5/2007	Tetrachloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB20	6/5/2007	Toluene	2	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB20	6/5/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB20	6/5/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB20	6/5/2007	Trichloroethene	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB20	6/5/2007	Unadjusted C11 - C22 Aromatics	13	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB20	6/5/2007	Vinyl Chloride	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB20	6/5/2007	Xylenes	1	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB21	6/6/2007	1,1,1-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB21	6/6/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB21	6/6/2007	1,1,2-Trichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB21	6/6/2007	1,1-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB21	6/6/2007	1,1-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB21	6/6/2007	1,2-Dibromo-3-Chloropropane	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB21	6/6/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB21	6/6/2007	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB21	6/6/2007	1,2-Dichloroethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB21	6/6/2007	1,2-Dichloropropane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB21	6/6/2007	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB21	6/6/2007	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB21	6/6/2007	2-Hexanone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB21	6/6/2007	2-Methylnaphthalene	140	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB21	6/6/2007	Acenaphthene	140	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB21	6/6/2007	Acenaphthylene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB21	6/6/2007	Acetone	11	UG/KG	J	J		Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB21	6/6/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	8.1	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB21	6/6/2007	Anthracene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB21	6/6/2007	Benzene	0.7	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB21	6/6/2007	Benzo(A)Anthracene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB21	6/6/2007	Benzo(B)Fluoranthene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB21	6/6/2007	Benzo(G,H,I)Perylene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB21	6/6/2007	Benzo(K)Fluoranthene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB21	6/6/2007	Benzo[A]Pyrene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB21	6/6/2007	Bromochloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB21	6/6/2007	Bromodichloromethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB21	6/6/2007	Bromoform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB21	6/6/2007	C11 to C22 Aromatics	16	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB21	6/6/2007	C19 to C36 Aliphatics	49	MG/KG				Y	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB21	6/6/2007	Carbon Disulfide	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB21	6/6/2007	Carbon Tetrachloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB21	6/6/2007	Chlorobenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB21	6/6/2007	Chlorodibromomethane	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB21	6/6/2007	Chloroform	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB21	6/6/2007	Chrysene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB21	6/6/2007	cis-1,2 Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB21	6/6/2007	cis-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB21	6/6/2007	Dibenz(A,H)Anthracene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB21	6/6/2007	Ethyl Chloride	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB21	6/6/2007	Ethylbenzene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB21	6/6/2007	Fluoranthene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB21	6/6/2007	Fluorene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB21	6/6/2007	Indeno (1,2,3-CD) Pyrene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB21	6/6/2007	Methyl Bromide	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB21	6/6/2007	Methyl Chloride	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB21	6/6/2007	Methyl Ethyl Ketone	5	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB21	6/6/2007	Methyl Isobutyl Ketone	4	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB21	6/6/2007	Methylene Chloride	3	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB21	6/6/2007	Naphthalene	140	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB21	6/6/2007	Phenanthrene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB21	6/6/2007	Pyrene	140	UG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB21	6/6/2007	Styrene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB21	6/6/2007	Tetrachloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB21	6/6/2007	Toluene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB21	6/6/2007	trans-1,2-Dichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB21	6/6/2007	trans-1,3-Dichloropropene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB21	6/6/2007	Trichloroethene	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB21	6/6/2007	Unadjusted C11 - C22 Aromatics	16	MG/KG	U			N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB21	6/6/2007	Vinyl Chloride	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB21	6/6/2007	Xylenes	1	UG/KG	U	UJ		N	0-1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-01	4/10/2000	1,1,1-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU01-01	4/10/2000	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU01-01	4/10/2000	1,1-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-01	4/10/2000	1,1-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU01-01	4/10/2000	Acetone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-01	4/10/2000	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU01-01	4/10/2000	Carbon Disulfide	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU01-01	4/10/2000	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU01-01	4/10/2000	Chlorobenzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU01-01	4/10/2000	Chloroform	18	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU01-01	4/10/2000	cis-1,2 Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU01-01	4/10/2000	Ethylbenzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU01-01	4/10/2000	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU01-01	4/10/2000	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU01-01	4/10/2000	Tetrachloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU01-01	4/10/2000	Tetrahydrofuran	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.90E+07
SWMU01-01	4/10/2000	Toluene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU01-01	4/10/2000	trans-1,2-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU01-01	4/10/2000	Trichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU01-01	4/10/2000	Trichlorofluoromethane	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU01-01	4/10/2000	Xylenes	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-02	4/10/2000	1,1,1-Trichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU01-02	4/10/2000	1,1,2,2-Tetrachloroethane	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU01-02	4/10/2000	1,1-Dichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-02	4/10/2000	1,1-Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU01-02	4/10/2000	Acetone	73	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-02	4/10/2000	Benzene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU01-02	4/10/2000	Carbon Disulfide	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU01-02	4/10/2000	Carbon Tetrachloride	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU01-02	4/10/2000	Chlorobenzene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU01-02	4/10/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU01-02	4/10/2000	cis-1,2 Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU01-02	4/10/2000	Ethylbenzene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU01-02	4/10/2000	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU01-02	4/10/2000	Methylene Chloride	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU01-02	4/10/2000	Tetrachloroethene	9.9	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU01-02	4/10/2000	Tetrahydrofuran	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.90E+07
SWMU01-02	4/10/2000	Toluene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU01-02	4/10/2000	trans-1,2-Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU01-02	4/10/2000	Trichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU01-02	4/10/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU01-02	4/10/2000	Xylenes	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-03	4/10/2000	1,1,1-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU01-03	4/10/2000	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU01-03	4/10/2000	1,1-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-03	4/10/2000	1,1-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU01-03	4/10/2000	Acetone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-03	4/10/2000	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU01-03	4/10/2000	Carbon Disulfide	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU01-03	4/10/2000	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU01-03	4/10/2000	Chlorobenzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU01-03	4/10/2000	Chloroform	17	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU01-03	4/10/2000	cis-1,2 Dichloroethene	32	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU01-03	4/10/2000	Ethylbenzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU01-03	4/10/2000	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU01-03	4/10/2000	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU01-03	4/10/2000	Tetrachloroethene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU01-03	4/10/2000	Tetrahydrofuran	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.90E+07
SWMU01-03	4/10/2000	Toluene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU01-03	4/10/2000	trans-1,2-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU01-03	4/10/2000	Trichloroethene	33	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU01-03	4/10/2000	Trichlorofluoromethane	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU01-03	4/10/2000	Xylenes	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-04	4/10/2000	1,1,1-Trichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU01-04	4/10/2000	1,1,2,2-Tetrachloroethane	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU01-04	4/10/2000	1,1-Dichloroethane	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-04	4/10/2000	1,1-Dichloroethene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU01-04	4/10/2000	Acetone	57	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-04	4/10/2000	Benzene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU01-04	4/10/2000	Carbon Disulfide	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU01-04	4/10/2000	Carbon Tetrachloride	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU01-04	4/10/2000	Chlorobenzene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU01-04	4/10/2000	Chloroform	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU01-04	4/10/2000	cis-1,2 Dichloroethene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU01-04	4/10/2000	Ethylbenzene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU01-04	4/10/2000	Methyl Isobutyl Ketone	22	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU01-04	4/10/2000	Methylene Chloride	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU01-04	4/10/2000	Tetrachloroethene	45	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU01-04	4/10/2000	Tetrahydrofuran	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.90E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU01-04	4/10/2000	Toluene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU01-04	4/10/2000	trans-1,2-Dichloroethene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU01-04	4/10/2000	Trichloroethene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU01-04	4/10/2000	Trichlorofluoromethane	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU01-04	4/10/2000	Xylenes	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-05	4/19/2000	1,1,1-Trichloroethane	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU01-05	4/19/2000	1,1,2,2-Tetrachloroethane	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU01-05	4/19/2000	1,1-Dichloroethane	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-05	4/19/2000	1,1-Dichloroethene	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU01-05	4/19/2000	1,4-Dioxane	1000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-05	4/19/2000	2-Methylphenol (O-Cresol)	510	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU01-05	4/19/2000	4-Methylphenol (P-Cresol)	510	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU01-05	4/19/2000	Acetone	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-05	4/19/2000	Barium	193	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU01-05	4/19/2000	Benzene	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU01-05	4/19/2000	Arsenic	84	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU01-05	4/19/2000	Chloroform	1700	UG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU01-05	4/19/2000	Benzoic Acid	2500	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU01-05	4/19/2000	Biphenyl	510	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU01-05	4/19/2000	Cadmium	3.1	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU01-05	4/19/2000	Carbon Disulfide	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU01-05	4/19/2000	Carbon Tetrachloride	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU01-05	4/19/2000	Chlorobenzene	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU01-05	4/19/2000	Chromium	18.6	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU01-05	4/19/2000	cis-1,2 Dichloroethene	240	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU01-05	4/19/2000	Ethylbenzene	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU01-05	4/19/2000	Ethylene Glycol	37000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-05	4/19/2000	Lead	53.4	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU01-05	4/19/2000	Methyl Isobutyl Ketone	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU01-05	4/19/2000	Methylene Chloride	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU01-05	4/19/2000	Nickel	18.5	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU01-05	4/19/2000	Phenol	510	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU01-05	4/19/2000	Tetrachloroethene	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU01-05	4/19/2000	Tetrahydrofuran	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.90E+07
SWMU01-05	4/19/2000	Toluene	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU01-05	4/19/2000	trans-1,2-Dichloroethene	240	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU01-05	4/19/2000	Trichloroethene	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU01-05	4/19/2000	Trichlorofluoromethane	970	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU01-05	4/19/2000	Triethylene Glycol	37000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU01-05	4/19/2000	Vanadium	52.6	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU01-05	4/19/2000	Xylenes	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-05	4/19/2000	Zinc	15.5	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU01-06	4/19/2000	1,1,1-Trichloroethane	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU01-06	4/19/2000	1,1,2,2-Tetrachloroethane	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU01-06	4/19/2000	1,1-Dichloroethane	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-06	4/19/2000	1,1-Dichloroethene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU01-06	4/19/2000	1,4-Dioxane	830	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-06	4/19/2000	2-Methylphenol (O-Cresol)	410	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU01-06	4/19/2000	4-Methylphenol (P-Cresol)	410	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU01-06	4/19/2000	Acetone	1300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-06	4/19/2000	Barium	409	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU01-06	4/19/2000	Benzene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU01-06	4/19/2000	Arsenic	16.1	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU01-06	4/19/2000	Lead	1800	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU01-06	4/19/2000	Benzoic Acid	2000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU01-06	4/19/2000	Biphenyl	410	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU01-06	4/19/2000	Cadmium	2.5	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU01-06	4/19/2000	Carbon Disulfide	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU01-06	4/19/2000	Carbon Tetrachloride	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU01-06	4/19/2000	Chlorobenzene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU01-06	4/19/2000	Chloroform	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU01-06	4/19/2000	Chromium	33.6	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU01-06	4/19/2000	cis-1,2 Dichloroethene	160	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU01-06	4/19/2000	Ethylbenzene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU01-06	4/19/2000	Ethylene Glycol	30000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-06	4/19/2000	Methyl Isobutyl Ketone	1300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU01-06	4/19/2000	Methylene Chloride	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU01-06	4/19/2000	Nickel	9.1	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU01-06	4/19/2000	Phenol	410	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU01-06	4/19/2000	Tetrachloroethene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU01-06	4/19/2000	Tetrahydrofuran	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.90E+07
SWMU01-06	4/19/2000	Toluene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU01-06	4/19/2000	trans-1,2-Dichloroethene	160	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU01-06	4/19/2000	Trichloroethene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU01-06	4/19/2000	Trichlorofluoromethane	630	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU01-06	4/19/2000	Triethylene Glycol	30000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU01-06	4/19/2000	Vanadium	30.5	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU01-06	4/19/2000	Xylenes	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-06	4/19/2000	Zinc	17.1	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU01-07	4/19/2000	1,1,1-Trichloroethane	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU01-07	4/19/2000	1,1,2,2-Tetrachloroethane	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU01-07	4/19/2000	1,1-Dichloroethane	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-07	4/19/2000	1,1-Dichloroethene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU01-07	4/19/2000	1,4-Dioxane	780	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-07	4/19/2000	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU01-07	4/19/2000	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU01-07	4/19/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-07	4/19/2000	Barium	17.8	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU01-07	4/19/2000	Benzene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU01-07	4/19/2000	Arsenic	2.5	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU01-07	4/19/2000	Benzoic Acid	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU01-07	4/19/2000	Biphenyl	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU01-07	4/19/2000	Cadmium	2.4	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU01-07	4/19/2000	Carbon Disulfide	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU01-07	4/19/2000	Carbon Tetrachloride	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU01-07	4/19/2000	Chlorobenzene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU01-07	4/19/2000	Chloroform	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU01-07	4/19/2000	Chromium	9.6	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU01-07	4/19/2000	cis-1,2 Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU01-07	4/19/2000	Ethylbenzene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU01-07	4/19/2000	Ethylene Glycol	28000	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-07	4/19/2000	Ethylene Glycol	28000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-07	4/19/2000	Lead	10.6	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU01-07	4/19/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU01-07	4/19/2000	Methylene Chloride	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU01-07	4/19/2000	Nickel	5.9	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU01-07	4/19/2000	Phenol	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU01-07	4/19/2000	Tetrachloroethene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU01-07	4/19/2000	Tetrahydrofuran	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.90E+07
SWMU01-07	4/19/2000	Toluene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU01-07	4/19/2000	trans-1,2-Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU01-07	4/19/2000	Trichloroethene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU01-07	4/19/2000	Trichlorofluoromethane	590	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU01-07	4/19/2000	Triethylene Glycol	28000	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU01-07	4/19/2000	Triethylene Glycol	28000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU01-07	4/19/2000	Vanadium	14.2	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU01-07	4/19/2000	Xylenes	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-07	4/19/2000	Zinc	11.9	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU01-08	4/19/2000	1,1,1-Trichloroethane	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU01-08	4/19/2000	1,1,2,2-Tetrachloroethane	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU01-08	4/19/2000	1,1-Dichloroethane	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-08	4/19/2000	1,1-Dichloroethene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU01-08	4/19/2000	1,4-Dioxane	770	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU01-08	4/19/2000	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU01-08	4/19/2000	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU01-08	4/19/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-08	4/19/2000	Barium	42.8	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU01-08	4/19/2000	Benzene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU01-08	4/19/2000	Arsenic	2.5	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU01-08	4/19/2000	Benzoic Acid	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU01-08	4/19/2000	Biphenyl	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU01-08	4/19/2000	Cadmium	2.3	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU01-08	4/19/2000	Carbon Disulfide	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU01-08	4/19/2000	Carbon Tetrachloride	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU01-08	4/19/2000	Chlorobenzene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU01-08	4/19/2000	Chloroform	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU01-08	4/19/2000	Chromium	14.3	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU01-08	4/19/2000	cis-1,2 Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU01-08	4/19/2000	Ethylbenzene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU01-08	4/19/2000	Ethylene Glycol	28000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU01-08	4/19/2000	Lead	54.9	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU01-08	4/19/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU01-08	4/19/2000	Methylene Chloride	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU01-08	4/19/2000	Nickel	5.8	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU01-08	4/19/2000	Phenol	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU01-08	4/19/2000	Tetrachloroethene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU01-08	4/19/2000	Tetrahydrofuran	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.90E+07
SWMU01-08	4/19/2000	Toluene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU01-08	4/19/2000	trans-1,2-Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU01-08	4/19/2000	Trichloroethene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU01-08	4/19/2000	Trichlorofluoromethane	580	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU01-08	4/19/2000	Triethylene Glycol	28000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU01-08	4/19/2000	Vanadium	13.2	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU01-08	4/19/2000	Xylenes	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU01-08	4/19/2000	Zinc	19.7	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU03-01	4/11/2000	1,1,1-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU03-01	4/11/2000	1,1,2,2-Tetrachloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-01	4/11/2000	1,1-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-01	4/11/2000	1,1-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-01	4/11/2000	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU03-01	4/11/2000	Acetone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-01	4/11/2000	Benzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-01	4/11/2000	Carbon Disulfide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-01	4/11/2000	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU03-01	4/11/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-01	4/11/2000	cis-1,2 Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-01	4/11/2000	Ethylbenzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-01	4/11/2000	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-01	4/11/2000	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-01	4/11/2000	Methylene Bromide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-01	4/11/2000	Methylene Chloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-01	4/11/2000	Tetrachloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-01	4/11/2000	Toluene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-01	4/11/2000	trans-1,2-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-01	4/11/2000	Trichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-01	4/11/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-01	4/11/2000	Xylenes	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU03-02	4/11/2000	1,1,1-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU03-02	4/11/2000	1,1,2,2-Tetrachloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-02	4/11/2000	1,1-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-02	4/11/2000	1,1-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-02	4/11/2000	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU03-02	4/11/2000	Acetone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-02	4/11/2000	Benzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-02	4/11/2000	Carbon Disulfide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-02	4/11/2000	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU03-02	4/11/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-02	4/11/2000	cis-1,2 Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-02	4/11/2000	Ethylbenzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-02	4/11/2000	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-02	4/11/2000	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-02	4/11/2000	Methylene Bromide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-02	4/11/2000	Methylene Chloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-02	4/11/2000	Tetrachloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-02	4/11/2000	Toluene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-02	4/11/2000	trans-1,2-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-02	4/11/2000	Trichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-02	4/11/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-02	4/11/2000	Xylenes	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU03-03	4/11/2000	1,1,1-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU03-03	4/11/2000	1,1,2,2-Tetrachloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-03	4/11/2000	1,1-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-03	4/11/2000	1,1-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-03	4/11/2000	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU03-03	4/11/2000	Acetone	48	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-03	4/11/2000	Benzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-03	4/11/2000	Carbon Disulfide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-03	4/11/2000	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU03-03	4/11/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-03	4/11/2000	cis-1,2 Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-03	4/11/2000	Ethylbenzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-03	4/11/2000	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-03	4/11/2000	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-03	4/11/2000	Methylene Bromide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-03	4/11/2000	Methylene Chloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-03	4/11/2000	Tetrachloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-03	4/11/2000	Toluene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-03	4/11/2000	trans-1,2-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-03	4/11/2000	Trichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-03	4/11/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-03	4/11/2000	Xylenes	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU03-04	4/11/2000	1,1,1-Trichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU03-04	4/11/2000	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-04	4/11/2000	1,1-Dichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-04	4/11/2000	1,1-Dichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-04	4/11/2000	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU03-04	4/11/2000	Acetone	62	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-04	4/11/2000	Benzene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-04	4/11/2000	Carbon Disulfide	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-04	4/11/2000	Carbon Tetrachloride	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU03-04	4/11/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-04	4/11/2000	cis-1,2 Dichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-04	4/11/2000	Ethylbenzene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-04	4/11/2000	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-04	4/11/2000	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-04	4/11/2000	Methylene Bromide	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-04	4/11/2000	Methylene Chloride	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-04	4/11/2000	Tetrachloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-04	4/11/2000	Toluene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-04	4/11/2000	trans-1,2-Dichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-04	4/11/2000	Trichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-04	4/11/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-04	4/11/2000	Xylenes	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU03-05	4/11/2000	1,1,1-Trichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU03-05	4/11/2000	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-05	4/11/2000	1,1-Dichloroethane	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-05	4/11/2000	1,1-Dichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-05	4/11/2000	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU03-05	4/11/2000	Acetone	37	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-05	4/11/2000	Benzene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-05	4/11/2000	Carbon Disulfide	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-05	4/11/2000	Carbon Tetrachloride	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU03-05	4/11/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-05	4/11/2000	cis-1,2 Dichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-05	4/11/2000	Ethylbenzene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-05	4/11/2000	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-05	4/11/2000	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-05	4/11/2000	Methylene Bromide	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-05	4/11/2000	Methylene Chloride	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-05	4/11/2000	Tetrachloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-05	4/11/2000	Toluene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-05	4/11/2000	trans-1,2-Dichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-05	4/11/2000	Trichloroethene	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-05	4/11/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-05	4/11/2000	Xylenes	6.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU03-06	4/11/2000	1,1,1-Trichloroethane	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU03-06	4/11/2000	1,1,2,2-Tetrachloroethane	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-06	4/11/2000	1,1-Dichloroethane	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-06	4/11/2000	1,1-Dichloroethene	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-06	4/11/2000	2-Hexanone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU03-06	4/11/2000	Acetone	160	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-06	4/11/2000	Benzene	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-06	4/11/2000	Carbon Disulfide	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-06	4/11/2000	Carbon Tetrachloride	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU03-06	4/11/2000	Chloroform	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-06	4/11/2000	cis-1,2 Dichloroethene	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-06	4/11/2000	Ethylbenzene	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-06	4/11/2000	Methyl Ethyl Ketone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-06	4/11/2000	Methyl Isobutyl Ketone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-06	4/11/2000	Methylene Bromide	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-06	4/11/2000	Methylene Chloride	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-06	4/11/2000	Tetrachloroethene	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-06	4/11/2000	Toluene	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-06	4/11/2000	trans-1,2-Dichloroethene	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-06	4/11/2000	Trichloroethene	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-06	4/11/2000	Trichlorofluoromethane	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-06	4/11/2000	Xylenes	6.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU03-07	4/11/2000	1,1,1-Trichloroethane	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU03-07	4/11/2000	1,1,2,2-Tetrachloroethane	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-07	4/11/2000	1,1-Dichloroethane	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-07	4/11/2000	1,1-Dichloroethene	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-07	4/11/2000	2-Hexanone	31	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU03-07	4/11/2000	Acetone	160	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-07	4/11/2000	Benzene	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-07	4/11/2000	Carbon Disulfide	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-07	4/11/2000	Carbon Tetrachloride	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU03-07	4/11/2000	Chloroform	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-07	4/11/2000	cis-1,2 Dichloroethene	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-07	4/11/2000	Ethylbenzene	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-07	4/11/2000	Methyl Ethyl Ketone	31	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-07	4/11/2000	Methyl Isobutyl Ketone	31	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-07	4/11/2000	Methylene Bromide	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-07	4/11/2000	Methylene Chloride	9.1	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-07	4/11/2000	Tetrachloroethene	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-07	4/11/2000	Toluene	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-07	4/11/2000	trans-1,2-Dichloroethene	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-07	4/11/2000	Trichloroethene	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-07	4/11/2000	Trichlorofluoromethane	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-07	4/11/2000	Xylenes	7.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU03-08	4/11/2000	1,1,1-Trichloroethane	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU03-08	4/11/2000	1,1,1-Trichloroethane	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU03-08	4/11/2000	1,1,2,2-Tetrachloroethane	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-08	4/11/2000	1,1,2,2-Tetrachloroethane	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU03-08	4/11/2000	1,1-Dichloroethane	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-08	4/11/2000	1,1-Dichloroethane	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU03-08	4/11/2000	1,1-Dichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-08	4/11/2000	1,1-Dichloroethene	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU03-08	4/11/2000	2-Hexanone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU03-08	4/11/2000	2-Hexanone	26	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU03-08	4/11/2000	Acetone	44	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-08	4/11/2000	Acetone	42	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU03-08	4/11/2000	Benzene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-08	4/11/2000	Benzene	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU03-08	4/11/2000	Carbon Disulfide	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-08	4/11/2000	Carbon Disulfide	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU03-08	4/11/2000	Carbon Tetrachloride	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU03-08	4/11/2000	Carbon Tetrachloride	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU03-08	4/11/2000	Chloroform	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-08	4/11/2000	Chloroform	13	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU03-08	4/11/2000	cis-1,2 Dichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-08	4/11/2000	cis-1,2 Dichloroethene	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU03-08	4/11/2000	Ethylbenzene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-08	4/11/2000	Ethylbenzene	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU03-08	4/11/2000	Methyl Ethyl Ketone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-08	4/11/2000	Methyl Ethyl Ketone	26	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU03-08	4/11/2000	Methyl Isobutyl Ketone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-08	4/11/2000	Methyl Isobutyl Ketone	26	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU03-08	4/11/2000	Methylene Bromide	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-08	4/11/2000	Methylene Bromide	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU03-08	4/11/2000	Methylene Chloride	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-08	4/11/2000	Methylene Chloride	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU03-08	4/11/2000	Tetrachloroethene	9.4	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-08	4/11/2000	Tetrachloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU03-08	4/11/2000	Toluene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-08	4/11/2000	Toluene	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU03-08	4/11/2000	trans-1,2-Dichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-08	4/11/2000	trans-1,2-Dichloroethene	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU03-08	4/11/2000	Trichloroethene	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-08	4/11/2000	Trichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU03-08	4/11/2000	Trichlorofluoromethane	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-08	4/11/2000	Trichlorofluoromethane	13	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU03-08	4/11/2000	Xylenes	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU03-08	4/11/2000	Xylenes	6.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU05-03	4/11/2000	Acetone	82	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-03	4/11/2000	Benzene	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU05-03	4/11/2000	Carbon Tetrachloride	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU05-03	4/11/2000	Chloroform	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU05-03	4/11/2000	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-03	4/11/2000	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-03	4/11/2000	Methylene Chloride	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU05-03	4/11/2000	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-04	4/11/2000	Acetone	22	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-04	4/11/2000	Benzene	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU05-04	4/11/2000	Carbon Tetrachloride	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU05-04	4/11/2000	Chloroform	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU05-04	4/11/2000	Diethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-04	4/11/2000	Ethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-04	4/11/2000	Methylene Chloride	5.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU05-04	4/11/2000	Triethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-05	4/11/2000	Acetone	97	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-05	4/11/2000	Benzene	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU05-05	4/11/2000	Carbon Tetrachloride	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU05-05	4/11/2000	Chloroform	20	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU05-05	4/11/2000	Diethylene Glycol	33000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-05	4/11/2000	Ethylene Glycol	33000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-05	4/11/2000	Methylene Chloride	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU05-05	4/11/2000	Triethylene Glycol	33000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-06	4/11/2000	Acetone	100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-06	4/11/2000	Benzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU05-06	4/11/2000	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU05-06	4/11/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU05-06	4/11/2000	Diethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-06	4/11/2000	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-06	4/11/2000	Methylene Chloride	6.7	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU05-06	4/11/2000	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-07	4/11/2000	Acetone	77	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-07	4/11/2000	Benzene	8.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU05-07	4/11/2000	Carbon Tetrachloride	8.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU05-07	4/11/2000	Chloroform	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU05-07	4/11/2000	Diethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-07	4/11/2000	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-07	4/11/2000	Methylene Chloride	18	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU05-07	4/11/2000	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-08	4/11/2000	Acetone	22	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-08	4/11/2000	Benzene	5.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU05-08	4/11/2000	Carbon Tetrachloride	5.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU05-08	4/11/2000	Chloroform	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU05-08	4/11/2000	Diethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-08	4/11/2000	Ethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-08	4/11/2000	Methylene Chloride	5.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU05-08	4/11/2000	Triethylene Glycol	27000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-09	4/11/2000	Acetone	31	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-09	4/11/2000	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU05-09	4/11/2000	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU05-09	4/11/2000	Chloroform	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU05-09	4/11/2000	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-09	4/11/2000	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-09	4/11/2000	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU05-09	4/11/2000	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-10	4/11/2000	Acetone	42	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-10	4/11/2000	Benzene	5.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU05-10	4/11/2000	Carbon Tetrachloride	5.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU05-10	4/11/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU05-10	4/11/2000	Diethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU05-10	4/11/2000	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU05-10	4/11/2000	Methylene Chloride	5.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU05-10	4/11/2000	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU07-01	4/19/2000	1,4-Dioxane	890	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-01	4/19/2000	2,4-Dichlorophenol	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-01	4/19/2000	2-Methylphenol (O-Cresol)	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-01	4/19/2000	4-Methylphenol (P-Cresol)	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-01	4/19/2000	Acetone	1300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-01	4/19/2000	Antimony	27	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-01	4/19/2000	Arsenic	2.3	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-01	4/19/2000	Benzene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-01	4/19/2000	Benzoic Acid	2200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU07-01	4/19/2000	Beryllium	0.67	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-01	4/19/2000	Biphenyl	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU07-01	4/19/2000	Cadmium	2.7	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-01	4/19/2000	Carbon Disulfide	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-01	4/19/2000	Chlorobenzene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-01	4/19/2000	Chloroform	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-01	4/19/2000	Chromium	11.9	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU07-01	4/19/2000	Copper	6.9	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU07-01	4/19/2000	Lead	11.1	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-01	4/19/2000	Manganese	44.1	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-01	4/19/2000	Mercury	0.13	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU07-01	4/19/2000	Methyl Chloride	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-01	4/19/2000	Methyl Isobutyl Ketone	1300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-01	4/19/2000	Methylene Chloride	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-01	4/19/2000	Naphthalene	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-01	4/19/2000	Nickel	6.7	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-01	4/19/2000	Pentachlorophenol	2200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-01	4/19/2000	Phenol	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU07-01	4/19/2000	Selenium	0.67	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-01	4/19/2000	Silver	2.7	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-01	4/19/2000	Thallium	13.5	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-01	4/19/2000	Toluene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-01	4/19/2000	trans-1,2-Dichloroethene	170	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-01	4/19/2000	Vinyl Chloride	670	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU07-01	4/19/2000	Zinc	30.4	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU07-02	4/19/2000	1,4-Dioxane	730	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-02	4/19/2000	2,4-Dichlorophenol	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-02	4/19/2000	2-Methylphenol (O-Cresol)	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-02	4/19/2000	4-Methylphenol (P-Cresol)	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-02	4/19/2000	Acetone	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-02	4/19/2000	Antimony	22.2	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-02	4/19/2000	Arsenic	1.8	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-02	4/19/2000	Benzene	280	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-02	4/19/2000	Benzoic Acid	1800	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU07-02	4/19/2000	Beryllium	0.55	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-02	4/19/2000	Biphenyl	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU07-02	4/19/2000	Cadmium	2.2	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-02	4/19/2000	Carbon Disulfide	280	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-02	4/19/2000	Chlorobenzene	280	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-02	4/19/2000	Chloroform	280	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-02	4/19/2000	Chromium	9.1	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU07-02	4/19/2000	Copper	4.4	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU07-02	4/19/2000	Lead	6.4	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-02	4/19/2000	Manganese	15.3	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-02	4/19/2000	Mercury	0.11	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU07-02	4/19/2000	Methyl Chloride	280	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-02	4/19/2000	Methyl Isobutyl Ketone	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-02	4/19/2000	Methylene Chloride	280	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-02	4/19/2000	Naphthalene	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-02	4/19/2000	Nickel	5.5	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-02	4/19/2000	Pentachlorophenol	1800	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-02	4/19/2000	Phenol	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU07-02	4/19/2000	Selenium	0.55	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-02	4/19/2000	Silver	2.2	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-02	4/19/2000	Thallium	11.1	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-02	4/19/2000	Toluene	280	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-02	4/19/2000	trans-1,2-Dichloroethene	140	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-02	4/19/2000	Vinyl Chloride	550	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU07-02	4/19/2000	Zinc	11.1	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU07-03	4/19/2000	1,4-Dioxane	760	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-03	4/19/2000	2,4-Dichlorophenol	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-03	4/19/2000	2-Methylphenol (O-Cresol)	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-03	4/19/2000	4-Methylphenol (P-Cresol)	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-03	4/19/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-03	4/19/2000	Antimony	23.2	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-03	4/19/2000	Benzene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-03	4/19/2000	Arsenic	2.8	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-03	4/19/2000	Benzoic Acid	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU07-03	4/19/2000	Beryllium	0.58	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-03	4/19/2000	Biphenyl	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU07-03	4/19/2000	Cadmium	2.3	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-03	4/19/2000	Carbon Disulfide	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-03	4/19/2000	Chlorobenzene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-03	4/19/2000	Chloroform	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-03	4/19/2000	Chromium	11.4	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU07-03	4/19/2000	Copper	4.7	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU07-03	4/19/2000	Lead	8.3	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-03	4/19/2000	Manganese	26.1	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-03	4/19/2000	Mercury	0.12	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU07-03	4/19/2000	Methyl Chloride	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-03	4/19/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-03	4/19/2000	Methylene Chloride	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-03	4/19/2000	Naphthalene	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-03	4/19/2000	Nickel	5.8	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-03	4/19/2000	Pentachlorophenol	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-03	4/19/2000	Phenol	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU07-03	4/19/2000	Selenium	0.91	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-03	4/19/2000	Silver	2.3	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-03	4/19/2000	Thallium	11.6	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-03	4/19/2000	Toluene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-03	4/19/2000	trans-1,2-Dichloroethene	140	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-03	4/19/2000	Vinyl Chloride	580	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU07-03	4/19/2000	Zinc	11.6	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU07-04	4/19/2000	1,4-Dioxane	790	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-04	4/19/2000	1,4-Dioxane	780	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-04	4/19/2000	2,4-Dichlorophenol	390	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-04	4/19/2000	2,4-Dichlorophenol	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-04	4/19/2000	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-04	4/19/2000	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-04	4/19/2000	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-04	4/19/2000	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-04	4/19/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-04	4/19/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-04	4/19/2000	Antimony	23.9	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-04	4/19/2000	Antimony	23.5	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-04	4/19/2000	Arsenic	2	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-04	4/19/2000	Arsenic	2.3	MG/KG				Y	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-04	4/19/2000	Benzene	290	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-04	4/19/2000	Benzene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-04	4/19/2000	Benzoic Acid	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU07-04	4/19/2000	Benzoic Acid	1900	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU07-04	4/19/2000	Beryllium	0.6	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-04	4/19/2000	Beryllium	0.59	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-04	4/19/2000	Biphenyl	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU07-04	4/19/2000	Biphenyl	390	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU07-04	4/19/2000	Cadmium	2.4	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-04	4/19/2000	Cadmium	2.4	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-04	4/19/2000	Carbon Disulfide	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-04	4/19/2000	Carbon Disulfide	290	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-04	4/19/2000	Chlorobenzene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-04	4/19/2000	Chlorobenzene	290	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-04	4/19/2000	Chloroform	290	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-04	4/19/2000	Chloroform	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-04	4/19/2000	Chromium	11.9	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU07-04	4/19/2000	Chromium	11.2	MG/KG				Y	0-0.5 Feet	DUP	Soil	Site Background	42.7
SWMU07-04	4/19/2000	Copper	19.4	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU07-04	4/19/2000	Copper	4.7	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU07-04	4/19/2000	Lead	8.2	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-04	4/19/2000	Lead	8.5	MG/KG				Y	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-04	4/19/2000	Manganese	24.7	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-04	4/19/2000	Manganese	23.4	MG/KG				Y	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-04	4/19/2000	Mercury	0.12	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU07-04	4/19/2000	Mercury	0.12	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU07-04	4/19/2000	Methyl Chloride	290	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-04	4/19/2000	Methyl Chloride	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-04	4/19/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-04	4/19/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-04	4/19/2000	Methylene Chloride	290	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-04	4/19/2000	Methylene Chloride	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-04	4/19/2000	Naphthalene	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-04	4/19/2000	Naphthalene	390	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-04	4/19/2000	Nickel	6	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-04	4/19/2000	Nickel	5.9	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-04	4/19/2000	Pentachlorophenol	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-04	4/19/2000	Pentachlorophenol	1900	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-04	4/19/2000	Phenol	390	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU07-04	4/19/2000	Phenol	390	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU07-04	4/19/2000	Selenium	0.67	MG/KG				Y	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-04	4/19/2000	Selenium	0.6	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-04	4/19/2000	Silver	2.4	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-04	4/19/2000	Silver	2.4	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-04	4/19/2000	Thallium	11.9	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-04	4/19/2000	Thallium	11.8	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-04	4/19/2000	Toluene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-04	4/19/2000	Toluene	290	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-04	4/19/2000	trans-1,2-Dichloroethene	150	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-04	4/19/2000	trans-1,2-Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-04	4/19/2000	Vinyl Chloride	600	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU07-04	4/19/2000	Vinyl Chloride	590	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU07-04	4/19/2000	Zinc	11.9	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU07-04	4/19/2000	Zinc	11.8	MG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU07-05	4/19/2000	1,4-Dioxane	760	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-05	4/19/2000	2,4-Dichlorophenol	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-05	4/19/2000	2-Methylphenol (O-Cresol)	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-05	4/19/2000	4-Methylphenol (P-Cresol)	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-05	4/19/2000	Acetone	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-05	4/19/2000	Antimony	23	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-05	4/19/2000	Benzene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-05	4/19/2000	Arsenic	2.8	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-05	4/19/2000	Benzoic Acid	2300	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-05	4/19/2000	Beryllium	0.57	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-05	4/19/2000	Biphenyl	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU07-05	4/19/2000	Cadmium	2.3	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-05	4/19/2000	Carbon Disulfide	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-05	4/19/2000	Chlorobenzene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-05	4/19/2000	Chloroform	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-05	4/19/2000	Chromium	10.7	MG/KG				Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU07-05	4/19/2000	Copper	4.9	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU07-05	4/19/2000	Lead	9.5	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-05	4/19/2000	Manganese	25	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-05	4/19/2000	Mercury	0.11	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU07-05	4/19/2000	Methyl Chloride	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-05	4/19/2000	Methyl Isobutyl Ketone	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-05	4/19/2000	Methylene Chloride	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-05	4/19/2000	Naphthalene	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-05	4/19/2000	Nickel	5.7	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-05	4/19/2000	Pentachlorophenol	1800	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-05	4/19/2000	Phenol	380	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU07-05	4/19/2000	Selenium	0.72	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-05	4/19/2000	Silver	2.3	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-05	4/19/2000	Thallium	11.5	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-05	4/19/2000	Toluene	290	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-05	4/19/2000	trans-1,2-Dichloroethene	140	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-05	4/19/2000	Vinyl Chloride	570	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU07-05	4/19/2000	Zinc	13.2	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU07-06	4/19/2000	1,4-Dioxane	920	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-06	4/19/2000	2,4-Dichlorophenol	460	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-06	4/19/2000	2-Methylphenol (O-Cresol)	460	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-06	4/19/2000	4-Methylphenol (P-Cresol)	460	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-06	4/19/2000	Acetone	1400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-06	4/19/2000	Benzene	520	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-06	4/19/2000	Antimony	198	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-06	4/19/2000	Arsenic	4.3	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-06	4/19/2000	Chromium	62.7	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU07-06	4/19/2000	Benzoic Acid	2200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU07-06	4/19/2000	Beryllium	0.7	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-06	4/19/2000	Biphenyl	3400	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU07-06	4/19/2000	Cadmium	2.8	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-06	4/19/2000	Carbon Disulfide	350	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-06	4/19/2000	Chlorobenzene	350	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-06	4/19/2000	Chloroform	350	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-06	4/19/2000	Copper	368	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU07-06	4/19/2000	Lead	74.7	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-06	4/19/2000	Manganese	429	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-06	4/19/2000	Mercury	0.14	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU07-06	4/19/2000	Methyl Chloride	350	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-06	4/19/2000	Methyl Isobutyl Ketone	1400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-06	4/19/2000	Methylene Chloride	350	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-06	4/19/2000	Naphthalene	460	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-06	4/19/2000	Nickel	73.2	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-06	4/19/2000	Pentachlorophenol	2200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-06	4/19/2000	Phenol	460	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU07-06	4/19/2000	Selenium	1.2	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-06	4/19/2000	Silver	2.8	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-06	4/19/2000	Thallium	14	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-06	4/19/2000	Toluene	350	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-06	4/19/2000	trans-1,2-Dichloroethene	170	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-06	4/19/2000	Vinyl Chloride	700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU07-06	4/19/2000	Zinc	321	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU07-07	4/19/2000	1,4-Dioxane	870	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-07	4/19/2000	2,4-Dichlorophenol	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-07	4/19/2000	2-Methylphenol (O-Cresol)	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-07	4/19/2000	4-Methylphenol (P-Cresol)	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-07	4/19/2000	Acetone	1600	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-07	4/19/2000	Benzene	920	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-07	4/19/2000	Antimony	630	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-07	4/19/2000	Arsenic	17.7	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-07	4/19/2000	Chromium	407	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU07-07	4/19/2000	Benzoic Acid	7700	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-07	4/19/2000	Beryllium	0.66	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-07	4/19/2000	Biphenyl	6400	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU07-07	4/19/2000	Cadmium	4.7	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-07	4/19/2000	Carbon Disulfide	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-07	4/19/2000	Chlorobenzene	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-07	4/19/2000	Chloroform	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-07	4/19/2000	Copper	454	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU07-07	4/19/2000	Lead	109	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-07	4/19/2000	Manganese	875	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-07	4/19/2000	Mercury	0.13	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU07-07	4/19/2000	Methyl Chloride	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-07	4/19/2000	Methyl Isobutyl Ketone	1600	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-07	4/19/2000	Methylene Chloride	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-07	4/19/2000	Naphthalene	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-07	4/19/2000	Nickel	253	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-07	4/19/2000	Pentachlorophenol	2100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-07	4/19/2000	Phenol	440	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU07-07	4/19/2000	Selenium	3.1	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-07	4/19/2000	Silver	2.6	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-07	4/19/2000	Thallium	13.2	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-07	4/19/2000	Toluene	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-07	4/19/2000	trans-1,2-Dichloroethene	200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-07	4/19/2000	Vinyl Chloride	800	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU07-07	4/19/2000	Zinc	467	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU07-08	4/19/2000	1,4-Dioxane	9500	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU07-08	4/19/2000	2,4-Dichlorophenol	4700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU07-08	4/19/2000	2-Methylphenol (O-Cresol)	4700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-08	4/19/2000	4-Methylphenol (P-Cresol)	4700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU07-08	4/19/2000	Acetone	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-08	4/19/2000	Benzene	530	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU07-08	4/19/2000	Antimony	398	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU07-08	4/19/2000	Arsenic	7.4	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU07-08	4/19/2000	Chromium	266	MG/KG			Y	Y	0-0.5 Feet	FS	Soil	Site Background	42.7
SWMU07-08	4/19/2000	Benzoic Acid	26000	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU07-08	4/19/2000	Beryllium	0.72	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU07-08	4/19/2000	Biphenyl	19000	UG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU07-08	4/19/2000	Cadmium	4.8	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU07-08	4/19/2000	Carbon Disulfide	470	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU07-08	4/19/2000	Chlorobenzene	470	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU07-08	4/19/2000	Chloroform	470	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU07-08	4/19/2000	Copper	977	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU07-08	4/19/2000	Lead	196	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU07-08	4/19/2000	Manganese	1010	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.60E+03
SWMU07-08	4/19/2000	Mercury	0.14	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU07-08	4/19/2000	Methyl Chloride	470	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU07-08	4/19/2000	Methyl Isobutyl Ketone	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU07-08	4/19/2000	Methylene Chloride	470	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU07-08	4/19/2000	Naphthalene	4700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU07-08	4/19/2000	Nickel	237	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU07-08	4/19/2000	Pentachlorophenol	23000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU07-08	4/19/2000	Phenol	4700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU07-08	4/19/2000	Selenium	1.7	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-08	4/19/2000	Silver	3.3	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU07-08	4/19/2000	Thallium	14.4	MG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU07-08	4/19/2000	Toluene	470	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU07-08	4/19/2000	trans-1,2-Dichloroethene	230	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU07-08	4/19/2000	Vinyl Chloride	930	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU07-08	4/19/2000	Zinc	968	MG/KG				Y	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU12-01	4/18/2000	1,1,2,2-Tetrachloroethane	1300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU12-01	4/18/2000	1,4-Dioxane	1500	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU12-01	4/18/2000	4-Methylphenol (P-Cresol)	760	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU12-01	4/18/2000	Acetone	5100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU12-01	4/18/2000	Acrylonitrile	7700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU12-01	4/18/2000	Biphenyl	760	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU12-01	4/18/2000	Carbon Disulfide	1300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU12-01	4/18/2000	Methyl Isobutyl Ketone	5100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU12-01	4/18/2000	Methylene Bromide	1300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU12-01	4/18/2000	Methylene Chloride	1300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU12-01	4/18/2000	Pentachlorophenol	3700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU12-01	4/18/2000	Phenol	760	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU12-02	4/18/2000	1,1,2,2-Tetrachloroethane	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU12-02	4/18/2000	1,1,2,2-Tetrachloroethane	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU12-02	4/18/2000	1,4-Dioxane	1700	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU12-02	4/18/2000	4-Methylphenol (P-Cresol)	830	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU12-02	4/18/2000	Acetone	4400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU12-02	4/18/2000	Acetone	4400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU12-02	4/18/2000	Acrylonitrile	6600	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU12-02	4/18/2000	Acrylonitrile	6600	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU12-02	4/18/2000	Biphenyl	830	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU12-02	4/18/2000	Carbon Disulfide	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU12-02	4/18/2000	Carbon Disulfide	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU12-02	4/18/2000	Methyl Isobutyl Ketone	4400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU12-02	4/18/2000	Methyl Isobutyl Ketone	4400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU12-02	4/18/2000	Methylene Bromide	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU12-02	4/18/2000	Methylene Bromide	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU12-02	4/18/2000	Methylene Chloride	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU12-02	4/18/2000	Methylene Chloride	1100	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU12-02	4/18/2000	Pentachlorophenol	4000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU12-02	4/18/2000	Phenol	830	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU12-03	4/18/2000	1,1,2,2-Tetrachloroethane	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU12-03	4/18/2000	1,1,2,2-Tetrachloroethane	310	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU12-03	4/18/2000	1,4-Dioxane	790	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU12-03	4/18/2000	1,4-Dioxane	810	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU12-03	4/18/2000	4-Methylphenol (P-Cresol)	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU12-03	4/18/2000	4-Methylphenol (P-Cresol)	410	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU12-03	4/18/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU12-03	4/18/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU12-03	4/18/2000	Acrylonitrile	1800	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU12-03	4/18/2000	Acrylonitrile	1800	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU12-03	4/18/2000	Biphenyl	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU12-03	4/18/2000	Biphenyl	410	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU12-03	4/18/2000	Carbon Disulfide	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU12-03	4/18/2000	Carbon Disulfide	310	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU12-03	4/18/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU12-03	4/18/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU12-03	4/18/2000	Methylene Bromide	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU12-03	4/18/2000	Methylene Bromide	310	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU12-03	4/18/2000	Methylene Chloride	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU12-03	4/18/2000	Methylene Chloride	310	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU12-03	4/18/2000	Pentachlorophenol	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU12-03	4/18/2000	Pentachlorophenol	2000	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU12-03	4/18/2000	Phenol	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU12-03	4/18/2000	Phenol	410	UG/KG				N	0-0.5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU12-04	4/18/2000	1,1,2,2-Tetrachloroethane	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU12-04	4/18/2000	1,4-Dioxane	820	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU12-04	4/18/2000	4-Methylphenol (P-Cresol)	410	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU12-04	4/18/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU12-04	4/18/2000	Acrylonitrile	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU12-04	4/18/2000	Biphenyl	410	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU12-04	4/18/2000	Carbon Disulfide	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU12-04	4/18/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU12-04	4/18/2000	Methylene Bromide	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU12-04	4/18/2000	Methylene Chloride	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU12-04	4/18/2000	Pentachlorophenol	2000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU12-04	4/18/2000	Phenol	410	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-1-S1	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-1-S1	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-1-S1	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-1-S1	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-1-S1	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-1-S1	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-1-S1	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-1-S1	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-1-S1	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S1	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S1	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-1-S1	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-1-S1	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-1-S1	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-1-S1	10/1/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-1-S1	10/1/2013	1,2,4,5-Tetrachlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S1	10/1/2013	1,2,4-Trichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-1-S1	10/1/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-1-S1	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-1-S1	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-1-S1	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-1-S1	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-1-S1	10/1/2013	1,2-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-1-S1	10/1/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-1-S1	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S1	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S1	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-1-S1	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-1-S1	10/1/2013	1,2-Diphenylhydrazine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S1	10/1/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S1	10/1/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-1-S1	10/1/2013	1,3,5-Trinitrobenzene	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-1-S1	10/1/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-1-S1	10/1/2013	1,3-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-1-S1	10/1/2013	1,3-Dinitrobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-1-S1	10/1/2013	1,3-Dinitrobenzene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-1-S1	10/1/2013	1,4-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-1-S1	10/1/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-1-S1	10/1/2013	1,4-Dioxane	5.1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S1	10/1/2013	1,4-Dioxane	5	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S1	10/1/2013	1,4-Naphthoquinone	960	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-1-S1	10/1/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-1-S1	10/1/2013	1-Naphthylamine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-1-S1	10/1/2013	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-1-S1	10/1/2013	2,3,4,6-Tetrachlorophenol	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-1-S1	10/1/2013	2,3,4,6-Tetrachlorophenol	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-1-S1	10/1/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	2,4,5-Trichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-1-S1	10/1/2013	2,4,6-Trichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-1-S1	10/1/2013	2,4-Dichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-1-S1	10/1/2013	2,4-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-1-S1	10/1/2013	2,4-Dimethylphenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-1-S1	10/1/2013	2,4-Dimethylphenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-1-S1	10/1/2013	2,4-Dinitrophenol	340	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-1-S1	10/1/2013	2,4-Dinitrophenol	360	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-1-S1	10/1/2013	2,4-Dinitrotoluene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-1-S1	10/1/2013	2,4-Dinitrotoluene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-1-S1	10/1/2013	2,6-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-1-S1	10/1/2013	2,6-Dichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-1-S1	10/1/2013	2,6-Dinitrotoluene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-1-S1	10/1/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-1-S1	10/1/2013	2-Acetylaminofluorene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-1-S1	10/1/2013	2-Acetylaminofluorene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-1-S1	10/1/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-1-S1	10/1/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-1-S1	10/1/2013	2-Chlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-1-S1	10/1/2013	2-Chlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-1-S1	10/1/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-1-S1	10/1/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-1-S1	10/1/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-1-S1	10/1/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-1-S1	10/1/2013	2-Methylphenol (O-Cresol)	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	2-Naphthylamine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-1-S1	10/1/2013	2-Naphthylamine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-1-S1	10/1/2013	2-Nitroaniline	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-1-S1	10/1/2013	2-Nitroaniline	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S1	10/1/2013	2-Nitrophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-1-S1	10/1/2013	2-Nitrophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-1-S1	10/1/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-1-S1	10/1/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-1-S1	10/1/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-1-S1	10/1/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-1-S1	10/1/2013	3,3'-Dimethylbenzidine	570	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-1-S1	10/1/2013	3,3'-Dimethylbenzidine	600	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-1-S1	10/1/2013	3-Methylcholanthrene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-1-S1	10/1/2013	3-Methylcholanthrene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-1-S1	10/1/2013	3-Nitroaniline	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-1-S1	10/1/2013	3-Nitroaniline	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-1-S1	10/1/2013	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-1-S1	10/1/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-1-S1	10/1/2013	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-1-S1	10/1/2013	4-Aminobiphenyl	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-1-S1	10/1/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S1	10/1/2013	4-Bromophenyl Phenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S1	10/1/2013	4-Chloro-3-Methylphenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	4-Chloroaniline	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-1-S1	10/1/2013	4-Chloroaniline	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-1-S1	10/1/2013	4-Chlorophenyl Phenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-1-S1	10/1/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-1-S1	10/1/2013	4-Dimethylaminoazobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-1-S1	10/1/2013	4-Dimethylaminoazobenzene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-1-S1	10/1/2013	4-Methylphenol (P-Cresol)	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	4-Nitroaniline	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-1-S1	10/1/2013	4-Nitroaniline	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-1-S1	10/1/2013	4-Nitrophenol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S1	10/1/2013	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S1	10/1/2013	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-1-S1	10/1/2013	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-1-S1	10/1/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-1-S1	10/1/2013	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-1-S1	10/1/2013	7,12-Dimethylbenz[A]Anthracene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-1-S1	10/1/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-1-S1	10/1/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-1-S1	10/1/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-1-S1	10/1/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-1-S1	10/1/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-1-S1	10/1/2013	Acetone	13	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S1	10/1/2013	Acetone	13	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S1	10/1/2013	Acetonitrile	26	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S1	10/1/2013	Acetonitrile	27	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S1	10/1/2013	Acetophenone	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-1-S1	10/1/2013	Acetophenone	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-1-S1	10/1/2013	Acrolein	21	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-1-S1	10/1/2013	Acrolein	21	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-1-S1	10/1/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-1-S1	10/1/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-1-S1	10/1/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-1-S1	10/1/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-1-S1	10/1/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-1-S1	10/1/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-1-S1	10/1/2013	Aniline	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-1-S1	10/1/2013	Aniline	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-1-S1	10/1/2013	Anthracene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-1-S1	10/1/2013	Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-1-S1	10/1/2013	Antimony	0.842	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-1-S1	10/1/2013	Antimony	0.856	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S1	10/1/2013	Aramite	77	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-1-S1	10/1/2013	Aramite	80	UG/KG	U	UJ		N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-1-S1	10/1/2013	Arsenic	1.19	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-1-S1	10/1/2013	Arsenic	1.19	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-1-S1	10/1/2013	Barium	10.9	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-1-S1	10/1/2013	Barium	13.8	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-1-S1	10/1/2013	Benzene	2	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-1-S1	10/1/2013	Benzene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-1-S1	10/1/2013	Benzo(A)Anthracene	4	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S1	10/1/2013	Benzo(A)Anthracene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S1	10/1/2013	Benzo(B)Fluoranthene	10	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S1	10/1/2013	Benzo(B)Fluoranthene	6	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S1	10/1/2013	Benzo(G,H,I)Perylene	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-1-S1	10/1/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-1-S1	10/1/2013	Benzo(K)Fluoranthene	4	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-1-S1	10/1/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-1-S1	10/1/2013	Benzo[A]Pyrene	6	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-1-S1	10/1/2013	Benzo[A]Pyrene	7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-1-S1	10/1/2013	Benzyl Alcohol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	Beryllium	0.106	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-1-S1	10/1/2013	Beryllium	0.151	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-1-S1	10/1/2013	Biphenyl	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-1-S1	10/1/2013	Biphenyl	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-1-S1	10/1/2013	Bis(2-Chloroethoxy)Methane	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-1-S1	10/1/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-1-S1	10/1/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-1-S1	10/1/2013	Bis(2-Chloroethyl)Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-1-S1	10/1/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-1-S1	10/1/2013	Bis(2-Chloroisopropyl)Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-1-S1	10/1/2013	Bis(2-Ethylhexyl)Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-1-S1	10/1/2013	Bis(2-Ethylhexyl)Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-1-S1	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-1-S1	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-1-S1	10/1/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-1-S1	10/1/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-1-S1	10/1/2013	Butyl Benzyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-1-S1	10/1/2013	Butyl Benzyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-1-S1	10/1/2013	Cadmium	0.0865	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-1-S1	10/1/2013	Cadmium	0.0879	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-1-S1	10/1/2013	Carbon Disulfide	1	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S1	10/1/2013	Carbon Disulfide	1	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S1	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-1-S1	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-1-S1	10/1/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-1-S1	10/1/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-1-S1	10/1/2013	Chlorobenzilate	40	UG/KG	U	UJ		N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-1-S1	10/1/2013	Chlorobenzilate	38	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-1-S1	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-1-S1	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-1-S1	10/1/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-1-S1	10/1/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-1-S1	10/1/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-1-S1	10/1/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-1-S1	10/1/2013	Chromium	11.2	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-1-S1	10/1/2013	Chromium	10.3	MG/KG				Y	0-2 Feet	DUP	Soil	Site Background	42.7
SWMU13-TW-1-S1	10/1/2013	Chrysene	5	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-1-S1	10/1/2013	Chrysene	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-1-S1	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-1-S1	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-1-S1	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-1-S1	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S1	10/1/2013	Cobalt	0.373	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-1-S1	10/1/2013	Cobalt	0.455	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-1-S1	10/1/2013	Copper	1.99	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-1-S1	10/1/2013	Copper	2.77	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-1-S1	10/1/2013	Diallate	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-1-S1	10/1/2013	Diallate	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-1-S1	10/1/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-1-S1	10/1/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-1-S1	10/1/2013	Dibenzofuran	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-1-S1	10/1/2013	Dibenzofuran	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-1-S1	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-1-S1	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-1-S1	10/1/2013	Diethyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-1-S1	10/1/2013	Diethyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-1-S1	10/1/2013	Diethylene Glycol	6000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-1-S1	10/1/2013	Diethylene Glycol	5700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-1-S1	10/1/2013	Dimethoate	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S1	10/1/2013	Dimethoate	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S1	10/1/2013	Dimethyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-1-S1	10/1/2013	Dimethyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-1-S1	10/1/2013	Di-N-Butyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	Di-N-Butyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S1	10/1/2013	Diphenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-1-S1	10/1/2013	Diphenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-1-S1	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-1-S1	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-1-S1	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-1-S1	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-1-S1	10/1/2013	Ethyl Methanesulfonate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S1	10/1/2013	Ethyl Methanesulfonate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S1	10/1/2013	Ethylbenzene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-1-S1	10/1/2013	Ethylbenzene	2	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-1-S1	10/1/2013	Ethylene Glycol	5700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S1	10/1/2013	Ethylene Glycol	6000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S1	10/1/2013	Fluoranthene	7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-1-S1	10/1/2013	Fluoranthene	6	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-1-S1	10/1/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-1-S1	10/1/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-1-S1	10/1/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-1-S1	10/1/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-1-S1	10/1/2013	Hexachlorobutadiene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-1-S1	10/1/2013	Hexachlorobutadiene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-1-S1	10/1/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S1	10/1/2013	Hexachlorocyclopentadiene	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S1	10/1/2013	Hexachloroethane	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-1-S1	10/1/2013	Hexachloroethane	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-1-S1	10/1/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-1-S1	10/1/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-1-S1	10/1/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S1	10/1/2013	Indeno (1,2,3-CD) Pyrene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S1	10/1/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-1-S1	10/1/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-1-S1	10/1/2013	Isobutyl Alcohol	110	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-1-S1	10/1/2013	Isobutyl Alcohol	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-1-S1	10/1/2013	Isodrin	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-1-S1	10/1/2013	Isodrin	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-1-S1	10/1/2013	Isophorone	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-1-S1	10/1/2013	Isophorone	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-1-S1	10/1/2013	Isosafrole	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-1-S1	10/1/2013	Isosafrole	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-1-S1	10/1/2013	Lead	5.07	MG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-1-S1	10/1/2013	Lead	6.29	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S1	10/1/2013	Mercury	0.0164	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-1-S1	10/1/2013	Mercury	0.0178	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-1-S1	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-1-S1	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-1-S1	10/1/2013	Methapyrilene	2000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-1-S1	10/1/2013	Methapyrilene	1900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-1-S1	10/1/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-1-S1	10/1/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-1-S1	10/1/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-1-S1	10/1/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-1-S1	10/1/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-1-S1	10/1/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-1-S1	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-1-S1	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-1-S1	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-1-S1	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-1-S1	10/1/2013	Methyl Methanesulfonate	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S1	10/1/2013	Methyl Methanesulfonate	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S1	10/1/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-1-S1	10/1/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-1-S1	10/1/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-1-S1	10/1/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-1-S1	10/1/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-1-S1	10/1/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-1-S1	10/1/2013	N-Dioctyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-1-S1	10/1/2013	N-Dioctyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-1-S1	10/1/2013	Nickel	2.07	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-1-S1	10/1/2013	Nickel	5.41	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-1-S1	10/1/2013	Nitrobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S1	10/1/2013	Nitrobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S1	10/1/2013	N-Nitroso(Methyl)Ethylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-1-S1	10/1/2013	N-Nitroso(Methyl)Ethylamine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-1-S1	10/1/2013	N-Nitrosodiethylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-1-S1	10/1/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-1-S1	10/1/2013	N-Nitrosodimethylamine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-1-S1	10/1/2013	N-Nitrosodimethylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-1-S1	10/1/2013	N-Nitroso-Di-N-Butylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-1-S1	10/1/2013	N-Nitroso-Di-N-Butylamine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-1-S1	10/1/2013	N-Nitrosodi-N-Propylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-1-S1	10/1/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-1-S1	10/1/2013	N-Nitrosodiphenylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-1-S1	10/1/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-1-S1	10/1/2013	N-Nitrosomorpholine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-1-S1	10/1/2013	N-Nitrosomorpholine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-1-S1	10/1/2013	N-Nitrosopiperidine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-1-S1	10/1/2013	N-Nitrosopiperidine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-1-S1	10/1/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-1-S1	10/1/2013	N-Nitrosopyrrolidine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-1-S1	10/1/2013	O,O,O-Triethylphosphorothioate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-1-S1	10/1/2013	O,O,O-Triethylphosphorothioate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-1-S1	10/1/2013	O-Toluidine	230	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-1-S1	10/1/2013	O-Toluidine	240	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-1-S1	10/1/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-1-S1	10/1/2013	para-Phenylenediamine	14000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-1-S1	10/1/2013	Pentachlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-1-S1	10/1/2013	Pentachlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-1-S1	10/1/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-1-S1	10/1/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-1-S1	10/1/2013	Pentachloronitrobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-1-S1	10/1/2013	Pentachloronitrobenzene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-1-S1	10/1/2013	Pentachlorophenol	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-1-S1	10/1/2013	Pentachlorophenol	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S1	10/1/2013	Phenacetin	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-1-S1	10/1/2013	Phenacetin	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-1-S1	10/1/2013	Phenanthrene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-1-S1	10/1/2013	Phenanthrene	4	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-1-S1	10/1/2013	Phenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-1-S1	10/1/2013	Phenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-1-S1	10/1/2013	Pronamide	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-1-S1	10/1/2013	Pronamide	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-1-S1	10/1/2013	Propionitrile	31	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-1-S1	10/1/2013	Propionitrile	32	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-1-S1	10/1/2013	Propylene Glycol	5700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S1	10/1/2013	Propylene Glycol	6000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S1	10/1/2013	Pyrene	8	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-1-S1	10/1/2013	Pyrene	10	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-1-S1	10/1/2013	Pyridine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-1-S1	10/1/2013	Pyridine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-1-S1	10/1/2013	Safrole	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-1-S1	10/1/2013	Safrole	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-1-S1	10/1/2013	Selenium	0.123	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S1	10/1/2013	Selenium	0.125	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S1	10/1/2013	Silver	0.193	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S1	10/1/2013	Silver	0.197	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S1	10/1/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-1-S1	10/1/2013	Styrene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-1-S1	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-1-S1	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-1-S1	10/1/2013	Tetraethyl Dithiopyrophosphate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-1-S1	10/1/2013	Tetraethyl Dithiopyrophosphate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-1-S1	10/1/2013	Thallium	0.0521	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-1-S1	10/1/2013	Thallium	0.0508	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-1-S1	10/1/2013	Thionazin	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-1-S1	10/1/2013	Thionazin	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-1-S1	10/1/2013	Tin	1.8	MG/KG	J	B		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-1-S1	10/1/2013	Tin	1.99	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-1-S1	10/1/2013	Toluene	2	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-1-S1	10/1/2013	Toluene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-1-S1	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-1-S1	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-1-S1	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-1-S1	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-1-S1	10/1/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-1-S1	10/1/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-1-S1	10/1/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-1-S1	10/1/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-1-S1	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-1-S1	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-1-S1	10/1/2013	Triethylene Glycol	5700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-1-S1	10/1/2013	Triethylene Glycol	6000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-1-S1	10/1/2013	Vanadium	9.15	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S1	10/1/2013	Vanadium	9.94	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S1	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-1-S1	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-1-S1	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-1-S1	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-1-S1	10/1/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-1-S1	10/1/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-1-S1	10/1/2013	Zinc	15.8	MG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-1-S1	10/1/2013	Zinc	18	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-2-S1	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-2-S1	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-2-S1	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-2-S1	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-2-S1	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-2-S1	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-2-S1	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-2-S1	10/1/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-2-S1	10/1/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-2-S1	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-2-S1	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-2-S1	10/1/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-2-S1	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-2-S1	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-2-S1	10/1/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-2-S1	10/1/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-2-S1	10/1/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-2-S1	10/1/2013	1,3-Dinitrobenzene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-2-S1	10/1/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-2-S1	10/1/2013	1,4-Dioxane	5.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-2-S1	10/1/2013	1,4-Naphthoquinone	980	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-2-S1	10/1/2013	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-2-S1	10/1/2013	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-2-S1	10/1/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S1	10/1/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-2-S1	10/1/2013	2,4-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-2-S1	10/1/2013	2,4-Dimethylphenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-2-S1	10/1/2013	2,4-Dinitrophenol	350	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-2-S1	10/1/2013	2,4-Dinitrotoluene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-2-S1	10/1/2013	2,6-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-2-S1	10/1/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-2-S1	10/1/2013	2-Acetylaminofluorene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-2-S1	10/1/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-2-S1	10/1/2013	2-Chlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-2-S1	10/1/2013	2-Hexanone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-2-S1	10/1/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-2-S1	10/1/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S1	10/1/2013	2-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-2-S1	10/1/2013	2-Nitroaniline	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-2-S1	10/1/2013	2-Nitrophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-2-S1	10/1/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-2-S1	10/1/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-2-S1	10/1/2013	3,3'-Dimethylbenzidine	590	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-2-S1	10/1/2013	3-Methylcholanthrene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-2-S1	10/1/2013	3-Nitroaniline	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-2-S1	10/1/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-2-S1	10/1/2013	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-2-S1	10/1/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-2-S1	10/1/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S1	10/1/2013	4-Chloroaniline	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-2-S1	10/1/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-2-S1	10/1/2013	4-Dimethylaminoazobenzene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-2-S1	10/1/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S1	10/1/2013	4-Nitroaniline	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-2-S1	10/1/2013	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-2-S1	10/1/2013	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-2-S1	10/1/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-2-S1	10/1/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-2-S1	10/1/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-2-S1	10/1/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-2-S1	10/1/2013	Acetone	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-2-S1	10/1/2013	Acetonitrile	29	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-2-S1	10/1/2013	Acetophenone	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-2-S1	10/1/2013	Acrolein	23	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-2-S1	10/1/2013	Acrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-2-S1	10/1/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-2-S1	10/1/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-2-S1	10/1/2013	Aniline	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-2-S1	10/1/2013	Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-2-S1	10/1/2013	Antimony	0.855	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-2-S1	10/1/2013	Aramite	79	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-2-S1	10/1/2013	Arsenic	1.92	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-2-S1	10/1/2013	Barium	7.91	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-2-S1	10/1/2013	Benzene	0.6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-2-S1	10/1/2013	Benzo(A)Anthracene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-2-S1	10/1/2013	Benzo(B)Fluoranthene	10	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-2-S1	10/1/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-2-S1	10/1/2013	Benzo(K)Fluoranthene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-2-S1	10/1/2013	Benzo[A]Pyrene	7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-2-S1	10/1/2013	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S1	10/1/2013	Beryllium	0.0774	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-2-S1	10/1/2013	Biphenyl	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-2-S1	10/1/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-2-S1	10/1/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-2-S1	10/1/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-2-S1	10/1/2013	Bis(2-Ethylhexyl)Phthalate	94	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-2-S1	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-2-S1	10/1/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-2-S1	10/1/2013	Butyl Benzyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-2-S1	10/1/2013	Cadmium	0.0878	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-2-S1	10/1/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-2-S1	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-2-S1	10/1/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-2-S1	10/1/2013	Chlorobenzilate	39	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-2-S1	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-2-S1	10/1/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-2-S1	10/1/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-2-S1	10/1/2013	Chromium	5.02	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-2-S1	10/1/2013	Chrysene	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-2-S1	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-2-S1	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-2-S1	10/1/2013	Cobalt	0.63	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-2-S1	10/1/2013	Copper	1.04	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-2-S1	10/1/2013	Diallate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-2-S1	10/1/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-2-S1	10/1/2013	Dibenzofuran	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-2-S1	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-2-S1	10/1/2013	Diethyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-2-S1	10/1/2013	Diethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-2-S1	10/1/2013	Dimethoate	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-2-S1	10/1/2013	Dimethyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-2-S1	10/1/2013	Di-N-Butyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S1	10/1/2013	Diphenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-2-S1	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-2-S1	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-2-S1	10/1/2013	Ethyl Methanesulfonate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-2-S1	10/1/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-2-S1	10/1/2013	Ethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-2-S1	10/1/2013	Fluoranthene	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-2-S1	10/1/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-2-S1	10/1/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-2-S1	10/1/2013	Hexachlorobutadiene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-2-S1	10/1/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-2-S1	10/1/2013	Hexachloroethane	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-2-S1	10/1/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-2-S1	10/1/2013	Indeno (1,2,3-CD) Pyrene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-2-S1	10/1/2013	Iodomethane	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-2-S1	10/1/2013	Isobutyl Alcohol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-2-S1	10/1/2013	Isodrin	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-2-S1	10/1/2013	Isophorone	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-2-S1	10/1/2013	Isosafrole	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-2-S1	10/1/2013	Lead	2.8	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-2-S1	10/1/2013	Mercury	0.0871	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-2-S1	10/1/2013	Methacrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-2-S1	10/1/2013	Methapyrilene	2000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-2-S1	10/1/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-2-S1	10/1/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-2-S1	10/1/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-2-S1	10/1/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-2-S1	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-2-S1	10/1/2013	Methyl Methanesulfonate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-2-S1	10/1/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-2-S1	10/1/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-2-S1	10/1/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-2-S1	10/1/2013	N-Dioctyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-2-S1	10/1/2013	Nickel	1	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-2-S1	10/1/2013	Nitrobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-2-S1	10/1/2013	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-2-S1	10/1/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-2-S1	10/1/2013	N-Nitrosodimethylamine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-2-S1	10/1/2013	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-2-S1	10/1/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-2-S1	10/1/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-2-S1	10/1/2013	N-Nitrosomorpholine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-2-S1	10/1/2013	N-Nitrosopiperidine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-2-S1	10/1/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-2-S1	10/1/2013	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-2-S1	10/1/2013	O-Toluidine	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-2-S1	10/1/2013	para-Phenylenediamine	14000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-2-S1	10/1/2013	Pentachlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-2-S1	10/1/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-2-S1	10/1/2013	Pentachloronitrobenzene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-2-S1	10/1/2013	Pentachlorophenol	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-2-S1	10/1/2013	Phenacetin	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-2-S1	10/1/2013	Phenanthrene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-2-S1	10/1/2013	Phenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-2-S1	10/1/2013	Pronamide	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-2-S1	10/1/2013	Propionitrile	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-2-S1	10/1/2013	Propylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-2-S1	10/1/2013	Pyrene	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-2-S1	10/1/2013	Pyridine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-2-S1	10/1/2013	Safrole	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-2-S1	10/1/2013	Selenium	0.115	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-2-S1	10/1/2013	Silver	0.196	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-2-S1	10/1/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-2-S1	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-2-S1	10/1/2013	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-2-S1	10/1/2013	Thallium	0.0346	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-2-S1	10/1/2013	Thionazin	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-2-S1	10/1/2013	Tin	1.76	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-2-S1	10/1/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-2-S1	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-2-S1	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-2-S1	10/1/2013	trans-1,4-Dichlorobutene-2	12	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-2-S1	10/1/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-2-S1	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-2-S1	10/1/2013	Triethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-2-S1	10/1/2013	Vanadium	6.78	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-2-S1	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-2-S1	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-2-S1	10/1/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-2-S1	10/1/2013	Zinc	6.77	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-3-S1	10/2/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-3-S1	10/2/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-3-S1	10/2/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-3-S1	10/2/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-3-S1	10/2/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-3-S1	10/2/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-3-S1	10/2/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-3-S1	10/2/2013	1,2,4,5-Tetrachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-3-S1	10/2/2013	1,2,4-Trichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-3-S1	10/2/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-3-S1	10/2/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-3-S1	10/2/2013	1,2-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-3-S1	10/2/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-3-S1	10/2/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-3-S1	10/2/2013	1,2-Diphenylhydrazine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-3-S1	10/2/2013	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-3-S1	10/2/2013	1,3-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-3-S1	10/2/2013	1,3-Dinitrobenzene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-3-S1	10/2/2013	1,4-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-3-S1	10/2/2013	1,4-Dioxane	5.3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-3-S1	10/2/2013	1,4-Naphthoquinone	880	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-3-S1	10/2/2013	1-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-3-S1	10/2/2013	2,3,4,6-Tetrachlorophenol	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-3-S1	10/2/2013	2,4,5-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S1	10/2/2013	2,4,6-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-3-S1	10/2/2013	2,4-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-3-S1	10/2/2013	2,4-Dimethylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-3-S1	10/2/2013	2,4-Dinitrophenol	320	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-3-S1	10/2/2013	2,4-Dinitrotoluene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-3-S1	10/2/2013	2,6-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-3-S1	10/2/2013	2,6-Dinitrotoluene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-3-S1	10/2/2013	2-Acetylaminofluorene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-3-S1	10/2/2013	2-Chloronaphthalene	7	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-3-S1	10/2/2013	2-Chlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-3-S1	10/2/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-3-S1	10/2/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-3-S1	10/2/2013	2-Methylphenol (O-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S1	10/2/2013	2-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-3-S1	10/2/2013	2-Nitroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-3-S1	10/2/2013	2-Nitrophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-3-S1	10/2/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-3-S1	10/2/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-3-S1	10/2/2013	3,3'-Dimethylbenzidine	530	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-3-S1	10/2/2013	3-Methylcholanthrene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-3-S1	10/2/2013	3-Nitroaniline	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-3-S1	10/2/2013	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-3-S1	10/2/2013	4-Aminobiphenyl	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-3-S1	10/2/2013	4-Bromophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-3-S1	10/2/2013	4-Chloro-3-Methylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S1	10/2/2013	4-Chloroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-3-S1	10/2/2013	4-Chlorophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-3-S1	10/2/2013	4-Dimethylaminoazobenzene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-3-S1	10/2/2013	4-Methylphenol (P-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S1	10/2/2013	4-Nitroaniline	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-3-S1	10/2/2013	4-Nitrophenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-3-S1	10/2/2013	4-Nitroquinoline-N-Oxide	350	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-3-S1	10/2/2013	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-3-S1	10/2/2013	7,12-Dimethylbenz[A]Anthracene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-3-S1	10/2/2013	Acenaphthene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-3-S1	10/2/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-3-S1	10/2/2013	Acetone	7	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-3-S1	10/2/2013	Acetonitrile	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-3-S1	10/2/2013	Acetophenone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-3-S1	10/2/2013	Acrolein	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-3-S1	10/2/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-3-S1	10/2/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-3-S1	10/2/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-3-S1	10/2/2013	Aniline	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-3-S1	10/2/2013	Anthracene	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-3-S1	10/2/2013	Antimony	0.781	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-3-S1	10/2/2013	Aramite	70	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-3-S1	10/2/2013	Arsenic	1.41	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-3-S1	10/2/2013	Barium	15.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-3-S1	10/2/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-3-S1	10/2/2013	Benzo(A)Anthracene	65	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-3-S1	10/2/2013	Benzo(B)Fluoranthene	72	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-3-S1	10/2/2013	Benzo(G,H,I)Perylene	36	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-3-S1	10/2/2013	Benzo(K)Fluoranthene	43	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-3-S1	10/2/2013	Benzo[A]Pyrene	60	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-3-S1	10/2/2013	Benzyl Alcohol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S1	10/2/2013	Beryllium	0.15	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-3-S1	10/2/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-3-S1	10/2/2013	Bis(2-Chloroethoxy)Methane	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-3-S1	10/2/2013	Bis(2-Chloroethyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-3-S1	10/2/2013	Bis(2-Chloroisopropyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-3-S1	10/2/2013	Bis(2-Ethylhexyl)Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-3-S1	10/2/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-3-S1	10/2/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-3-S1	10/2/2013	Butyl Benzyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-3-S1	10/2/2013	Cadmium	0.0803	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-3-S1	10/2/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-3-S1	10/2/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-3-S1	10/2/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-3-S1	10/2/2013	Chlorobenzilate	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-3-S1	10/2/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-3-S1	10/2/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-3-S1	10/2/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-3-S1	10/2/2013	Chromium	13	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-3-S1	10/2/2013	Chrysene	59	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-3-S1	10/2/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-3-S1	10/2/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-3-S1	10/2/2013	Cobalt	0.495	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-3-S1	10/2/2013	Copper	1.7	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-3-S1	10/2/2013	Diallate	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-3-S1	10/2/2013	Dibenz(A,H)Anthracene	7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-3-S1	10/2/2013	Dibenzofuran	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-3-S1	10/2/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-3-S1	10/2/2013	Diethyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-3-S1	10/2/2013	Diethylene Glycol	5300	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-3-S1	10/2/2013	Dimethoate	180	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-3-S1	10/2/2013	Dimethyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-3-S1	10/2/2013	Di-N-Butyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S1	10/2/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-3-S1	10/2/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-3-S1	10/2/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-3-S1	10/2/2013	Ethyl Methanesulfonate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-3-S1	10/2/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-3-S1	10/2/2013	Ethylene Glycol	5300	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-3-S1	10/2/2013	Fluoranthene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-3-S1	10/2/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-3-S1	10/2/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-3-S1	10/2/2013	Hexachlorobutadiene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-3-S1	10/2/2013	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-3-S1	10/2/2013	Hexachloroethane	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-3-S1	10/2/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-3-S1	10/2/2013	Indeno (1,2,3-CD) Pyrene	32	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-3-S1	10/2/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-3-S1	10/2/2013	Isobutyl Alcohol	99	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-3-S1	10/2/2013	Isodrin	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-3-S1	10/2/2013	Isophorone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-3-S1	10/2/2013	Isosafrole	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-3-S1	10/2/2013	Lead	7.37	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-3-S1	10/2/2013	Mercury	0.0304	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-3-S1	10/2/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-3-S1	10/2/2013	Methapyrilene	1800	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-3-S1	10/2/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-3-S1	10/2/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-3-S1	10/2/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-3-S1	10/2/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-3-S1	10/2/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-3-S1	10/2/2013	Methyl Methanesulfonate	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-3-S1	10/2/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-3-S1	10/2/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-3-S1	10/2/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-3-S1	10/2/2013	N-Dioctyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-3-S1	10/2/2013	Nickel	4.32	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-3-S1	10/2/2013	Nitrobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-3-S1	10/2/2013	N-Nitroso(Methyl)Ethylamine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-3-S1	10/2/2013	N-Nitrosodiethylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-3-S1	10/2/2013	N-Nitrosodimethylamine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-3-S1	10/2/2013	N-Nitroso-Di-N-Butylamine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-3-S1	10/2/2013	N-Nitrosodi-N-Propylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-3-S1	10/2/2013	N-Nitrosodiphenylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-3-S1	10/2/2013	N-Nitrosomorpholine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-3-S1	10/2/2013	N-Nitrosopiperidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-3-S1	10/2/2013	N-Nitrosopyrrolidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-3-S1	10/2/2013	O,O,O-Triethylphosphorothioate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-3-S1	10/2/2013	O-Toluidine	210	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-3-S1	10/2/2013	para-Phenylenediamine	12000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-3-S1	10/2/2013	Pentachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-3-S1	10/2/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-3-S1	10/2/2013	Pentachloronitrobenzene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-3-S1	10/2/2013	Pentachlorophenol	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-3-S1	10/2/2013	Phenacetin	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-3-S1	10/2/2013	Phenanthrene	49	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-3-S1	10/2/2013	Phenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-3-S1	10/2/2013	Pronamide	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-3-S1	10/2/2013	Propionitrile	30	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-3-S1	10/2/2013	Propylene Glycol	5300	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-3-S1	10/2/2013	Pyrene	100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-3-S1	10/2/2013	Pyridine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-3-S1	10/2/2013	Safrole	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-3-S1	10/2/2013	Selenium	0.153	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-3-S1	10/2/2013	Silver	0.18	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-3-S1	10/2/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-3-S1	10/2/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-3-S1	10/2/2013	Tetraethyl Dithiopyrophosphate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-3-S1	10/2/2013	Thallium	0.0663	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-3-S1	10/2/2013	Thionazin	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-3-S1	10/2/2013	Tin	1.85	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-3-S1	10/2/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-3-S1	10/2/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-3-S1	10/2/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-3-S1	10/2/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-3-S1	10/2/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-3-S1	10/2/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-3-S1	10/2/2013	Triethylene Glycol	5300	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-3-S1	10/2/2013	Vanadium	11.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-3-S1	10/2/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-3-S1	10/2/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-3-S1	10/2/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-3-S1	10/2/2013	Zinc	50	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-4-S1	10/3/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-4-S1	10/3/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-4-S1	10/3/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-4-S1	10/3/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-4-S1	10/3/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-4-S1	10/3/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-4-S1	10/3/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-4-S1	10/3/2013	1,2,4,5-Tetrachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-4-S1	10/3/2013	1,2,4-Trichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-4-S1	10/3/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-4-S1	10/3/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-4-S1	10/3/2013	1,2-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-4-S1	10/3/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-4-S1	10/3/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-4-S1	10/3/2013	1,2-Diphenylhydrazine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-4-S1	10/3/2013	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-4-S1	10/3/2013	1,3-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-4-S1	10/3/2013	1,3-Dinitrobenzene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-4-S1	10/3/2013	1,4-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-4-S1	10/3/2013	1,4-Dioxane	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-4-S1	10/3/2013	1,4-Naphthoquinone	880	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-4-S1	10/3/2013	1-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-4-S1	10/3/2013	2,3,4,6-Tetrachlorophenol	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-4-S1	10/3/2013	2,4,5-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S1	10/3/2013	2,4,6-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-4-S1	10/3/2013	2,4-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-4-S1	10/3/2013	2,4-Dimethylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-4-S1	10/3/2013	2,4-Dinitrophenol	320	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-4-S1	10/3/2013	2,4-Dinitrotoluene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-4-S1	10/3/2013	2,6-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-4-S1	10/3/2013	2,6-Dinitrotoluene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-4-S1	10/3/2013	2-Acetylaminofluorene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-4-S1	10/3/2013	2-Chloronaphthalene	7	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-4-S1	10/3/2013	2-Chlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-4-S1	10/3/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-4-S1	10/3/2013	2-Methylnaphthalene	36	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-4-S1	10/3/2013	2-Methylphenol (O-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S1	10/3/2013	2-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-4-S1	10/3/2013	2-Nitroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-4-S1	10/3/2013	2-Nitrophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-4-S1	10/3/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-4-S1	10/3/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-4-S1	10/3/2013	3,3'-Dimethylbenzidine	530	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-4-S1	10/3/2013	3-Methylcholanthrene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-4-S1	10/3/2013	3-Nitroaniline	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-4-S1	10/3/2013	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-4-S1	10/3/2013	4-Aminobiphenyl	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-4-S1	10/3/2013	4-Bromophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-4-S1	10/3/2013	4-Chloro-3-Methylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S1	10/3/2013	4-Chloroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-4-S1	10/3/2013	4-Chlorophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-4-S1	10/3/2013	4-Dimethylaminoazobenzene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-4-S1	10/3/2013	4-Methylphenol (P-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S1	10/3/2013	4-Nitroaniline	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-4-S1	10/3/2013	4-Nitrophenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-4-S1	10/3/2013	4-Nitroquinoline-N-Oxide	350	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-4-S1	10/3/2013	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-4-S1	10/3/2013	7,12-Dimethylbenz[A]Anthracene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-4-S1	10/3/2013	Acenaphthene	35	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-4-S1	10/3/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-4-S1	10/3/2013	Acetone	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-4-S1	10/3/2013	Acetonitrile	27	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-4-S1	10/3/2013	Acetophenone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-4-S1	10/3/2013	Acrolein	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-4-S1	10/3/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-4-S1	10/3/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-4-S1	10/3/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-4-S1	10/3/2013	Aniline	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-4-S1	10/3/2013	Anthracene	29	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-4-S1	10/3/2013	Antimony	2.11	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-4-S1	10/3/2013	Aramite	70	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-4-S1	10/3/2013	Barium	13.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-4-S1	10/3/2013	Benzene	0.9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-4-S1	10/3/2013	Benzo(A)Anthracene	110	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-4-S1	10/3/2013	Benzo(B)Fluoranthene	140	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-4-S1	10/3/2013	Benzo(G,H,I)Perylene	61	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-4-S1	10/3/2013	Benzo(K)Fluoranthene	61	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-4-S1	10/3/2013	Arsenic	2.98	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-4-S1	10/3/2013	Benzo[A]Pyrene	100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-4-S1	10/3/2013	Benzyl Alcohol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S1	10/3/2013	Beryllium	0.128	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-4-S1	10/3/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-4-S1	10/3/2013	Bis(2-Chloroethoxy)Methane	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-4-S1	10/3/2013	Bis(2-Chloroethyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-4-S1	10/3/2013	Bis(2-Chloroisopropyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-4-S1	10/3/2013	Bis(2-Ethylhexyl)Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-4-S1	10/3/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-4-S1	10/3/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-4-S1	10/3/2013	Butyl Benzyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-4-S1	10/3/2013	Cadmium	0.378	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-4-S1	10/3/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-4-S1	10/3/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-4-S1	10/3/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-4-S1	10/3/2013	Chlorobenzilate	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-4-S1	10/3/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-4-S1	10/3/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-4-S1	10/3/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-4-S1	10/3/2013	Chromium	20.2	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-4-S1	10/3/2013	Chrysene	120	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-4-S1	10/3/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-4-S1	10/3/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-4-S1	10/3/2013	Cobalt	0.595	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-4-S1	10/3/2013	Copper	1.45	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-4-S1	10/3/2013	Diallate	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-4-S1	10/3/2013	Dibenz(A,H)Anthracene	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-4-S1	10/3/2013	Dibenzofuran	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-4-S1	10/3/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-4-S1	10/3/2013	Diethyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-4-S1	10/3/2013	Diethylene Glycol	5300	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-4-S1	10/3/2013	Dimethoate	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-4-S1	10/3/2013	Dimethyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-4-S1	10/3/2013	Di-N-Butyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S1	10/3/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-4-S1	10/3/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-4-S1	10/3/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-4-S1	10/3/2013	Ethyl Methanesulfonate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-4-S1	10/3/2013	Ethylbenzene	4	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-4-S1	10/3/2013	Ethylene Glycol	5300	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-4-S1	10/3/2013	Fluoranthene	250	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-4-S1	10/3/2013	Fluorene	13	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-4-S1	10/3/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-4-S1	10/3/2013	Hexachlorobutadiene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-4-S1	10/3/2013	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-4-S1	10/3/2013	Hexachloroethane	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-4-S1	10/3/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-4-S1	10/3/2013	Indeno (1,2,3-CD) Pyrene	62	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-4-S1	10/3/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-4-S1	10/3/2013	Isobutyl Alcohol	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-4-S1	10/3/2013	Isodrin	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-4-S1	10/3/2013	Isophorone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-4-S1	10/3/2013	Isosafrole	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-4-S1	10/3/2013	Lead	8.82	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-4-S1	10/3/2013	Mercury	0.01	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-4-S1	10/3/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-4-S1	10/3/2013	Methapyrilene	1800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-4-S1	10/3/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-4-S1	10/3/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-4-S1	10/3/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-4-S1	10/3/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-4-S1	10/3/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-4-S1	10/3/2013	Methyl Methanesulfonate	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-4-S1	10/3/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-4-S1	10/3/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-4-S1	10/3/2013	Naphthalene	24	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-4-S1	10/3/2013	N-Dioctyl Phthalate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-4-S1	10/3/2013	Nickel	7.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-4-S1	10/3/2013	Nitrobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-4-S1	10/3/2013	N-Nitroso(Methyl)Ethylamine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-4-S1	10/3/2013	N-Nitrosodiethylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-4-S1	10/3/2013	N-Nitrosodimethylamine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-4-S1	10/3/2013	N-Nitroso-Di-N-Butylamine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-4-S1	10/3/2013	N-Nitrosodi-N-Propylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-4-S1	10/3/2013	N-Nitrosodiphenylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-4-S1	10/3/2013	N-Nitrosomorpholine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-4-S1	10/3/2013	N-Nitrosopiperidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-4-S1	10/3/2013	N-Nitrosopyrrolidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-4-S1	10/3/2013	O,O,O-Triethylphosphorothioate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-4-S1	10/3/2013	O-Toluidine	210	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-4-S1	10/3/2013	para-Phenylenediamine	12000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-4-S1	10/3/2013	Pentachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-4-S1	10/3/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-4-S1	10/3/2013	Pentachloronitrobenzene	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-4-S1	10/3/2013	Pentachlorophenol	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-4-S1	10/3/2013	Phenacetin	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-4-S1	10/3/2013	Phenanthrene	190	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-4-S1	10/3/2013	Phenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-4-S1	10/3/2013	Pronamide	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-4-S1	10/3/2013	Propionitrile	33	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-4-S1	10/3/2013	Propylene Glycol	5300	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-4-S1	10/3/2013	Pyrene	220	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-4-S1	10/3/2013	Pyridine	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-4-S1	10/3/2013	Safrole	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-4-S1	10/3/2013	Selenium	0.285	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-4-S1	10/3/2013	Silver	0.181	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-4-S1	10/3/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-4-S1	10/3/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-4-S1	10/3/2013	Tetraethyl Dithiopyrophosphate	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-4-S1	10/3/2013	Thallium	0.131	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-4-S1	10/3/2013	Thionazin	70	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-4-S1	10/3/2013	Tin	1.6	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-4-S1	10/3/2013	Toluene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-4-S1	10/3/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-4-S1	10/3/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-4-S1	10/3/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-4-S1	10/3/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-4-S1	10/3/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-4-S1	10/3/2013	Triethylene Glycol	5300	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-4-S1	10/3/2013	Vanadium	16	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-4-S1	10/3/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-4-S1	10/3/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-4-S1	10/3/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-4-S1	10/3/2013	Zinc	44.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-5-S1	10/3/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-5-S1	10/3/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-5-S1	10/3/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-5-S1	10/3/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-5-S1	10/3/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-5-S1	10/3/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-5-S1	10/3/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-5-S1	10/3/2013	1,2,4,5-Tetrachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-5-S1	10/3/2013	1,2,4-Trichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-5-S1	10/3/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-5-S1	10/3/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-5-S1	10/3/2013	1,2-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-5-S1	10/3/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-5-S1	10/3/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-5-S1	10/3/2013	1,2-Diphenylhydrazine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-5-S1	10/3/2013	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-5-S1	10/3/2013	1,3-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-5-S1	10/3/2013	1,3-Dinitrobenzene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-5-S1	10/3/2013	1,4-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-5-S1	10/3/2013	1,4-Dioxane	5.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-5-S1	10/3/2013	1,4-Naphthoquinone	910	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-5-S1	10/3/2013	1-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-5-S1	10/3/2013	2,3,4,6-Tetrachlorophenol	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-5-S1	10/3/2013	2,4,5-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S1	10/3/2013	2,4,6-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-5-S1	10/3/2013	2,4-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-5-S1	10/3/2013	2,4-Dimethylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-5-S1	10/3/2013	2,4-Dinitrophenol	330	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-5-S1	10/3/2013	2,4-Dinitrotoluene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-5-S1	10/3/2013	2,6-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-5-S1	10/3/2013	2,6-Dinitrotoluene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-5-S1	10/3/2013	2-Acetylaminofluorene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-5-S1	10/3/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-5-S1	10/3/2013	2-Chlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-5-S1	10/3/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-5-S1	10/3/2013	2-Methylnaphthalene	22	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-5-S1	10/3/2013	2-Methylphenol (O-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S1	10/3/2013	2-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-5-S1	10/3/2013	2-Nitroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-5-S1	10/3/2013	2-Nitrophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-5-S1	10/3/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-5-S1	10/3/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-5-S1	10/3/2013	3,3'-Dimethylbenzidine	550	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-5-S1	10/3/2013	3-Methylcholanthrene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-5-S1	10/3/2013	3-Nitroaniline	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-5-S1	10/3/2013	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-5-S1	10/3/2013	4-Aminobiphenyl	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-5-S1	10/3/2013	4-Bromophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-5-S1	10/3/2013	4-Chloro-3-Methylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S1	10/3/2013	4-Chloroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-5-S1	10/3/2013	4-Chlorophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-5-S1	10/3/2013	4-Dimethylaminoazobenzene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-5-S1	10/3/2013	4-Methylphenol (P-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S1	10/3/2013	4-Nitroaniline	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-5-S1	10/3/2013	4-Nitrophenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-5-S1	10/3/2013	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-5-S1	10/3/2013	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-5-S1	10/3/2013	7,12-Dimethylbenz[A]Anthracene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-5-S1	10/3/2013	Acenaphthene	43	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-5-S1	10/3/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-5-S1	10/3/2013	Acetone	11	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-5-S1	10/3/2013	Acetonitrile	24	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-5-S1	10/3/2013	Acetophenone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-5-S1	10/3/2013	Acrolein	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-5-S1	10/3/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-5-S1	10/3/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-5-S1	10/3/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-5-S1	10/3/2013	Aniline	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-5-S1	10/3/2013	Anthracene	110	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-5-S1	10/3/2013	Antimony	0.802	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-5-S1	10/3/2013	Aramite	73	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-5-S1	10/3/2013	Arsenic	1.64	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-5-S1	10/3/2013	Barium	32.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-5-S1	10/3/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-5-S1	10/3/2013	Benzo(A)Anthracene	270	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-5-S1	10/3/2013	Benzo(B)Fluoranthene	290	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-5-S1	10/3/2013	Benzo(G,H,I)Perylene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-5-S1	10/3/2013	Benzo(K)Fluoranthene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-5-S1	10/3/2013	Benzo[A]Pyrene	200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-5-S1	10/3/2013	Benzyl Alcohol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S1	10/3/2013	Beryllium	0.137	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-5-S1	10/3/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-5-S1	10/3/2013	Bis(2-Chloroethoxy)Methane	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-5-S1	10/3/2013	Bis(2-Chloroethyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-5-S1	10/3/2013	Bis(2-Chloroisopropyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-5-S1	10/3/2013	Bis(2-Ethylhexyl)Phthalate	210	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-5-S1	10/3/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-5-S1	10/3/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-5-S1	10/3/2013	Butyl Benzyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-5-S1	10/3/2013	Cadmium	0.0824	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-5-S1	10/3/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-5-S1	10/3/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-5-S1	10/3/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-5-S1	10/3/2013	Chlorobenzilate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-5-S1	10/3/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-5-S1	10/3/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-5-S1	10/3/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-5-S1	10/3/2013	Chromium	11.2	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-5-S1	10/3/2013	Chrysene	260	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-5-S1	10/3/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-5-S1	10/3/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-5-S1	10/3/2013	Cobalt	0.966	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-5-S1	10/3/2013	Copper	5.59	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-5-S1	10/3/2013	Diallate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-5-S1	10/3/2013	Dibenz(A,H)Anthracene	32	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-5-S1	10/3/2013	Dibenzofuran	23	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-5-S1	10/3/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-5-S1	10/3/2013	Diethyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-5-S1	10/3/2013	Diethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-5-S1	10/3/2013	Dimethoate	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-5-S1	10/3/2013	Dimethyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-5-S1	10/3/2013	Di-N-Butyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S1	10/3/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-5-S1	10/3/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-5-S1	10/3/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-5-S1	10/3/2013	Ethyl Methanesulfonate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-5-S1	10/3/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-5-S1	10/3/2013	Ethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-5-S1	10/3/2013	Fluoranthene	590	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-5-S1	10/3/2013	Fluorene	40	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-5-S1	10/3/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-5-S1	10/3/2013	Hexachlorobutadiene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-5-S1	10/3/2013	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-5-S1	10/3/2013	Hexachloroethane	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-5-S1	10/3/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-5-S1	10/3/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-5-S1	10/3/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-5-S1	10/3/2013	Isobutyl Alcohol	98	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-5-S1	10/3/2013	Isodrin	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-5-S1	10/3/2013	Isophorone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-5-S1	10/3/2013	Isosafrole	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-5-S1	10/3/2013	Lead	16.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-5-S1	10/3/2013	Mercury	0.0331	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-5-S1	10/3/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-5-S1	10/3/2013	Methapyrilene	1800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-5-S1	10/3/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-5-S1	10/3/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-5-S1	10/3/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-5-S1	10/3/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-5-S1	10/3/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-5-S1	10/3/2013	Methyl Methanesulfonate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-5-S1	10/3/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-5-S1	10/3/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-5-S1	10/3/2013	Naphthalene	15	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-5-S1	10/3/2013	N-Dioctyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-5-S1	10/3/2013	Nickel	2.88	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-5-S1	10/3/2013	Nitrobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-5-S1	10/3/2013	N-Nitroso(Methyl)Ethylamine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-5-S1	10/3/2013	N-Nitrosodiethylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-5-S1	10/3/2013	N-Nitrosodimethylamine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-5-S1	10/3/2013	N-Nitroso-Di-N-Butylamine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-5-S1	10/3/2013	N-Nitrosodi-N-Propylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-5-S1	10/3/2013	N-Nitrosodiphenylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-5-S1	10/3/2013	N-Nitrosomorpholine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-5-S1	10/3/2013	N-Nitrosopiperidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-5-S1	10/3/2013	N-Nitrosopyrrolidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-5-S1	10/3/2013	O,O,O-Triethylphosphorothioate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-5-S1	10/3/2013	O-Toluidine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-5-S1	10/3/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-5-S1	10/3/2013	Pentachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-5-S1	10/3/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-5-S1	10/3/2013	Pentachloronitrobenzene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-5-S1	10/3/2013	Pentachlorophenol	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-5-S1	10/3/2013	Phenacetin	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-5-S1	10/3/2013	Phenanthrene	470	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-5-S1	10/3/2013	Phenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-5-S1	10/3/2013	Pronamide	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-5-S1	10/3/2013	Propionitrile	29	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-5-S1	10/3/2013	Propylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-5-S1	10/3/2013	Pyrene	500	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-5-S1	10/3/2013	Pyridine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-5-S1	10/3/2013	Safrole	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-5-S1	10/3/2013	Selenium	0.263	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-5-S1	10/3/2013	Silver	0.184	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-5-S1	10/3/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-5-S1	10/3/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-5-S1	10/3/2013	Tetraethyl Dithiopyrophosphate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-5-S1	10/3/2013	Thallium	0.155	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-5-S1	10/3/2013	Thionazin	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-5-S1	10/3/2013	Tin	1.87	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-5-S1	10/3/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-5-S1	10/3/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-5-S1	10/3/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-5-S1	10/3/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-5-S1	10/3/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-5-S1	10/3/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-5-S1	10/3/2013	Triethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-5-S1	10/3/2013	Vanadium	16.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-5-S1	10/3/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-5-S1	10/3/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-5-S1	10/3/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-5-S1	10/3/2013	Zinc	24.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-6-S1	10/3/2013	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-6-S1	10/3/2013	1,1,1-Trichloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-6-S1	10/3/2013	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-6-S1	10/3/2013	1,1,2-Trichloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-6-S1	10/3/2013	1,1-Dichloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-6-S1	10/3/2013	1,1-Dichloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-6-S1	10/3/2013	1,2,3-Trichloropropane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-6-S1	10/3/2013	1,2,4,5-Tetrachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-6-S1	10/3/2013	1,2,4-Trichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-6-S1	10/3/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-6-S1	10/3/2013	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-6-S1	10/3/2013	1,2-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-6-S1	10/3/2013	1,2-Dichloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-6-S1	10/3/2013	1,2-Dichloropropane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-6-S1	10/3/2013	1,2-Diphenylhydrazine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-6-S1	10/3/2013	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-6-S1	10/3/2013	1,3-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-6-S1	10/3/2013	1,3-Dinitrobenzene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-6-S1	10/3/2013	1,4-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-6-S1	10/3/2013	1,4-Dioxane	5.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-6-S1	10/3/2013	1,4-Naphthoquinone	910	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-6-S1	10/3/2013	1-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-6-S1	10/3/2013	2,3,4,6-Tetrachlorophenol	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-6-S1	10/3/2013	2,4,5-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S1	10/3/2013	2,4,6-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-6-S1	10/3/2013	2,4-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-6-S1	10/3/2013	2,4-Dimethylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-6-S1	10/3/2013	2,4-Dinitrophenol	330	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-6-S1	10/3/2013	2,4-Dinitrotoluene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-6-S1	10/3/2013	2,6-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-6-S1	10/3/2013	2,6-Dinitrotoluene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-6-S1	10/3/2013	2-Acetylaminofluorene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-6-S1	10/3/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-6-S1	10/3/2013	2-Chlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-6-S1	10/3/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-6-S1	10/3/2013	2-Methylnaphthalene	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-6-S1	10/3/2013	2-Methylphenol (O-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S1	10/3/2013	2-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-6-S1	10/3/2013	2-Nitroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-6-S1	10/3/2013	2-Nitrophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-6-S1	10/3/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-6-S1	10/3/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-6-S1	10/3/2013	3,3'-Dimethylbenzidine	550	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-6-S1	10/3/2013	3-Methylcholanthrene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-6-S1	10/3/2013	3-Nitroaniline	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-6-S1	10/3/2013	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-6-S1	10/3/2013	4-Aminobiphenyl	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-6-S1	10/3/2013	4-Bromophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-6-S1	10/3/2013	4-Chloro-3-Methylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S1	10/3/2013	4-Chloroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-6-S1	10/3/2013	4-Chlorophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-6-S1	10/3/2013	4-Dimethylaminoazobenzene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-6-S1	10/3/2013	4-Methylphenol (P-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S1	10/3/2013	4-Nitroaniline	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-6-S1	10/3/2013	4-Nitrophenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-6-S1	10/3/2013	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-6-S1	10/3/2013	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-6-S1	10/3/2013	7,12-Dimethylbenz[A]Anthracene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-6-S1	10/3/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-6-S1	10/3/2013	Acenaphthylene	7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-6-S1	10/3/2013	Acetone	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-6-S1	10/3/2013	Acetonitrile	24	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-6-S1	10/3/2013	Acetophenone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-6-S1	10/3/2013	Acrolein	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-6-S1	10/3/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-6-S1	10/3/2013	Allyl Chloride	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-6-S1	10/3/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-6-S1	10/3/2013	Aniline	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-6-S1	10/3/2013	Anthracene	11	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-6-S1	10/3/2013	Antimony	0.796	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-6-S1	10/3/2013	Aramite	73	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-6-S1	10/3/2013	Arsenic	1.71	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-6-S1	10/3/2013	Barium	14.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-6-S1	10/3/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-6-S1	10/3/2013	Benzo(A)Anthracene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-6-S1	10/3/2013	Benzo(B)Fluoranthene	160	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-6-S1	10/3/2013	Benzo(G,H,I)Perylene	54	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-6-S1	10/3/2013	Benzo(K)Fluoranthene	70	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-6-S1	10/3/2013	Benzo[A]Pyrene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-6-S1	10/3/2013	Benzyl Alcohol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S1	10/3/2013	Beryllium	0.105	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-6-S1	10/3/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-6-S1	10/3/2013	Bis(2-Chloroethoxy)Methane	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-6-S1	10/3/2013	Bis(2-Chloroethyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-6-S1	10/3/2013	Bis(2-Chloroisopropyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-6-S1	10/3/2013	Bis(2-Ethylhexyl)Phthalate	110	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-6-S1	10/3/2013	Bromodichloromethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-6-S1	10/3/2013	Bromoform	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-6-S1	10/3/2013	Butyl Benzyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-6-S1	10/3/2013	Cadmium	0.0817	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-6-S1	10/3/2013	Carbon Disulfide	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-6-S1	10/3/2013	Carbon Tetrachloride	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-6-S1	10/3/2013	Chlorobenzene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-6-S1	10/3/2013	Chlorobenzilate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-6-S1	10/3/2013	Chlorodibromomethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-6-S1	10/3/2013	Chloroform	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-6-S1	10/3/2013	Chloroprene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-6-S1	10/3/2013	Chromium	11.9	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-6-S1	10/3/2013	Chrysene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-6-S1	10/3/2013	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-6-S1	10/3/2013	cis-1,3-Dichloropropene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-6-S1	10/3/2013	Cobalt	0.414	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-6-S1	10/3/2013	Copper	1.27	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-6-S1	10/3/2013	Diallate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-6-S1	10/3/2013	Dibenz(A,H)Anthracene	18	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-6-S1	10/3/2013	Dibenzofuran	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-6-S1	10/3/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-6-S1	10/3/2013	Diethyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-6-S1	10/3/2013	Diethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-6-S1	10/3/2013	Dimethoate	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-6-S1	10/3/2013	Dimethyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-6-S1	10/3/2013	Di-N-Butyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S1	10/3/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-6-S1	10/3/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-6-S1	10/3/2013	Ethyl Methacrylate	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-6-S1	10/3/2013	Ethyl Methanesulfonate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-6-S1	10/3/2013	Ethylbenzene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-6-S1	10/3/2013	Ethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-6-S1	10/3/2013	Fluoranthene	100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-6-S1	10/3/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-6-S1	10/3/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-6-S1	10/3/2013	Hexachlorobutadiene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-6-S1	10/3/2013	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-6-S1	10/3/2013	Hexachloroethane	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-6-S1	10/3/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-6-S1	10/3/2013	Indeno (1,2,3-CD) Pyrene	58	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-6-S1	10/3/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-6-S1	10/3/2013	Isobutyl Alcohol	94	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-6-S1	10/3/2013	Isodrin	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-6-S1	10/3/2013	Isophorone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-6-S1	10/3/2013	Isosafrole	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-6-S1	10/3/2013	Lead	7.25	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-6-S1	10/3/2013	Mercury	0.0268	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-6-S1	10/3/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-6-S1	10/3/2013	Methapyrilene	1800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-6-S1	10/3/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-6-S1	10/3/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-6-S1	10/3/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-6-S1	10/3/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-6-S1	10/3/2013	Methyl Methacrylate	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-6-S1	10/3/2013	Methyl Methanesulfonate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-6-S1	10/3/2013	Methylene Bromide	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-6-S1	10/3/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-6-S1	10/3/2013	Naphthalene	7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-6-S1	10/3/2013	N-Dioctyl Phthalate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-6-S1	10/3/2013	Nickel	1.63	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-6-S1	10/3/2013	Nitrobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-6-S1	10/3/2013	N-Nitroso(Methyl)Ethylamine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-6-S1	10/3/2013	N-Nitrosodiethylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-6-S1	10/3/2013	N-Nitrosodimethylamine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-6-S1	10/3/2013	N-Nitroso-Di-N-Butylamine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-6-S1	10/3/2013	N-Nitrosodi-N-Propylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-6-S1	10/3/2013	N-Nitrosodiphenylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-6-S1	10/3/2013	N-Nitrosomorpholine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-6-S1	10/3/2013	N-Nitrosopiperidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-6-S1	10/3/2013	N-Nitrosopyrrolidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-6-S1	10/3/2013	O,O,O-Triethylphosphorothioate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-6-S1	10/3/2013	O-Toluidine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-6-S1	10/3/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-6-S1	10/3/2013	Pentachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-6-S1	10/3/2013	Pentachloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-6-S1	10/3/2013	Pentachloronitrobenzene	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-6-S1	10/3/2013	Pentachlorophenol	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-6-S1	10/3/2013	Phenacetin	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-6-S1	10/3/2013	Phenanthrene	22	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-6-S1	10/3/2013	Phenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-6-S1	10/3/2013	Pronamide	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-6-S1	10/3/2013	Propionitrile	28	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-6-S1	10/3/2013	Propylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-6-S1	10/3/2013	Pyrene	110	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-6-S1	10/3/2013	Pyridine	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-6-S1	10/3/2013	Safrole	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-6-S1	10/3/2013	Selenium	0.235	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-6-S1	10/3/2013	Silver	0.183	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-6-S1	10/3/2013	Styrene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-6-S1	10/3/2013	Tetrachloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-6-S1	10/3/2013	Tetraethyl Dithiopyrophosphate	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-6-S1	10/3/2013	Thallium	0.0785	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-6-S1	10/3/2013	Thionazin	73	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-6-S1	10/3/2013	Tin	1.6	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-6-S1	10/3/2013	Toluene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-6-S1	10/3/2013	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-6-S1	10/3/2013	trans-1,3-Dichloropropene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-6-S1	10/3/2013	trans-1,4-Dichlorobutene-2	9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-6-S1	10/3/2013	Trichloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-6-S1	10/3/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-6-S1	10/3/2013	Triethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-6-S1	10/3/2013	Vanadium	19.8	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-6-S1	10/3/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-6-S1	10/3/2013	Vinyl Chloride	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-6-S1	10/3/2013	Xylenes	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-6-S1	10/3/2013	Zinc	5.09	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-7-S1	10/3/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-7-S1	10/3/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-7-S1	10/3/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-7-S1	10/3/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-7-S1	10/3/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-7-S1	10/3/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-7-S1	10/3/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-7-S1	10/3/2013	1,2,4,5-Tetrachlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-7-S1	10/3/2013	1,2,4-Trichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-7-S1	10/3/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-7-S1	10/3/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-7-S1	10/3/2013	1,2-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-7-S1	10/3/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-7-S1	10/3/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-7-S1	10/3/2013	1,2-Diphenylhydrazine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-7-S1	10/3/2013	1,3,5-Trinitrobenzene	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-7-S1	10/3/2013	1,3-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-7-S1	10/3/2013	1,3-Dinitrobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-7-S1	10/3/2013	1,4-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-7-S1	10/3/2013	1,4-Dioxane	9.3	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-7-S1	10/3/2013	1,4-Naphthoquinone	960	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-7-S1	10/3/2013	1-Naphthylamine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-7-S1	10/3/2013	2,3,4,6-Tetrachlorophenol	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-7-S1	10/3/2013	2,4,5-Trichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S1	10/3/2013	2,4,6-Trichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-7-S1	10/3/2013	2,4-Dichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-7-S1	10/3/2013	2,4-Dimethylphenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-7-S1	10/3/2013	2,4-Dinitrophenol	350	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-7-S1	10/3/2013	2,4-Dinitrotoluene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-7-S1	10/3/2013	2,6-Dichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-7-S1	10/3/2013	2,6-Dinitrotoluene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-7-S1	10/3/2013	2-Acetylaminofluorene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-7-S1	10/3/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-7-S1	10/3/2013	2-Chlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-7-S1	10/3/2013	2-Hexanone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-7-S1	10/3/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-7-S1	10/3/2013	2-Methylphenol (O-Cresol)	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S1	10/3/2013	2-Naphthylamine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-7-S1	10/3/2013	2-Nitroaniline	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-7-S1	10/3/2013	2-Nitrophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-7-S1	10/3/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-7-S1	10/3/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-7-S1	10/3/2013	3,3'-Dimethylbenzidine	580	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-7-S1	10/3/2013	3-Methylcholanthrene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-7-S1	10/3/2013	3-Nitroaniline	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-7-S1	10/3/2013	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-7-S1	10/3/2013	4-Aminobiphenyl	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-7-S1	10/3/2013	4-Bromophenyl Phenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-7-S1	10/3/2013	4-Chloro-3-Methylphenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S1	10/3/2013	4-Chloroaniline	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-7-S1	10/3/2013	4-Chlorophenyl Phenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-7-S1	10/3/2013	4-Dimethylaminoazobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-7-S1	10/3/2013	4-Methylphenol (P-Cresol)	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S1	10/3/2013	4-Nitroaniline	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-7-S1	10/3/2013	4-Nitrophenol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-7-S1	10/3/2013	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-7-S1	10/3/2013	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-7-S1	10/3/2013	7,12-Dimethylbenz[A]Anthracene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-7-S1	10/3/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-7-S1	10/3/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-7-S1	10/3/2013	Acetone	24	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-7-S1	10/3/2013	Acetonitrile	32	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-7-S1	10/3/2013	Acetophenone	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-7-S1	10/3/2013	Acrolein	26	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-7-S1	10/3/2013	Acrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-7-S1	10/3/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-7-S1	10/3/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-7-S1	10/3/2013	Aniline	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-7-S1	10/3/2013	Anthracene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-7-S1	10/3/2013	Antimony	0.841	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-7-S1	10/3/2013	Aramite	77	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-7-S1	10/3/2013	Barium	22.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-7-S1	10/3/2013	Benzene	0.6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-7-S1	10/3/2013	Benzo(A)Anthracene	34	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-7-S1	10/3/2013	Benzo(B)Fluoranthene	61	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-7-S1	10/3/2013	Benzo(G,H,I)Perylene	32	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-7-S1	10/3/2013	Benzo(K)Fluoranthene	22	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-7-S1	10/3/2013	Arsenic	2.44	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-7-S1	10/3/2013	Benzo[A]Pyrene	47	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-7-S1	10/3/2013	Benzyl Alcohol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S1	10/3/2013	Beryllium	0.182	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-7-S1	10/3/2013	Biphenyl	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-7-S1	10/3/2013	Bis(2-Chloroethoxy)Methane	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-7-S1	10/3/2013	Bis(2-Chloroethyl)Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-7-S1	10/3/2013	Bis(2-Chloroisopropyl)Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-7-S1	10/3/2013	Bis(2-Ethylhexyl)Phthalate	94	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-7-S1	10/3/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-7-S1	10/3/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-7-S1	10/3/2013	Butyl Benzyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-7-S1	10/3/2013	Cadmium	0.531	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-7-S1	10/3/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-7-S1	10/3/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-7-S1	10/3/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-7-S1	10/3/2013	Chlorobenzilate	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-7-S1	10/3/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-7-S1	10/3/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-7-S1	10/3/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-7-S1	10/3/2013	Chromium	14.5	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-7-S1	10/3/2013	Chrysene	44	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-7-S1	10/3/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-7-S1	10/3/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-7-S1	10/3/2013	Cobalt	0.754	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-7-S1	10/3/2013	Copper	3.31	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-7-S1	10/3/2013	Diallate	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-7-S1	10/3/2013	Dibenz(A,H)Anthracene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-7-S1	10/3/2013	Dibenzofuran	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-7-S1	10/3/2013	Dichlorodifluoromethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-7-S1	10/3/2013	Diethyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-7-S1	10/3/2013	Diethylene Glycol	5800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-7-S1	10/3/2013	Dimethoate	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-7-S1	10/3/2013	Dimethyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-7-S1	10/3/2013	Di-N-Butyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S1	10/3/2013	Diphenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-7-S1	10/3/2013	Ethyl Chloride	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-7-S1	10/3/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-7-S1	10/3/2013	Ethyl Methanesulfonate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-7-S1	10/3/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-7-S1	10/3/2013	Ethylene Glycol	5800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-7-S1	10/3/2013	Fluoranthene	71	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-7-S1	10/3/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-7-S1	10/3/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-7-S1	10/3/2013	Hexachlorobutadiene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-7-S1	10/3/2013	Hexachlorocyclopentadiene	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-7-S1	10/3/2013	Hexachloroethane	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-7-S1	10/3/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-7-S1	10/3/2013	Indeno (1,2,3-CD) Pyrene	22	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-7-S1	10/3/2013	Iodomethane	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-7-S1	10/3/2013	Isobutyl Alcohol	130	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-7-S1	10/3/2013	Isodrin	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-7-S1	10/3/2013	Isophorone	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-7-S1	10/3/2013	Isosafrole	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-7-S1	10/3/2013	Lead	38.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-7-S1	10/3/2013	Mercury	0.0402	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-7-S1	10/3/2013	Methacrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-7-S1	10/3/2013	Methapyrilene	1900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-7-S1	10/3/2013	Methyl Bromide	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-7-S1	10/3/2013	Methyl Chloride	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-7-S1	10/3/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-7-S1	10/3/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-7-S1	10/3/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-7-S1	10/3/2013	Methyl Methanesulfonate	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-7-S1	10/3/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-7-S1	10/3/2013	Methylene Chloride	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-7-S1	10/3/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-7-S1	10/3/2013	N-Dioctyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-7-S1	10/3/2013	Nickel	3.39	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-7-S1	10/3/2013	Nitrobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-7-S1	10/3/2013	N-Nitroso(Methyl)Ethylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-7-S1	10/3/2013	N-Nitrosodiethylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-7-S1	10/3/2013	N-Nitrosodimethylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-7-S1	10/3/2013	N-Nitroso-Di-N-Butylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-7-S1	10/3/2013	N-Nitrosodi-N-Propylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-7-S1	10/3/2013	N-Nitrosodiphenylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-7-S1	10/3/2013	N-Nitrosomorpholine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-7-S1	10/3/2013	N-Nitrosopiperidine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-7-S1	10/3/2013	N-Nitrosopyrrolidine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-7-S1	10/3/2013	O,O,O-Triethylphosphorothioate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-7-S1	10/3/2013	O-Toluidine	230	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-7-S1	10/3/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-7-S1	10/3/2013	Pentachlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-7-S1	10/3/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-7-S1	10/3/2013	Pentachloronitrobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-7-S1	10/3/2013	Pentachlorophenol	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-7-S1	10/3/2013	Phenacetin	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-7-S1	10/3/2013	Phenanthrene	26	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-7-S1	10/3/2013	Phenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-7-S1	10/3/2013	Pronamide	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-7-S1	10/3/2013	Propionitrile	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-7-S1	10/3/2013	Propylene Glycol	5800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-7-S1	10/3/2013	Pyrene	65	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-7-S1	10/3/2013	Pyridine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-7-S1	10/3/2013	Safrole	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-7-S1	10/3/2013	Selenium	0.247	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-7-S1	10/3/2013	Silver	0.193	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-7-S1	10/3/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-7-S1	10/3/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-7-S1	10/3/2013	Tetraethyl Dithiopyrophosphate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-7-S1	10/3/2013	Thallium	0.112	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-7-S1	10/3/2013	Thionazin	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-7-S1	10/3/2013	Tin	1.89	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-7-S1	10/3/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-7-S1	10/3/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-7-S1	10/3/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-7-S1	10/3/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-7-S1	10/3/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-7-S1	10/3/2013	Trichlorofluoromethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-7-S1	10/3/2013	Triethylene Glycol	5800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-7-S1	10/3/2013	Vanadium	16.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-7-S1	10/3/2013	Vinyl Acetate	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-7-S1	10/3/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-7-S1	10/3/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-7-S1	10/3/2013	Zinc	43.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-1-S1	10/4/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-1-S1	10/4/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-1-S1	10/4/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-1-S1	10/4/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-1-S1	10/4/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-1-S1	10/4/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-1-S1	10/4/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-1-S1	10/4/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-1-S1	10/4/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S1	10/4/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S1	10/4/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-1-S1	10/4/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-1-S1	10/4/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-1-S1	10/4/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-1-S1	10/4/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-1-S1	10/4/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-1-S1	10/4/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-1-S1	10/4/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-1-S1	10/4/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-1-S1	10/4/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-1-S1	10/4/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-1-S1	10/4/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-1-S1	10/4/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-1-S1	10/4/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-1-S1	10/4/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S1	10/4/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S1	10/4/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-1-S1	10/4/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-1-S1	10/4/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S1	10/4/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S1	10/4/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-1-S1	10/4/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-1-S1	10/4/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S1	10/4/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S1	10/4/2013	1,3-Dinitrobenzene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-1-S1	10/4/2013	1,3-Dinitrobenzene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-1-S1	10/4/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-1-S1	10/4/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-1-S1	10/4/2013	1,4-Dioxane	5.6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S1	10/4/2013	1,4-Dioxane	6.2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S1	10/4/2013	1,4-Naphthoquinone	990	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-1-S1	10/4/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-1-S1	10/4/2013	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-1-S1	10/4/2013	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-1-S1	10/4/2013	2,3,4,6-Tetrachlorophenol	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-1-S1	10/4/2013	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-1-S1	10/4/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-1-S1	10/4/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-1-S1	10/4/2013	2,4-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-1-S1	10/4/2013	2,4-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-1-S1	10/4/2013	2,4-Dimethylphenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-1-S1	10/4/2013	2,4-Dimethylphenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-1-S1	10/4/2013	2,4-Dinitrophenol	360	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-1-S1	10/4/2013	2,4-Dinitrophenol	360	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-1-S1	10/4/2013	2,4-Dinitrotoluene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-1-S1	10/4/2013	2,4-Dinitrotoluene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-1-S1	10/4/2013	2,6-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-1-S1	10/4/2013	2,6-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-1-S1	10/4/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S1	10/4/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S1	10/4/2013	2-Acetylaminofluorene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-1-S1	10/4/2013	2-Acetylaminofluorene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-1-S1	10/4/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-1-S1	10/4/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-1-S1	10/4/2013	2-Chlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-1-S1	10/4/2013	2-Chlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-1-S1	10/4/2013	2-Hexanone	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-1-S1	10/4/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-1-S1	10/4/2013	2-Methylnaphthalene	18	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-1-S1	10/4/2013	2-Methylnaphthalene	24	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-1-S1	10/4/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	2-Naphthylamine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-1-S1	10/4/2013	2-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-1-S1	10/4/2013	2-Nitroaniline	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-1-S1	10/4/2013	2-Nitroaniline	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-1-S1	10/4/2013	2-Nitrophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-1-S1	10/4/2013	2-Nitrophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-1-S1	10/4/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-1-S1	10/4/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-1-S1	10/4/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-1-S1	10/4/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-1-S1	10/4/2013	3,3'-Dimethylbenzidine	590	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-1-S1	10/4/2013	3,3'-Dimethylbenzidine	600	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-1-S1	10/4/2013	3-Methylcholanthrene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-1-S1	10/4/2013	3-Methylcholanthrene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-1-S1	10/4/2013	3-Nitroaniline	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-1-S1	10/4/2013	3-Nitroaniline	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-1-S1	10/4/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-1-S1	10/4/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S1	10/4/2013	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-1-S1	10/4/2013	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-1-S1	10/4/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S1	10/4/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S1	10/4/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	4-Chloroaniline	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-1-S1	10/4/2013	4-Chloroaniline	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-1-S1	10/4/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-1-S1	10/4/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-1-S1	10/4/2013	4-Dimethylaminoazobenzene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-1-S1	10/4/2013	4-Dimethylaminoazobenzene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-1-S1	10/4/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	4-Nitroaniline	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-1-S1	10/4/2013	4-Nitroaniline	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-1-S1	10/4/2013	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S1	10/4/2013	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S1	10/4/2013	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-1-S1	10/4/2013	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-1-S1	10/4/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-1-S1	10/4/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-1-S1	10/4/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-1-S1	10/4/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-1-S1	10/4/2013	Acenaphthene	7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-1-S1	10/4/2013	Acenaphthene	11	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-1-S1	10/4/2013	Acenaphthylene	46	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-1-S1	10/4/2013	Acenaphthylene	49	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-1-S1	10/4/2013	Acetaldehyde	1200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-1-S1	10/4/2013	Acetaldehyde	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-1-S1	10/4/2013	Acetone	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S1	10/4/2013	Acetone	11	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S1	10/4/2013	Acetonitrile	29	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S1	10/4/2013	Acetonitrile	33	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S1	10/4/2013	Acetophenone	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-1-S1	10/4/2013	Acetophenone	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-1-S1	10/4/2013	Acrolein	23	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-1-S1	10/4/2013	Acrolein	27	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-1-S1	10/4/2013	Acrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S1	10/4/2013	Acrylonitrile	5	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S1	10/4/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-1-S1	10/4/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-1-S1	10/4/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-1-S1	10/4/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-1-S1	10/4/2013	Aniline	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-1-S1	10/4/2013	Aniline	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-1-S1	10/4/2013	Anthracene	60	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-1-S1	10/4/2013	Anthracene	57	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-1-S1	10/4/2013	Antimony	0.879	MG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-1-S1	10/4/2013	Antimony	1.93	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-1-S1	10/4/2013	Aramite	79	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-1-S1	10/4/2013	Aramite	80	UG/KG	U	UJ		N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-1-S1	10/4/2013	Barium	29.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-1-S1	10/4/2013	Barium	26.6	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-1-S1	10/4/2013	Benzene	0.6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-1-S1	10/4/2013	Benzene	0.7	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-1-S1	10/4/2013	Benzo(A)Anthracene	180	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S1	10/4/2013	Benzo(A)Anthracene	170	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S1	10/4/2013	Benzo(B)Fluoranthene	400	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S1	10/4/2013	Benzo(B)Fluoranthene	340	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S1	10/4/2013	Benzo(G,H,I)Perylene	140	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-1-S1	10/4/2013	Benzo(G,H,I)Perylene	140	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S1	10/4/2013	Benzo(K)Fluoranthene	160	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-1-S1	10/4/2013	Benzo(K)Fluoranthene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-1-S1	10/4/2013	Benzo[A]Pyrene	180	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-1-S1	10/4/2013	Benzo[A]Pyrene	170	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-1-S1	10/4/2013	Arsenic	3.91	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-1-S1	10/4/2013	Arsenic	3.79	MG/KG			Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-1-S1	10/4/2013	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	Beryllium	0.114	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-1-S1	10/4/2013	Beryllium	0.132	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-1-S1	10/4/2013	Biphenyl	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-1-S1	10/4/2013	Biphenyl	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-1-S1	10/4/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-1-S1	10/4/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-1-S1	10/4/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-1-S1	10/4/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-1-S1	10/4/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-1-S1	10/4/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-1-S1	10/4/2013	Bis(2-Ethylhexyl)Phthalate	85	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-1-S1	10/4/2013	Bis(2-Ethylhexyl)Phthalate	140	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-1-S1	10/4/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-1-S1	10/4/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-1-S1	10/4/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-1-S1	10/4/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-1-S1	10/4/2013	Butyl Benzyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-1-S1	10/4/2013	Butyl Benzyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-1-S1	10/4/2013	Cadmium	0.265	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-1-S1	10/4/2013	Cadmium	0.222	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-1-S1	10/4/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S1	10/4/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S1	10/4/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-1-S1	10/4/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-1-S1	10/4/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-1-S1	10/4/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-1-S1	10/4/2013	Chlorobenzilate	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-1-S1	10/4/2013	Chlorobenzilate	40	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-1-S1	10/4/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-1-S1	10/4/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-1-S1	10/4/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-1-S1	10/4/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-1-S1	10/4/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-1-S1	10/4/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-1-S1	10/4/2013	Chromium	23.1	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-1-S1	10/4/2013	Chromium	19.8	MG/KG				Y	0-2 Feet	DUP	Soil	Site Background	42.7
SWMU14-TW-1-S1	10/4/2013	Chrysene	250	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-1-S1	10/4/2013	Chrysene	260	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-1-S1	10/4/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-1-S1	10/4/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-1-S1	10/4/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-1-S1	10/4/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-1-S1	10/4/2013	Cobalt	1.14	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-1-S1	10/4/2013	Cobalt	1.14	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-1-S1	10/4/2013	Copper	4.74	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-1-S1	10/4/2013	Copper	5.97	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-1-S1	10/4/2013	Diallate	40	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-1-S1	10/4/2013	Diallate	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-1-S1	10/4/2013	Dibenz(A,H)Anthracene	33	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-1-S1	10/4/2013	Dibenz(A,H)Anthracene	30	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-1-S1	10/4/2013	Dibenzofuran	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-1-S1	10/4/2013	Dibenzofuran	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-1-S1	10/4/2013	Dichlorodifluoromethane	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-1-S1	10/4/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S1	10/4/2013	Diethyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-1-S1	10/4/2013	Diethyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-1-S1	10/4/2013	Diethylene Glycol	6000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-1-S1	10/4/2013	Diethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-1-S1	10/4/2013	Dimethoate	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S1	10/4/2013	Dimethoate	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S1	10/4/2013	Dimethyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-1-S1	10/4/2013	Dimethyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-1-S1	10/4/2013	Di-N-Butyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	Di-N-Butyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S1	10/4/2013	Diphenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-1-S1	10/4/2013	Diphenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-1-S1	10/4/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-1-S1	10/4/2013	Ethyl Chloride	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-1-S1	10/4/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-1-S1	10/4/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-1-S1	10/4/2013	Ethyl Methanesulfonate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S1	10/4/2013	Ethyl Methanesulfonate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S1	10/4/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-1-S1	10/4/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-1-S1	10/4/2013	Ethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S1	10/4/2013	Ethylene Glycol	6000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S1	10/4/2013	Fluoranthene	380	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-1-S1	10/4/2013	Fluoranthene	400	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-1-S1	10/4/2013	Fluorene	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-1-S1	10/4/2013	Fluorene	11	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-1-S1	10/4/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-1-S1	10/4/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-1-S1	10/4/2013	Hexachlorobutadiene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-1-S1	10/4/2013	Hexachlorobutadiene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-1-S1	10/4/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S1	10/4/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S1	10/4/2013	Hexachloroethane	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-1-S1	10/4/2013	Hexachloroethane	40	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-1-S1	10/4/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-1-S1	10/4/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-1-S1	10/4/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S1	10/4/2013	Indeno (1,2,3-CD) Pyrene	110	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S1	10/4/2013	Iodomethane	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-1-S1	10/4/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-1-S1	10/4/2013	Isobutyl Alcohol	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-1-S1	10/4/2013	Isobutyl Alcohol	130	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-1-S1	10/4/2013	Isodrin	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-1-S1	10/4/2013	Isodrin	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-1-S1	10/4/2013	Isophorone	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-1-S1	10/4/2013	Isophorone	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-1-S1	10/4/2013	Isosafrole	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-1-S1	10/4/2013	Isosafrole	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-1-S1	10/4/2013	Lead	22.9	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-1-S1	10/4/2013	Lead	31.9	MG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-1-S1	10/4/2013	Mercury	0.0481	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-1-S1	10/4/2013	Mercury	0.0316	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-1-S1	10/4/2013	Methacrylonitrile	7	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-1-S1	10/4/2013	Methacrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-1-S1	10/4/2013	Methapyrilene	2000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-1-S1	10/4/2013	Methapyrilene	2000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-1-S1	10/4/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-1-S1	10/4/2013	Methyl Bromide	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-1-S1	10/4/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-1-S1	10/4/2013	Methyl Chloride	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-1-S1	10/4/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-1-S1	10/4/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S1	10/4/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-1-S1	10/4/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-1-S1	10/4/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-1-S1	10/4/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-1-S1	10/4/2013	Methyl Methanesulfonate	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S1	10/4/2013	Methyl Methanesulfonate	40	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S1	10/4/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-1-S1	10/4/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-1-S1	10/4/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-1-S1	10/4/2013	Methylene Chloride	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-1-S1	10/4/2013	Naphthalene	17	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-1-S1	10/4/2013	Naphthalene	26	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-1-S1	10/4/2013	N-Dioctyl Phthalate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-1-S1	10/4/2013	N-Dioctyl Phthalate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-1-S1	10/4/2013	Nickel	5.92	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-1-S1	10/4/2013	Nickel	7.04	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-1-S1	10/4/2013	Nitrobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S1	10/4/2013	Nitrobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S1	10/4/2013	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-1-S1	10/4/2013	N-Nitroso(Methyl)Ethylamine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-1-S1	10/4/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-1-S1	10/4/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-1-S1	10/4/2013	N-Nitrosodimethylamine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-1-S1	10/4/2013	N-Nitrosodimethylamine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-1-S1	10/4/2013	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-1-S1	10/4/2013	N-Nitroso-Di-N-Butylamine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-1-S1	10/4/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-1-S1	10/4/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-1-S1	10/4/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-1-S1	10/4/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-1-S1	10/4/2013	N-Nitrosomorpholine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-1-S1	10/4/2013	N-Nitrosomorpholine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-1-S1	10/4/2013	N-Nitrosopiperidine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-1-S1	10/4/2013	N-Nitrosopiperidine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-1-S1	10/4/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-1-S1	10/4/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-1-S1	10/4/2013	O,O,O-Triethylphosphorothioate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-1-S1	10/4/2013	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-1-S1	10/4/2013	O-Toluidine	240	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-1-S1	10/4/2013	O-Toluidine	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-1-S1	10/4/2013	para-Phenylenediamine	14000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-1-S1	10/4/2013	para-Phenylenediamine	14000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-1-S1	10/4/2013	Pentachlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-1-S1	10/4/2013	Pentachlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-1-S1	10/4/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-1-S1	10/4/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-1-S1	10/4/2013	Pentachloronitrobenzene	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-1-S1	10/4/2013	Pentachloronitrobenzene	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-1-S1	10/4/2013	Pentachlorophenol	40	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-1-S1	10/4/2013	Pentachlorophenol	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-1-S1	10/4/2013	Phenacetin	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-1-S1	10/4/2013	Phenacetin	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-1-S1	10/4/2013	Phenanthrene	110	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-1-S1	10/4/2013	Phenanthrene	81	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-1-S1	10/4/2013	Phenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-1-S1	10/4/2013	Phenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-1-S1	10/4/2013	Pronamide	40	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-1-S1	10/4/2013	Pronamide	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-1-S1	10/4/2013	Propionitrile	40	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-1-S1	10/4/2013	Propionitrile	34	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-1-S1	10/4/2013	Propylene Glycol	6000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S1	10/4/2013	Propylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S1	10/4/2013	Pyrene	370	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-1-S1	10/4/2013	Pyrene	390	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-1-S1	10/4/2013	Pyridine	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-1-S1	10/4/2013	Pyridine	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-1-S1	10/4/2013	Safrole	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-1-S1	10/4/2013	Safrole	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-1-S1	10/4/2013	Selenium	0.453	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S1	10/4/2013	Selenium	0.395	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S1	10/4/2013	Silver	0.197	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S1	10/4/2013	Silver	0.202	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S1	10/4/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-1-S1	10/4/2013	Styrene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-1-S1	10/4/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-1-S1	10/4/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-1-S1	10/4/2013	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-1-S1	10/4/2013	Tetraethyl Dithiopyrophosphate	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-1-S1	10/4/2013	Thallium	0.125	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-1-S1	10/4/2013	Thallium	0.152	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-1-S1	10/4/2013	Thionazin	79	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-1-S1	10/4/2013	Thionazin	80	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-1-S1	10/4/2013	Tin	2.2	MG/KG	J	B		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-1-S1	10/4/2013	Tin	2.32	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-1-S1	10/4/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-1-S1	10/4/2013	Toluene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-1-S1	10/4/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-1-S1	10/4/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-1-S1	10/4/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-1-S1	10/4/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-1-S1	10/4/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-1-S1	10/4/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-1-S1	10/4/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-1-S1	10/4/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-1-S1	10/4/2013	Trichlorofluoromethane	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-1-S1	10/4/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-1-S1	10/4/2013	Triethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-1-S1	10/4/2013	Triethylene Glycol	6000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-1-S1	10/4/2013	Vanadium	24.5	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S1	10/4/2013	Vanadium	33	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S1	10/4/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-1-S1	10/4/2013	Vinyl Acetate	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-1-S1	10/4/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-1-S1	10/4/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-1-S1	10/4/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-1-S1	10/4/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-1-S1	10/4/2013	Zinc	26.7	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-1-S1	10/4/2013	Zinc	22.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-2-S1	10/4/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-2-S1	10/4/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-2-S1	10/4/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-2-S1	10/4/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-2-S1	10/4/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S1	10/4/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-2-S1	10/4/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-2-S1	10/4/2013	1,2,4,5-Tetrachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-2-S1	10/4/2013	1,2,4-Trichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-2-S1	10/4/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-2-S1	10/4/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-2-S1	10/4/2013	1,2-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-2-S1	10/4/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-2-S1	10/4/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-2-S1	10/4/2013	1,2-Diphenylhydrazine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-2-S1	10/4/2013	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S1	10/4/2013	1,3-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S1	10/4/2013	1,3-Dinitrobenzene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-2-S1	10/4/2013	1,4-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-2-S1	10/4/2013	1,4-Dioxane	5.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S1	10/4/2013	1,4-Naphthoquinone	920	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-2-S1	10/4/2013	1-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-2-S1	10/4/2013	2,3,4,6-Tetrachlorophenol	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-2-S1	10/4/2013	2,4,5-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S1	10/4/2013	2,4,6-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-2-S1	10/4/2013	2,4-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-2-S1	10/4/2013	2,4-Dimethylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-2-S1	10/4/2013	2,4-Dinitrophenol	330	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-2-S1	10/4/2013	2,4-Dinitrotoluene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-2-S1	10/4/2013	2,6-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-2-S1	10/4/2013	2,6-Dinitrotoluene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S1	10/4/2013	2-Acetylaminofluorene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-2-S1	10/4/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-2-S1	10/4/2013	2-Chlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-2-S1	10/4/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-2-S1	10/4/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-2-S1	10/4/2013	2-Methylphenol (O-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S1	10/4/2013	2-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-2-S1	10/4/2013	2-Nitroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-2-S1	10/4/2013	2-Nitrophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-2-S1	10/4/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-2-S1	10/4/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-2-S1	10/4/2013	3,3'-Dimethylbenzidine	550	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-2-S1	10/4/2013	3-Methylcholanthrene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-2-S1	10/4/2013	3-Nitroaniline	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-2-S1	10/4/2013	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-2-S1	10/4/2013	4-Aminobiphenyl	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-2-S1	10/4/2013	4-Bromophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-2-S1	10/4/2013	4-Chloro-3-Methylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S1	10/4/2013	4-Chloroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-2-S1	10/4/2013	4-Chlorophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-2-S1	10/4/2013	4-Dimethylaminoazobenzene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-2-S1	10/4/2013	4-Methylphenol (P-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S1	10/4/2013	4-Nitroaniline	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-2-S1	10/4/2013	4-Nitrophenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S1	10/4/2013	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-2-S1	10/4/2013	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-2-S1	10/4/2013	7,12-Dimethylbenz[A]Anthracene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-2-S1	10/4/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-2-S1	10/4/2013	Acenaphthylene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-2-S1	10/4/2013	Acetaldehyde	1100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-2-S1	10/4/2013	Acetone	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S1	10/4/2013	Acetonitrile	28	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S1	10/4/2013	Acetophenone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-2-S1	10/4/2013	Acrolein	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-2-S1	10/4/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S1	10/4/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-2-S1	10/4/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-2-S1	10/4/2013	Aniline	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-2-S1	10/4/2013	Anthracene	4	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-2-S1	10/4/2013	Antimony	6.41	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-2-S1	10/4/2013	Aramite	74	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-2-S1	10/4/2013	Arsenic	2.29	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-2-S1	10/4/2013	Barium	21.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-2-S1	10/4/2013	Benzene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-2-S1	10/4/2013	Benzo(A)Anthracene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-2-S1	10/4/2013	Benzo(B)Fluoranthene	17	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-2-S1	10/4/2013	Benzo(G,H,I)Perylene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S1	10/4/2013	Benzo(K)Fluoranthene	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-2-S1	10/4/2013	Benzo[A]Pyrene	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-2-S1	10/4/2013	Benzyl Alcohol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S1	10/4/2013	Beryllium	0.074	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-2-S1	10/4/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-2-S1	10/4/2013	Bis(2-Chloroethoxy)Methane	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-2-S1	10/4/2013	Bis(2-Chloroethyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-2-S1	10/4/2013	Bis(2-Chloroisopropyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-2-S1	10/4/2013	Bis(2-Ethylhexyl)Phthalate	97	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-2-S1	10/4/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-2-S1	10/4/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-2-S1	10/4/2013	Butyl Benzyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-2-S1	10/4/2013	Cadmium	0.219	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-2-S1	10/4/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S1	10/4/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-2-S1	10/4/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-2-S1	10/4/2013	Chlorobenzilate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-2-S1	10/4/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-2-S1	10/4/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-2-S1	10/4/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-2-S1	10/4/2013	Chromium	19.3	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-2-S1	10/4/2013	Chrysene	13	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-2-S1	10/4/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-2-S1	10/4/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-2-S1	10/4/2013	Cobalt	0.374	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-2-S1	10/4/2013	Copper	3.49	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-2-S1	10/4/2013	Diallate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-2-S1	10/4/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-2-S1	10/4/2013	Dibenzofuran	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-2-S1	10/4/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-2-S1	10/4/2013	Diethyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-2-S1	10/4/2013	Diethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-2-S1	10/4/2013	Dimethoate	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S1	10/4/2013	Dimethyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-2-S1	10/4/2013	Di-N-Butyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S1	10/4/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-2-S1	10/4/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-2-S1	10/4/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-2-S1	10/4/2013	Ethyl Methanesulfonate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S1	10/4/2013	Ethylbenzene	7	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-2-S1	10/4/2013	Ethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S1	10/4/2013	Fluoranthene	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-2-S1	10/4/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-2-S1	10/4/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-2-S1	10/4/2013	Hexachlorobutadiene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-2-S1	10/4/2013	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S1	10/4/2013	Hexachloroethane	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-2-S1	10/4/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-2-S1	10/4/2013	Indeno (1,2,3-CD) Pyrene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-2-S1	10/4/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-2-S1	10/4/2013	Isobutyl Alcohol	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-2-S1	10/4/2013	Isodrin	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-2-S1	10/4/2013	Isophorone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-2-S1	10/4/2013	Isosafrole	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-2-S1	10/4/2013	Lead	4.99	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-2-S1	10/4/2013	Mercury	0.0491	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-2-S1	10/4/2013	Methacrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-2-S1	10/4/2013	Methapyrilene	1800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-2-S1	10/4/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-2-S1	10/4/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-2-S1	10/4/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-2-S1	10/4/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S1	10/4/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-2-S1	10/4/2013	Methyl Methanesulfonate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S1	10/4/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-2-S1	10/4/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-2-S1	10/4/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-2-S1	10/4/2013	N-Dioctyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-2-S1	10/4/2013	Nickel	5.48	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-2-S1	10/4/2013	Nitrobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S1	10/4/2013	N-Nitroso(Methyl)Ethylamine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-2-S1	10/4/2013	N-Nitrosodiethylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-2-S1	10/4/2013	N-Nitrosodimethylamine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-2-S1	10/4/2013	N-Nitroso-Di-N-Butylamine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-2-S1	10/4/2013	N-Nitrosodi-N-Propylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-2-S1	10/4/2013	N-Nitrosodiphenylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-2-S1	10/4/2013	N-Nitrosomorpholine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-2-S1	10/4/2013	N-Nitrosopiperidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-2-S1	10/4/2013	N-Nitrosopyrrolidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-2-S1	10/4/2013	O,O,O-Triethylphosphorothioate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-2-S1	10/4/2013	O-Toluidine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-2-S1	10/4/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-2-S1	10/4/2013	Pentachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-2-S1	10/4/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-2-S1	10/4/2013	Pentachloronitrobenzene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-2-S1	10/4/2013	Pentachlorophenol	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-2-S1	10/4/2013	Phenacetin	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-2-S1	10/4/2013	Phenanthrene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-2-S1	10/4/2013	Phenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-2-S1	10/4/2013	Pronamide	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-2-S1	10/4/2013	Propionitrile	33	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-2-S1	10/4/2013	Propylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S1	10/4/2013	Pyrene	13	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-2-S1	10/4/2013	Pyridine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-2-S1	10/4/2013	Safrole	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-2-S1	10/4/2013	Selenium	0.223	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S1	10/4/2013	Silver	0.188	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S1	10/4/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-2-S1	10/4/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-2-S1	10/4/2013	Tetraethyl Dithiopyrophosphate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-2-S1	10/4/2013	Thallium	0.0717	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-2-S1	10/4/2013	Thionazin	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-2-S1	10/4/2013	Tin	1.6	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-2-S1	10/4/2013	Toluene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-2-S1	10/4/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-2-S1	10/4/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-2-S1	10/4/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-2-S1	10/4/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-2-S1	10/4/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-2-S1	10/4/2013	Triethylene Glycol	5500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-2-S1	10/4/2013	Vanadium	10.6	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S1	10/4/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-2-S1	10/4/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-2-S1	10/4/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-2-S1	10/4/2013	Zinc	24.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-3-S1	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-3-S1	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-3-S1	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-3-S1	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-3-S1	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S1	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-3-S1	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-3-S1	10/8/2013	1,2,4,5-Tetrachlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-3-S1	10/8/2013	1,2,4-Trichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S1	10/8/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-3-S1	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-3-S1	10/8/2013	1,2-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-3-S1	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S1	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-3-S1	10/8/2013	1,2-Diphenylhydrazine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S1	10/8/2013	1,3,5-Trinitrobenzene	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-3-S1	10/8/2013	1,3-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S1	10/8/2013	1,3-Dinitrobenzene	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-3-S1	10/8/2013	1,4-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-3-S1	10/8/2013	1,4-Dioxane	5.2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S1	10/8/2013	1,4-Naphthoquinone	940	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-3-S1	10/8/2013	1-Naphthylamine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-3-S1	10/8/2013	2,3,4,6-Tetrachlorophenol	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-3-S1	10/8/2013	2,4,5-Trichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S1	10/8/2013	2,4,6-Trichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-3-S1	10/8/2013	2,4-Dichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-3-S1	10/8/2013	2,4-Dimethylphenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-3-S1	10/8/2013	2,4-Dinitrophenol	340	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-3-S1	10/8/2013	2,4-Dinitrotoluene	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-3-S1	10/8/2013	2,6-Dichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-3-S1	10/8/2013	2,6-Dinitrotoluene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S1	10/8/2013	2-Acetylaminofluorene	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-3-S1	10/8/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-3-S1	10/8/2013	2-Chlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-3-S1	10/8/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-3-S1	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-3-S1	10/8/2013	2-Methylphenol (O-Cresol)	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S1	10/8/2013	2-Naphthylamine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-3-S1	10/8/2013	2-Nitroaniline	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-3-S1	10/8/2013	2-Nitrophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-3-S1	10/8/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-3-S1	10/8/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-3-S1	10/8/2013	3,3'-Dimethylbenzidine	570	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-3-S1	10/8/2013	3-Methylcholanthrene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-3-S1	10/8/2013	3-Nitroaniline	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-3-S1	10/8/2013	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-3-S1	10/8/2013	4-Aminobiphenyl	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-3-S1	10/8/2013	4-Bromophenyl Phenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S1	10/8/2013	4-Chloro-3-Methylphenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S1	10/8/2013	4-Chloroaniline	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-3-S1	10/8/2013	4-Chlorophenyl Phenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-3-S1	10/8/2013	4-Dimethylaminoazobenzene	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-3-S1	10/8/2013	4-Methylphenol (P-Cresol)	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S1	10/8/2013	4-Nitroaniline	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-3-S1	10/8/2013	4-Nitrophenol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S1	10/8/2013	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-3-S1	10/8/2013	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-3-S1	10/8/2013	7,12-Dimethylbenz[A]Anthracene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-3-S1	10/8/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-3-S1	10/8/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-3-S1	10/8/2013	Acetaldehyde	1200	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-3-S1	10/8/2013	Acetone	23	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S1	10/8/2013	Acetonitrile	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S1	10/8/2013	Acetophenone	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-3-S1	10/8/2013	Acrolein	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-3-S1	10/8/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S1	10/8/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-3-S1	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-3-S1	10/8/2013	Aniline	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-3-S1	10/8/2013	Anthracene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-3-S1	10/8/2013	Antimony	0.813	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S1	10/8/2013	Aramite	75	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-3-S1	10/8/2013	Arsenic	1.21	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-3-S1	10/8/2013	Barium	40.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-3-S1	10/8/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-3-S1	10/8/2013	Benzo(A)Anthracene	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-3-S1	10/8/2013	Benzo(B)Fluoranthene	19	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-3-S1	10/8/2013	Benzo(G,H,I)Perylene	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-3-S1	10/8/2013	Benzo(K)Fluoranthene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-3-S1	10/8/2013	Benzo[A]Pyrene	10	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-3-S1	10/8/2013	Benzyl Alcohol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S1	10/8/2013	Beryllium	0.101	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-3-S1	10/8/2013	Biphenyl	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-3-S1	10/8/2013	Bis(2-Chloroethoxy)Methane	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-3-S1	10/8/2013	Bis(2-Chloroethyl)Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-3-S1	10/8/2013	Bis(2-Chloroisopropyl)Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-3-S1	10/8/2013	Bis(2-Ethylhexyl)Phthalate	190	UG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-3-S1	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-3-S1	10/8/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-3-S1	10/8/2013	Butyl Benzyl Phthalate	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-3-S1	10/8/2013	Cadmium	0.0835	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-3-S1	10/8/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S1	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-3-S1	10/8/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-3-S1	10/8/2013	Chlorobenzilate	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-3-S1	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-3-S1	10/8/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-3-S1	10/8/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-3-S1	10/8/2013	Chromium	9.24	MG/KG		J		Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-3-S1	10/8/2013	Chrysene	17	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-3-S1	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-3-S1	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-3-S1	10/8/2013	Cobalt	0.231	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-3-S1	10/8/2013	Copper	1.5	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-3-S1	10/8/2013	Diallate	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-3-S1	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-3-S1	10/8/2013	Dibenzofuran	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-3-S1	10/8/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-3-S1	10/8/2013	Diethyl Phthalate	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-3-S1	10/8/2013	Diethylene Glycol	5700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-3-S1	10/8/2013	Dimethoate	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S1	10/8/2013	Dimethyl Phthalate	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-3-S1	10/8/2013	Di-N-Butyl Phthalate	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S1	10/8/2013	Diphenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-3-S1	10/8/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-3-S1	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-3-S1	10/8/2013	Ethyl Methanesulfonate	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S1	10/8/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-3-S1	10/8/2013	Ethylene Glycol	5700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S1	10/8/2013	Fluoranthene	26	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-3-S1	10/8/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-3-S1	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-3-S1	10/8/2013	Hexachlorobutadiene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-3-S1	10/8/2013	Hexachlorocyclopentadiene	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S1	10/8/2013	Hexachloroethane	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-3-S1	10/8/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-3-S1	10/8/2013	Indeno (1,2,3-CD) Pyrene	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-3-S1	10/8/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-3-S1	10/8/2013	Isobutyl Alcohol	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-3-S1	10/8/2013	Isodrin	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-3-S1	10/8/2013	Isophorone	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-3-S1	10/8/2013	Isosafrole	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-3-S1	10/8/2013	Lead	11.2	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S1	10/8/2013	Mercury	0.0307	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-3-S1	10/8/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-3-S1	10/8/2013	Methapyrilene	1900	UG/KG	U	R		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-3-S1	10/8/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-3-S1	10/8/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-3-S1	10/8/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-3-S1	10/8/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-3-S1	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-3-S1	10/8/2013	Methyl Methanesulfonate	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S1	10/8/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-3-S1	10/8/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-3-S1	10/8/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-3-S1	10/8/2013	N-Dioctyl Phthalate	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-3-S1	10/8/2013	Nickel	2.02	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-3-S1	10/8/2013	Nitrobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S1	10/8/2013	N-Nitroso(Methyl)Ethylamine	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-3-S1	10/8/2013	N-Nitrosodiethylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-3-S1	10/8/2013	N-Nitrosodimethylamine	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-3-S1	10/8/2013	N-Nitroso-Di-N-Butylamine	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-3-S1	10/8/2013	N-Nitrosodi-N-Propylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-3-S1	10/8/2013	N-Nitrosodiphenylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-3-S1	10/8/2013	N-Nitrosomorpholine	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-3-S1	10/8/2013	N-Nitrosopiperidine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-3-S1	10/8/2013	N-Nitrosopyrrolidine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-3-S1	10/8/2013	O,O,O-Triethylphosphorothioate	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-3-S1	10/8/2013	O-Toluidine	230	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-3-S1	10/8/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-3-S1	10/8/2013	Pentachlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-3-S1	10/8/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-3-S1	10/8/2013	Pentachloronitrobenzene	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-3-S1	10/8/2013	Pentachlorophenol	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-3-S1	10/8/2013	Phenacetin	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-3-S1	10/8/2013	Phenanthrene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-3-S1	10/8/2013	Phenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-3-S1	10/8/2013	Pronamide	38	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-3-S1	10/8/2013	Propionitrile	30	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-3-S1	10/8/2013	Propylene Glycol	5700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S1	10/8/2013	Pyrene	22	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-3-S1	10/8/2013	Pyridine	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-3-S1	10/8/2013	Safrole	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-3-S1	10/8/2013	Selenium	0.11	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-3-S1	10/8/2013	Silver	0.187	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-3-S1	10/8/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-3-S1	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-3-S1	10/8/2013	Tetraethyl Dithiopyrophosphate	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-3-S1	10/8/2013	Thallium	0.0655	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-3-S1	10/8/2013	Thionazin	75	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-3-S1	10/8/2013	Tin	1.84	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-3-S1	10/8/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-3-S1	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-3-S1	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-3-S1	10/8/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-3-S1	10/8/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-3-S1	10/8/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-3-S1	10/8/2013	Triethylene Glycol	5700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-3-S1	10/8/2013	Vanadium	12.3	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-3-S1	10/8/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-3-S1	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-3-S1	10/8/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-3-S1	10/8/2013	Zinc	8.98	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-4-S1	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-4-S1	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S1	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-4-S1	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-4-S1	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S1	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-4-S1	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-4-S1	10/8/2013	1,2,4,5-Tetrachlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-4-S1	10/8/2013	1,2,4-Trichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-4-S1	10/8/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-4-S1	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-4-S1	10/8/2013	1,2-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-4-S1	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S1	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-4-S1	10/8/2013	1,2-Diphenylhydrazine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S1	10/8/2013	1,3,5-Trinitrobenzene	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-4-S1	10/8/2013	1,3-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S1	10/8/2013	1,3-Dinitrobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-4-S1	10/8/2013	1,4-Dichlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-4-S1	10/8/2013	1,4-Dioxane	4.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S1	10/8/2013	1,4-Naphthoquinone	970	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-4-S1	10/8/2013	1-Naphthylamine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-4-S1	10/8/2013	2,3,4,6-Tetrachlorophenol	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-4-S1	10/8/2013	2,4,5-Trichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S1	10/8/2013	2,4,6-Trichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-4-S1	10/8/2013	2,4-Dichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-4-S1	10/8/2013	2,4-Dimethylphenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-4-S1	10/8/2013	2,4-Dinitrophenol	350	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-4-S1	10/8/2013	2,4-Dinitrotoluene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-4-S1	10/8/2013	2,6-Dichlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-4-S1	10/8/2013	2,6-Dinitrotoluene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S1	10/8/2013	2-Acetylaminofluorene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-4-S1	10/8/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-4-S1	10/8/2013	2-Chlorophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-4-S1	10/8/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-4-S1	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-4-S1	10/8/2013	2-Methylphenol (O-Cresol)	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S1	10/8/2013	2-Naphthylamine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-4-S1	10/8/2013	2-Nitroaniline	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-4-S1	10/8/2013	2-Nitrophenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-4-S1	10/8/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-4-S1	10/8/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-4-S1	10/8/2013	3,3'-Dimethylbenzidine	580	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-4-S1	10/8/2013	3-Methylcholanthrene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-4-S1	10/8/2013	3-Nitroaniline	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-4-S1	10/8/2013	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-4-S1	10/8/2013	4-Aminobiphenyl	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-4-S1	10/8/2013	4-Bromophenyl Phenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S1	10/8/2013	4-Chloro-3-Methylphenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S1	10/8/2013	4-Chloroaniline	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-4-S1	10/8/2013	4-Chlorophenyl Phenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-4-S1	10/8/2013	4-Dimethylaminoazobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-4-S1	10/8/2013	4-Methylphenol (P-Cresol)	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S1	10/8/2013	4-Nitroaniline	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-4-S1	10/8/2013	4-Nitrophenol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S1	10/8/2013	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-4-S1	10/8/2013	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-4-S1	10/8/2013	7,12-Dimethylbenz[A]Anthracene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-4-S1	10/8/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-4-S1	10/8/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-4-S1	10/8/2013	Acetaldehyde	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-4-S1	10/8/2013	Acetone	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-4-S1	10/8/2013	Acetonitrile	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S1	10/8/2013	Acetophenone	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S1	10/8/2013	Acrolein	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-4-S1	10/8/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S1	10/8/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-4-S1	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-4-S1	10/8/2013	Aniline	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-4-S1	10/8/2013	Anthracene	4	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-4-S1	10/8/2013	Antimony	0.862	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-4-S1	10/8/2013	Aramite	77	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-4-S1	10/8/2013	Arsenic	2.36	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-4-S1	10/8/2013	Barium	18	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-4-S1	10/8/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-4-S1	10/8/2013	Benzo(A)Anthracene	11	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S1	10/8/2013	Benzo(B)Fluoranthene	18	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S1	10/8/2013	Benzo(G,H,I)Perylene	7	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-4-S1	10/8/2013	Benzo(K)Fluoranthene	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-4-S1	10/8/2013	Benzo[A]Pyrene	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-4-S1	10/8/2013	Benzyl Alcohol	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S1	10/8/2013	Beryllium	0.17	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-4-S1	10/8/2013	Biphenyl	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-4-S1	10/8/2013	Bis(2-Chloroethoxy)Methane	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-4-S1	10/8/2013	Bis(2-Chloroethyl)Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-4-S1	10/8/2013	Bis(2-Chloroisopropyl)Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-4-S1	10/8/2013	Bis(2-Ethylhexyl)Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-4-S1	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-4-S1	10/8/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-4-S1	10/8/2013	Butyl Benzyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-4-S1	10/8/2013	Cadmium	0.0885	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-4-S1	10/8/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S1	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-4-S1	10/8/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-4-S1	10/8/2013	Chlorobenzilate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-4-S1	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-4-S1	10/8/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-4-S1	10/8/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-4-S1	10/8/2013	Chromium	18.1	MG/KG		J		Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-4-S1	10/8/2013	Chrysene	20	UG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-4-S1	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-4-S1	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-4-S1	10/8/2013	Cobalt	0.439	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-4-S1	10/8/2013	Copper	1.91	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-4-S1	10/8/2013	Diallate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-4-S1	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-4-S1	10/8/2013	Dibenzofuran	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-4-S1	10/8/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-4-S1	10/8/2013	Diethyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-4-S1	10/8/2013	Diethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-4-S1	10/8/2013	Dimethoate	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S1	10/8/2013	Dimethyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-4-S1	10/8/2013	Di-N-Butyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S1	10/8/2013	Diphenyl Ether	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-4-S1	10/8/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-4-S1	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-4-S1	10/8/2013	Ethyl Methanesulfonate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S1	10/8/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-4-S1	10/8/2013	Ethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-4-S1	10/8/2013	Fluoranthene	45	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-4-S1	10/8/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-4-S1	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-4-S1	10/8/2013	Hexachlorobutadiene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-4-S1	10/8/2013	Hexachlorocyclopentadiene	190	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S1	10/8/2013	Hexachloroethane	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-4-S1	10/8/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S1	10/8/2013	Indeno (1,2,3-CD) Pyrene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S1	10/8/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-4-S1	10/8/2013	Isobutyl Alcohol	99	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-4-S1	10/8/2013	Isodrin	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-4-S1	10/8/2013	Isophorone	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-4-S1	10/8/2013	Isosafrole	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-4-S1	10/8/2013	Lead	15	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-4-S1	10/8/2013	Mercury	0.0658	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-4-S1	10/8/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-4-S1	10/8/2013	Methapyrilene	1900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-4-S1	10/8/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-4-S1	10/8/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-4-S1	10/8/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-4-S1	10/8/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-4-S1	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-4-S1	10/8/2013	Methyl Methanesulfonate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S1	10/8/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-4-S1	10/8/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-4-S1	10/8/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-4-S1	10/8/2013	N-Dioctyl Phthalate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-4-S1	10/8/2013	Nickel	2.11	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-4-S1	10/8/2013	Nitrobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S1	10/8/2013	N-Nitroso(Methyl)Ethylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-4-S1	10/8/2013	N-Nitrosodiethylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-4-S1	10/8/2013	N-Nitrosodimethylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-4-S1	10/8/2013	N-Nitroso-Di-N-Butylamine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-4-S1	10/8/2013	N-Nitrosodi-N-Propylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-4-S1	10/8/2013	N-Nitrosodiphenylamine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-4-S1	10/8/2013	N-Nitrosomorpholine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-4-S1	10/8/2013	N-Nitrosopiperidine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-4-S1	10/8/2013	N-Nitrosopyrrolidine	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-4-S1	10/8/2013	O,O,O-Triethylphosphorothioate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-4-S1	10/8/2013	O-Toluidine	230	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-4-S1	10/8/2013	para-Phenylenediamine	14000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-4-S1	10/8/2013	Pentachlorobenzene	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-4-S1	10/8/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-4-S1	10/8/2013	Pentachloronitrobenzene	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-4-S1	10/8/2013	Pentachlorophenol	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-4-S1	10/8/2013	Phenacetin	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-4-S1	10/8/2013	Phenanthrene	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-4-S1	10/8/2013	Phenol	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-4-S1	10/8/2013	Pronamide	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-4-S1	10/8/2013	Propionitrile	30	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-4-S1	10/8/2013	Propylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-4-S1	10/8/2013	Pyrene	39	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-4-S1	10/8/2013	Pyridine	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-4-S1	10/8/2013	Safrole	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-4-S1	10/8/2013	Selenium	0.219	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S1	10/8/2013	Silver	0.198	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S1	10/8/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-4-S1	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-4-S1	10/8/2013	Tetraethyl Dithiopyrophosphate	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-4-S1	10/8/2013	Thallium	0.104	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-4-S1	10/8/2013	Thionazin	77	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-4-S1	10/8/2013	Tin	1.96	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-4-S1	10/8/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-4-S1	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-4-S1	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-4-S1	10/8/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-4-S1	10/8/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-4-S1	10/8/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-4-S1	10/8/2013	Triethylene Glycol	5900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S1	10/8/2013	Vanadium	18.9	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S1	10/8/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-4-S1	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-4-S1	10/8/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-4-S1	10/8/2013	Zinc	7.16	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-5-S1	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-5-S1	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-5-S1	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-5-S1	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-5-S1	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S1	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-5-S1	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-5-S1	10/8/2013	1,2,4,5-Tetrachlorobenzene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-5-S1	10/8/2013	1,2,4-Trichlorobenzene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-5-S1	10/8/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-5-S1	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-5-S1	10/8/2013	1,2-Dichlorobenzene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-5-S1	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S1	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-5-S1	10/8/2013	1,2-Diphenylhydrazine	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S1	10/8/2013	1,3,5-Trinitrobenzene	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-5-S1	10/8/2013	1,3-Dichlorobenzene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S1	10/8/2013	1,3-Dinitrobenzene	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-5-S1	10/8/2013	1,4-Dichlorobenzene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-5-S1	10/8/2013	1,4-Dioxane	7.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S1	10/8/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-5-S1	10/8/2013	1-Naphthylamine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-5-S1	10/8/2013	2,3,4,6-Tetrachlorophenol	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-5-S1	10/8/2013	2,4,5-Trichlorophenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S1	10/8/2013	2,4,6-Trichlorophenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-5-S1	10/8/2013	2,4-Dichlorophenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-5-S1	10/8/2013	2,4-Dimethylphenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-5-S1	10/8/2013	2,4-Dinitrophenol	390	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-5-S1	10/8/2013	2,4-Dinitrotoluene	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-5-S1	10/8/2013	2,6-Dichlorophenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-5-S1	10/8/2013	2,6-Dinitrotoluene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S1	10/8/2013	2-Acetylaminofluorene	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-5-S1	10/8/2013	2-Chloronaphthalene	9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-5-S1	10/8/2013	2-Chlorophenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-5-S1	10/8/2013	2-Hexanone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-5-S1	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-5-S1	10/8/2013	2-Methylphenol (O-Cresol)	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S1	10/8/2013	2-Naphthylamine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-5-S1	10/8/2013	2-Nitroaniline	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-5-S1	10/8/2013	2-Nitrophenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-5-S1	10/8/2013	2-Picoline	130	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-5-S1	10/8/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-5-S1	10/8/2013	3,3'-Dimethylbenzidine	660	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-5-S1	10/8/2013	3-Methylcholanthrene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-5-S1	10/8/2013	3-Nitroaniline	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-5-S1	10/8/2013	4,6-Dinitro-2-Methylphenol	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-5-S1	10/8/2013	4-Aminobiphenyl	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-5-S1	10/8/2013	4-Bromophenyl Phenyl Ether	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S1	10/8/2013	4-Chloro-3-Methylphenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S1	10/8/2013	4-Chloroaniline	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-5-S1	10/8/2013	4-Chlorophenyl Phenyl Ether	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-5-S1	10/8/2013	4-Dimethylaminoazobenzene	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-5-S1	10/8/2013	4-Methylphenol (P-Cresol)	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S1	10/8/2013	4-Nitroaniline	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-5-S1	10/8/2013	4-Nitrophenol	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S1	10/8/2013	4-Nitroquinoline-N-Oxide	440	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-5-S1	10/8/2013	5-Nitro-Ortho-Toluidine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S1	10/8/2013	7,12-Dimethylbenz[A]Anthracene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-5-S1	10/8/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-5-S1	10/8/2013	Acenaphthylene	13	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-5-S1	10/8/2013	Acetaldehyde	1300	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-5-S1	10/8/2013	Acetone	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-5-S1	10/8/2013	Acetonitrile	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S1	10/8/2013	Acetophenone	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-5-S1	10/8/2013	Acrolein	30	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-5-S1	10/8/2013	Acrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S1	10/8/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-5-S1	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-5-S1	10/8/2013	Aniline	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-5-S1	10/8/2013	Anthracene	10	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-5-S1	10/8/2013	Antimony	0.967	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-5-S1	10/8/2013	Aramite	88	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-5-S1	10/8/2013	Barium	31.5	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-5-S1	10/8/2013	Benzene	1	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-5-S1	10/8/2013	Benzo(A)Anthracene	31	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S1	10/8/2013	Benzo(B)Fluoranthene	86	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S1	10/8/2013	Benzo(G,H,I)Perylene	31	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-5-S1	10/8/2013	Benzo(K)Fluoranthene	28	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-5-S1	10/8/2013	Benzo[A]Pyrene	48	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-5-S1	10/8/2013	Arsenic	3.32	MG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-5-S1	10/8/2013	Benzyl Alcohol	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S1	10/8/2013	Beryllium	0.249	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-5-S1	10/8/2013	Biphenyl	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-5-S1	10/8/2013	Bis(2-Chloroethoxy)Methane	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-5-S1	10/8/2013	Bis(2-Chloroethyl)Ether	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-5-S1	10/8/2013	Bis(2-Chloroisopropyl)Ether	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-5-S1	10/8/2013	Bis(2-Ethylhexyl)Phthalate	140	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-5-S1	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-5-S1	10/8/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-5-S1	10/8/2013	Butyl Benzyl Phthalate	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-5-S1	10/8/2013	Cadmium	0.259	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-5-S1	10/8/2013	Carbon Disulfide	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S1	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-5-S1	10/8/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-5-S1	10/8/2013	Chlorobenzilate	44	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-5-S1	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-5-S1	10/8/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-5-S1	10/8/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-5-S1	10/8/2013	Chromium	24.6	MG/KG		J		Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-5-S1	10/8/2013	Chrysene	41	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-5-S1	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-5-S1	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-5-S1	10/8/2013	Cobalt	0.639	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-5-S1	10/8/2013	Copper	3.57	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-5-S1	10/8/2013	Diallate	44	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-5-S1	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-5-S1	10/8/2013	Dibenzofuran	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-5-S1	10/8/2013	Dichlorodifluoromethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-5-S1	10/8/2013	Diethyl Phthalate	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-5-S1	10/8/2013	Diethylene Glycol	6600	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-5-S1	10/8/2013	Dimethoate	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S1	10/8/2013	Dimethyl Phthalate	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-5-S1	10/8/2013	Di-N-Butyl Phthalate	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S1	10/8/2013	Diphenyl Ether	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-5-S1	10/8/2013	Ethyl Chloride	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-5-S1	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-5-S1	10/8/2013	Ethyl Methanesulfonate	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S1	10/8/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-5-S1	10/8/2013	Ethylene Glycol	6600	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S1	10/8/2013	Fluoranthene	55	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-5-S1	10/8/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-5-S1	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-5-S1	10/8/2013	Hexachlorobutadiene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-5-S1	10/8/2013	Hexachlorocyclopentadiene	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S1	10/8/2013	Hexachloroethane	44	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-5-S1	10/8/2013	Hexachloropropylene	130	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-5-S1	10/8/2013	Indeno (1,2,3-CD) Pyrene	28	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S1	10/8/2013	Iodomethane	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-5-S1	10/8/2013	Isobutyl Alcohol	150	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-5-S1	10/8/2013	Isodrin	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-5-S1	10/8/2013	Isophorone	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-5-S1	10/8/2013	Isosafrole	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-5-S1	10/8/2013	Lead	22.3	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-5-S1	10/8/2013	Mercury	0.577	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-5-S1	10/8/2013	Methacrylonitrile	7	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-5-S1	10/8/2013	Methapyrilene	2200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-5-S1	10/8/2013	Methyl Bromide	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-5-S1	10/8/2013	Methyl Chloride	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-5-S1	10/8/2013	Methyl Ethyl Ketone	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-5-S1	10/8/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-5-S1	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-5-S1	10/8/2013	Methyl Methanesulfonate	44	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S1	10/8/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-5-S1	10/8/2013	Methylene Chloride	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-5-S1	10/8/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-5-S1	10/8/2013	N-Dioctyl Phthalate	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-5-S1	10/8/2013	Nickel	3.73	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-5-S1	10/8/2013	Nitrobenzene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S1	10/8/2013	N-Nitroso(Methyl)Ethylamine	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-5-S1	10/8/2013	N-Nitrosodiethylamine	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-5-S1	10/8/2013	N-Nitrosodimethylamine	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-5-S1	10/8/2013	N-Nitroso-Di-N-Butylamine	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-5-S1	10/8/2013	N-Nitrosodi-N-Propylamine	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-5-S1	10/8/2013	N-Nitrosodiphenylamine	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-5-S1	10/8/2013	N-Nitrosomorpholine	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-5-S1	10/8/2013	N-Nitrosopiperidine	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-5-S1	10/8/2013	N-Nitrosopyrrolidine	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-5-S1	10/8/2013	O,O,O-Triethylphosphorothioate	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-5-S1	10/8/2013	O-Toluidine	260	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-5-S1	10/8/2013	para-Phenylenediamine	15000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-5-S1	10/8/2013	Pentachlorobenzene	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-5-S1	10/8/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-5-S1	10/8/2013	Pentachloronitrobenzene	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-5-S1	10/8/2013	Pentachlorophenol	44	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-5-S1	10/8/2013	Phenacetin	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-5-S1	10/8/2013	Phenanthrene	11	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-5-S1	10/8/2013	Phenol	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-5-S1	10/8/2013	Pronamide	44	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-5-S1	10/8/2013	Propionitrile	44	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-5-S1	10/8/2013	Propylene Glycol	6600	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-5-S1	10/8/2013	Pyrene	66	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-5-S1	10/8/2013	Pyridine	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-5-S1	10/8/2013	Safrole	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-5-S1	10/8/2013	Selenium	0.328	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S1	10/8/2013	Silver	0.222	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S1	10/8/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-5-S1	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-5-S1	10/8/2013	Tetraethyl Dithiopyrophosphate	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-5-S1	10/8/2013	Thallium	0.161	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-5-S1	10/8/2013	Thionazin	88	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-5-S1	10/8/2013	Tin	2.62	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S1	10/8/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-5-S1	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-5-S1	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-5-S1	10/8/2013	trans-1,4-Dichlorobutene-2	15	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-5-S1	10/8/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-5-S1	10/8/2013	Trichlorofluoromethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-5-S1	10/8/2013	Triethylene Glycol	6600	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-5-S1	10/8/2013	Vanadium	25	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S1	10/8/2013	Vinyl Acetate	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-5-S1	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-5-S1	10/8/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-5-S1	10/8/2013	Zinc	32	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU24-05	4/12/2000	1,1,1-Trichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-05	4/12/2000	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-05	4/12/2000	1,1-Dichloroethane	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-05	4/12/2000	1,1-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-05	4/12/2000	1,4-Dioxane	750	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-05	4/12/2000	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-05	4/12/2000	2-Methylphenol (O-Cresol)	370	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-05	4/12/2000	4-Methylphenol (P-Cresol)	370	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-05	4/12/2000	Acetone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-05	4/12/2000	Benzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-05	4/12/2000	Benzoic Acid	1800	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-05	4/12/2000	Biphenyl	370	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-05	4/12/2000	Carbon Disulfide	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-05	4/12/2000	Carbon Tetrachloride	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-05	4/12/2000	Chloroform	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-05	4/12/2000	cis-1,2 Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-05	4/12/2000	Ethylbenzene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-05	4/12/2000	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-05	4/12/2000	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-05	4/12/2000	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-05	4/12/2000	Methylene Bromide	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-05	4/12/2000	Methylene Chloride	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-05	4/12/2000	Phenol	370	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-05	4/12/2000	Tetrachloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-05	4/12/2000	Toluene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-05	4/12/2000	trans-1,2-Dichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-05	4/12/2000	Trichloroethene	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-05	4/12/2000	Trichlorofluoromethane	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-05	4/12/2000	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-05	4/12/2000	Xylenes	5.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-06	4/12/2000	1,1,1-Trichloroethane	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-06	4/12/2000	1,1,2,2-Tetrachloroethane	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-06	4/12/2000	1,1-Dichloroethane	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-06	4/12/2000	1,1-Dichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-06	4/12/2000	1,4-Dioxane	860	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-06	4/12/2000	2-Hexanone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-06	4/12/2000	2-Methylphenol (O-Cresol)	430	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-06	4/12/2000	4-Methylphenol (P-Cresol)	430	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-06	4/12/2000	Acetone	42	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-06	4/12/2000	Benzene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-06	4/12/2000	Benzoic Acid	2100	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-06	4/12/2000	Biphenyl	430	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-06	4/12/2000	Carbon Disulfide	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-06	4/12/2000	Carbon Tetrachloride	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-06	4/12/2000	Chloroform	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-06	4/12/2000	cis-1,2 Dichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-06	4/12/2000	Ethylbenzene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-06	4/12/2000	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-06	4/12/2000	Methyl Ethyl Ketone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-06	4/12/2000	Methyl Isobutyl Ketone	26	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU24-06	4/12/2000	Methylene Bromide	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-06	4/12/2000	Methylene Chloride	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-06	4/12/2000	Phenol	430	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-06	4/12/2000	Tetrachloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-06	4/12/2000	Toluene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-06	4/12/2000	trans-1,2-Dichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-06	4/12/2000	Trichloroethene	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-06	4/12/2000	Trichlorofluoromethane	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-06	4/12/2000	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-06	4/12/2000	Xylenes	6.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-07	4/12/2000	1,1,1-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-07	4/12/2000	1,1,2,2-Tetrachloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-07	4/12/2000	1,1-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-07	4/12/2000	1,1-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-07	4/12/2000	1,4-Dioxane	790	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-07	4/12/2000	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-07	4/12/2000	2-Methylphenol (O-Cresol)	400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-07	4/12/2000	4-Methylphenol (P-Cresol)	400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-07	4/12/2000	Acetone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-07	4/12/2000	Benzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-07	4/12/2000	Benzoic Acid	1900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-07	4/12/2000	Biphenyl	400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-07	4/12/2000	Carbon Disulfide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-07	4/12/2000	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-07	4/12/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-07	4/12/2000	cis-1,2 Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-07	4/12/2000	Ethylbenzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-07	4/12/2000	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-07	4/12/2000	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-07	4/12/2000	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-07	4/12/2000	Methylene Bromide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-07	4/12/2000	Methylene Chloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-07	4/12/2000	Phenol	400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-07	4/12/2000	Tetrachloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-07	4/12/2000	Toluene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-07	4/12/2000	trans-1,2-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-07	4/12/2000	Trichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-07	4/12/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-07	4/12/2000	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-07	4/12/2000	Xylenes	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-08	4/12/2000	1,1,1-Trichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-08	4/12/2000	1,1,2,2-Tetrachloroethane	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-08	4/12/2000	1,1-Dichloroethane	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-08	4/12/2000	1,1-Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-08	4/12/2000	1,4-Dioxane	760	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-08	4/12/2000	2-Hexanone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-08	4/12/2000	2-Methylphenol (O-Cresol)	380	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-08	4/12/2000	4-Methylphenol (P-Cresol)	380	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-08	4/12/2000	Acetone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-08	4/12/2000	Benzene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-08	4/12/2000	Benzoic Acid	1800	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-08	4/12/2000	Biphenyl	380	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-08	4/12/2000	Carbon Disulfide	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-08	4/12/2000	Carbon Tetrachloride	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-08	4/12/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-08	4/12/2000	cis-1,2 Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-08	4/12/2000	Ethylbenzene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-08	4/12/2000	Ethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-08	4/12/2000	Methyl Ethyl Ketone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-08	4/12/2000	Methyl Isobutyl Ketone	23	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-08	4/12/2000	Methylene Bromide	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-08	4/12/2000	Methylene Chloride	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU24-08	4/12/2000	Phenol	380	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-08	4/12/2000	Tetrachloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-08	4/12/2000	Toluene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-08	4/12/2000	trans-1,2-Dichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-08	4/12/2000	Trichloroethene	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-08	4/12/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-08	4/12/2000	Triethylene Glycol	28000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-08	4/12/2000	Xylenes	5.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-09	4/12/2000	1,1,1-Trichloroethane	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-09	4/12/2000	1,1,2,2-Tetrachloroethane	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-09	4/12/2000	1,1-Dichloroethane	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-09	4/12/2000	1,1-Dichloroethene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-09	4/12/2000	1,4-Dioxane	1200	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-09	4/12/2000	2-Hexanone	36	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-09	4/12/2000	2-Methylphenol (O-Cresol)	590	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-09	4/12/2000	4-Methylphenol (P-Cresol)	590	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-09	4/12/2000	Acetone	170	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-09	4/12/2000	Benzene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-09	4/12/2000	Benzoic Acid	2800	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-09	4/12/2000	Biphenyl	590	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-09	4/12/2000	Carbon Disulfide	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-09	4/12/2000	Carbon Tetrachloride	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-09	4/12/2000	Chloroform	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-09	4/12/2000	cis-1,2 Dichloroethene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-09	4/12/2000	Ethylbenzene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-09	4/12/2000	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-09	4/12/2000	Methyl Ethyl Ketone	36	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-09	4/12/2000	Methyl Isobutyl Ketone	36	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-09	4/12/2000	Methylene Bromide	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-09	4/12/2000	Methylene Chloride	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-09	4/12/2000	Phenol	590	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-09	4/12/2000	Tetrachloroethene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-09	4/12/2000	Toluene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-09	4/12/2000	trans-1,2-Dichloroethene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-09	4/12/2000	Trichloroethene	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-09	4/12/2000	Trichlorofluoromethane	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-09	4/12/2000	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-09	4/12/2000	Xylenes	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-10	4/12/2000	1,1,1-Trichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-10	4/12/2000	1,1,2,2-Tetrachloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-10	4/12/2000	1,1-Dichloroethane	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-10	4/12/2000	1,1-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-10	4/12/2000	1,4-Dioxane	790	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-10	4/12/2000	2-Hexanone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-10	4/12/2000	2-Methylphenol (O-Cresol)	390	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-10	4/12/2000	4-Methylphenol (P-Cresol)	390	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-10	4/12/2000	Acetone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-10	4/12/2000	Benzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-10	4/12/2000	Benzoic Acid	1900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-10	4/12/2000	Biphenyl	390	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-10	4/12/2000	Carbon Disulfide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-10	4/12/2000	Carbon Tetrachloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-10	4/12/2000	Chloroform	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-10	4/12/2000	cis-1,2 Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-10	4/12/2000	Ethylbenzene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-10	4/12/2000	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-10	4/12/2000	Ethylene Glycol	30000	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-10	4/12/2000	Methyl Ethyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-10	4/12/2000	Methyl Isobutyl Ketone	24	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-10	4/12/2000	Methylene Bromide	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-10	4/12/2000	Methylene Chloride	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-10	4/12/2000	Phenol	390	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU24-10	4/12/2000	Tetrachloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-10	4/12/2000	Toluene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-10	4/12/2000	trans-1,2-Dichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-10	4/12/2000	Trichloroethene	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-10	4/12/2000	Trichlorofluoromethane	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-10	4/12/2000	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-10	4/12/2000	Triethylene Glycol	30000	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-10	4/12/2000	Xylenes	6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-11	4/17/2000	1,1,1-Trichloroethane	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-11	4/17/2000	1,1,2,2-Tetrachloroethane	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-11	4/17/2000	1,1-Dichloroethane	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-11	4/17/2000	1,1-Dichloroethene	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-11	4/17/2000	1,4-Dioxane	980	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-11	4/17/2000	2-Hexanone	1500	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-11	4/17/2000	2-Methylphenol (O-Cresol)	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-11	4/17/2000	4-Methylphenol (P-Cresol)	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-11	4/17/2000	Acetone	1500	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-11	4/17/2000	Benzene	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-11	4/17/2000	Benzoic Acid	2400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-11	4/17/2000	Biphenyl	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-11	4/17/2000	Carbon Disulfide	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-11	4/17/2000	Carbon Tetrachloride	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-11	4/17/2000	Chloroform	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-11	4/17/2000	cis-1,2 Dichloroethene	180	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-11	4/17/2000	Ethylbenzene	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-11	4/17/2000	Ethylene Glycol	36000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-11	4/17/2000	Methyl Ethyl Ketone	1500	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-11	4/17/2000	Methyl Isobutyl Ketone	1500	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-11	4/17/2000	Methylene Bromide	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-11	4/17/2000	Methylene Chloride	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-11	4/17/2000	Phenol	490	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-11	4/17/2000	Tetrachloroethene	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-11	4/17/2000	Toluene	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-11	4/17/2000	trans-1,2-Dichloroethene	180	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-11	4/17/2000	Trichloroethene	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-11	4/17/2000	Trichlorofluoromethane	740	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-11	4/17/2000	Triethylene Glycol	36000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-11	4/17/2000	Xylenes	370	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-12	4/17/2000	1,1,1-Trichloroethane	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-12	4/17/2000	1,1,2,2-Tetrachloroethane	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-12	4/17/2000	1,1-Dichloroethane	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-12	4/17/2000	1,1-Dichloroethene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-12	4/17/2000	1,4-Dioxane	790	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-12	4/17/2000	2-Hexanone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-12	4/17/2000	2-Methylphenol (O-Cresol)	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-12	4/17/2000	4-Methylphenol (P-Cresol)	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-12	4/17/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-12	4/17/2000	Benzene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-12	4/17/2000	Benzoic Acid	1900	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-12	4/17/2000	Biphenyl	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-12	4/17/2000	Carbon Disulfide	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-12	4/17/2000	Carbon Tetrachloride	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-12	4/17/2000	Chloroform	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-12	4/17/2000	cis-1,2 Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-12	4/17/2000	Ethylbenzene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-12	4/17/2000	Ethylene Glycol	31000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-12	4/17/2000	Methyl Ethyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-12	4/17/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-12	4/17/2000	Methylene Bromide	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-12	4/17/2000	Methylene Chloride	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-12	4/17/2000	Phenol	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-12	4/17/2000	Tetrachloroethene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU24-12	4/17/2000	Toluene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-12	4/17/2000	trans-1,2-Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-12	4/17/2000	Trichloroethene	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-12	4/17/2000	Trichlorofluoromethane	600	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-12	4/17/2000	Triethylene Glycol	31000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-12	4/17/2000	Xylenes	300	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-13	4/17/2000	1,1,1-Trichloroethane	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-13	4/17/2000	1,1,2,2-Tetrachloroethane	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-13	4/17/2000	1,1-Dichloroethane	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-13	4/17/2000	1,1-Dichloroethene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-13	4/17/2000	1,4-Dioxane	810	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-13	4/17/2000	2-Hexanone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-13	4/17/2000	2-Methylphenol (O-Cresol)	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-13	4/17/2000	4-Methylphenol (P-Cresol)	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-13	4/17/2000	Acetone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-13	4/17/2000	Benzene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-13	4/17/2000	Benzoic Acid	2000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-13	4/17/2000	Biphenyl	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-13	4/17/2000	Carbon Disulfide	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-13	4/17/2000	Carbon Tetrachloride	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-13	4/17/2000	Chloroform	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-13	4/17/2000	cis-1,2 Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-13	4/17/2000	Ethylbenzene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-13	4/17/2000	Ethylene Glycol	31000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-13	4/17/2000	Methyl Ethyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-13	4/17/2000	Methyl Isobutyl Ketone	1200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-13	4/17/2000	Methylene Bromide	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-13	4/17/2000	Methylene Chloride	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-13	4/17/2000	Phenol	400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-13	4/17/2000	Tetrachloroethene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-13	4/17/2000	Toluene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-13	4/17/2000	trans-1,2-Dichloroethene	150	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU24-13	4/17/2000	Trichloroethene	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-13	4/17/2000	Trichlorofluoromethane	610	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-13	4/17/2000	Triethylene Glycol	31000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-13	4/17/2000	Xylenes	310	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU24-14	4/17/2000	1,1,1-Trichloroethane	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU24-14	4/17/2000	1,1,2,2-Tetrachloroethane	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU24-14	4/17/2000	1,1-Dichloroethane	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-14	4/17/2000	1,1-Dichloroethene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU24-14	4/17/2000	1,4-Dioxane	890	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU24-14	4/17/2000	2-Hexanone	1400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU24-14	4/17/2000	2-Methylphenol (O-Cresol)	450	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-14	4/17/2000	4-Methylphenol (P-Cresol)	450	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU24-14	4/17/2000	Acetone	1400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-14	4/17/2000	Benzene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU24-14	4/17/2000	Benzoic Acid	2200	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+09
SWMU24-14	4/17/2000	Biphenyl	450	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU24-14	4/17/2000	Carbon Disulfide	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU24-14	4/17/2000	Carbon Tetrachloride	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU24-14	4/17/2000	Chloroform	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU24-14	4/17/2000	cis-1,2 Dichloroethene	170	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU24-14	4/17/2000	Ethylbenzene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU24-14	4/17/2000	Ethylene Glycol	34000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU24-14	4/17/2000	Methyl Ethyl Ketone	1400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU24-14	4/17/2000	Methyl Isobutyl Ketone	1400	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU24-14	4/17/2000	Methylene Bromide	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU24-14	4/17/2000	Methylene Chloride	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU24-14	4/17/2000	Phenol	450	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU24-14	4/17/2000	Tetrachloroethene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU24-14	4/17/2000	Toluene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU24-14	4/17/2000	trans-1,2-Dichloroethene	170	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU24-14	4/17/2000	Trichloroethene	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU24-14	4/17/2000	Trichlorofluoromethane	680	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU24-14	4/17/2000	Triethylene Glycol	34000	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU24-14	4/17/2000	Xylenes	340	UG/KG				N	0-0.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU32-01	4/10/2000	1,4-Dioxane	730	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU32-01	4/10/2000	Benzene	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU32-01	4/10/2000	Carbon Disulfide	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU32-01	4/10/2000	Naphthalene	370	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU32-01	4/10/2000	Toluene	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU32-01	4/10/2000	trans-1,2-Dichloroethene	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU32-01	4/10/2000	Vinyl Chloride	5.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU32-02	4/10/2000	1,4-Dioxane	820	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU32-02	4/10/2000	Benzene	6.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU32-02	4/10/2000	Carbon Disulfide	6.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU32-02	4/10/2000	Naphthalene	410	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU32-02	4/10/2000	Toluene	6.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU32-02	4/10/2000	trans-1,2-Dichloroethene	6.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU32-02	4/10/2000	Vinyl Chloride	6.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU51-TW-1-S1	9/30/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU51-TW-1-S1	9/30/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU51-TW-1-S1	9/30/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU51-TW-1-S1	9/30/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU51-TW-1-S1	9/30/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-1-S1	9/30/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU51-TW-1-S1	9/30/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU51-TW-1-S1	9/30/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU51-TW-1-S1	9/30/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU51-TW-1-S1	9/30/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU51-TW-1-S1	9/30/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU51-TW-1-S1	9/30/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU51-TW-1-S1	9/30/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-1-S1	9/30/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU51-TW-1-S1	9/30/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-1-S1	9/30/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU51-TW-1-S1	9/30/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-1-S1	9/30/2013	1,3-Dinitrobenzene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU51-TW-1-S1	9/30/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU51-TW-1-S1	9/30/2013	1,4-Dioxane	4.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-1-S1	9/30/2013	1,4-Naphthoquinone	980	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU51-TW-1-S1	9/30/2013	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU51-TW-1-S1	9/30/2013	2,3,4,6-Tetrachlorophenol	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU51-TW-1-S1	9/30/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S1	9/30/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU51-TW-1-S1	9/30/2013	2,4-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU51-TW-1-S1	9/30/2013	2,4-Dimethylphenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU51-TW-1-S1	9/30/2013	2,4-Dinitrophenol	350	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU51-TW-1-S1	9/30/2013	2,4-Dinitrotoluene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU51-TW-1-S1	9/30/2013	2,6-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU51-TW-1-S1	9/30/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-1-S1	9/30/2013	2-Acetylaminofluorene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU51-TW-1-S1	9/30/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU51-TW-1-S1	9/30/2013	2-Chlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU51-TW-1-S1	9/30/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU51-TW-1-S1	9/30/2013	2-Methylnaphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU51-TW-1-S1	9/30/2013	2-Methylnaphthalene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU51-TW-1-S1	9/30/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S1	9/30/2013	2-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU51-TW-1-S1	9/30/2013	2-Nitroaniline	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU51-TW-1-S1	9/30/2013	2-Nitrophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU51-TW-1-S1	9/30/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU51-TW-1-S1	9/30/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU51-TW-1-S1	9/30/2013	3,3'-Dimethylbenzidine	590	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-1-S1	9/30/2013	3-Methylcholanthrene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU51-TW-1-S1	9/30/2013	3-Nitroaniline	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU51-TW-1-S1	9/30/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU51-TW-1-S1	9/30/2013	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU51-TW-1-S1	9/30/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-1-S1	9/30/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S1	9/30/2013	4-Chloroaniline	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU51-TW-1-S1	9/30/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU51-TW-1-S1	9/30/2013	4-Dimethylaminoazobenzene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU51-TW-1-S1	9/30/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S1	9/30/2013	4-Nitroaniline	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU51-TW-1-S1	9/30/2013	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-1-S1	9/30/2013	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU51-TW-1-S1	9/30/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU51-TW-1-S1	9/30/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU51-TW-1-S1	9/30/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU51-TW-1-S1	9/30/2013	Acenaphthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU51-TW-1-S1	9/30/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU51-TW-1-S1	9/30/2013	Acenaphthylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU51-TW-1-S1	9/30/2013	Acetone	26	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU51-TW-1-S1	9/30/2013	Acetonitrile	24	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-1-S1	9/30/2013	Acetophenone	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU51-TW-1-S1	9/30/2013	Acrolein	19	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-1-S1	9/30/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-1-S1	9/30/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU51-TW-1-S1	9/30/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU51-TW-1-S1	9/30/2013	Aniline	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU51-TW-1-S1	9/30/2013	Anthracene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-1-S1	9/30/2013	Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-1-S1	9/30/2013	Aramite	78	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU51-TW-1-S1	9/30/2013	Benzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU51-TW-1-S1	9/30/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU51-TW-1-S1	9/30/2013	Benzo(A)Anthracene	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S1	9/30/2013	Benzo(A)Anthracene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S1	9/30/2013	Benzo(B)Fluoranthene	10	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S1	9/30/2013	Benzo(B)Fluoranthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S1	9/30/2013	Benzo(G,H,I)Perylene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU51-TW-1-S1	9/30/2013	Benzo(G,H,I)Perylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU51-TW-1-S1	9/30/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU51-TW-1-S1	9/30/2013	Benzo(K)Fluoranthene	6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU51-TW-1-S1	9/30/2013	Benzo[A]Pyrene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-1-S1	9/30/2013	Benzo[A]Pyrene	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-1-S1	9/30/2013	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S1	9/30/2013	Biphenyl	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU51-TW-1-S1	9/30/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU51-TW-1-S1	9/30/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU51-TW-1-S1	9/30/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU51-TW-1-S1	9/30/2013	Bis(2-Ethylhexyl)Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU51-TW-1-S1	9/30/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU51-TW-1-S1	9/30/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU51-TW-1-S1	9/30/2013	Butyl Benzyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU51-TW-1-S1	9/30/2013	C11 to C22 Aromatics	14	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-1-S1	9/30/2013	C19 to C36 Aliphatics	14	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU51-TW-1-S1	9/30/2013	C5 - C8 Aliphatic Hydrocarbons	6.38	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU51-TW-1-S1	9/30/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	6.38	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU51-TW-1-S1	9/30/2013	C9 through C10 Aromatic Hydrocarbons	6.38	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU51-TW-1-S1	9/30/2013	C9 through C12 Aliphatic Hydrocarbons	6.38	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-1-S1	9/30/2013	C9 to C18 Aliphatics	7.1	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-1-S1	9/30/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-1-S1	9/30/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU51-TW-1-S1	9/30/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU51-TW-1-S1	9/30/2013	Chlorobenzilate	39	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-1-S1	9/30/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU51-TW-1-S1	9/30/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU51-TW-1-S1	9/30/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU51-TW-1-S1	9/30/2013	Chrysene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU51-TW-1-S1	9/30/2013	Chrysene	10	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU51-TW-1-S1	9/30/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU51-TW-1-S1	9/30/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU51-TW-1-S1	9/30/2013	Diallate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU51-TW-1-S1	9/30/2013	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-1-S1	9/30/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-1-S1	9/30/2013	Dibenzofuran	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU51-TW-1-S1	9/30/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU51-TW-1-S1	9/30/2013	Diethyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU51-TW-1-S1	9/30/2013	Dimethoate	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-1-S1	9/30/2013	Dimethyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU51-TW-1-S1	9/30/2013	Di-N-Butyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S1	9/30/2013	Diphenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU51-TW-1-S1	9/30/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU51-TW-1-S1	9/30/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU51-TW-1-S1	9/30/2013	Ethyl Methanesulfonate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-1-S1	9/30/2013	Ethylbenzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU51-TW-1-S1	9/30/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU51-TW-1-S1	9/30/2013	Fluoranthene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-1-S1	9/30/2013	Fluoranthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-1-S1	9/30/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-1-S1	9/30/2013	Fluorene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-1-S1	9/30/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU51-TW-1-S1	9/30/2013	Hexachlorobutadiene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU51-TW-1-S1	9/30/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-1-S1	9/30/2013	Hexachloroethane	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU51-TW-1-S1	9/30/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU51-TW-1-S1	9/30/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S1	9/30/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S1	9/30/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU51-TW-1-S1	9/30/2013	Isobutyl Alcohol	95	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU51-TW-1-S1	9/30/2013	Isodrin	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU51-TW-1-S1	9/30/2013	Isophorone	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU51-TW-1-S1	9/30/2013	Isosafrole	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU51-TW-1-S1	9/30/2013	Meta- And Para-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU51-TW-1-S1	9/30/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-1-S1	9/30/2013	Methapyrilene	2000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU51-TW-1-S1	9/30/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU51-TW-1-S1	9/30/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU51-TW-1-S1	9/30/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU51-TW-1-S1	9/30/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-1-S1	9/30/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU51-TW-1-S1	9/30/2013	Methyl Methanesulfonate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-1-S1	9/30/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU51-TW-1-S1	9/30/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU51-TW-1-S1	9/30/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU51-TW-1-S1	9/30/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-1-S1	9/30/2013	Naphthalene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-1-S1	9/30/2013	Naphthalene	400	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-1-S1	9/30/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	6.38	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-1-S1	9/30/2013	N-Dioctyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU51-TW-1-S1	9/30/2013	Nitrobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-1-S1	9/30/2013	N-Nitroso(Methyl)Ethylamine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU51-TW-1-S1	9/30/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU51-TW-1-S1	9/30/2013	N-Nitrosodimethylamine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU51-TW-1-S1	9/30/2013	N-Nitroso-Di-N-Butylamine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU51-TW-1-S1	9/30/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU51-TW-1-S1	9/30/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-1-S1	9/30/2013	N-Nitrosomorpholine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU51-TW-1-S1	9/30/2013	N-Nitrosopiperidine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU51-TW-1-S1	9/30/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU51-TW-1-S1	9/30/2013	O,O,O-Triethylphosphorothioate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU51-TW-1-S1	9/30/2013	Ortho-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU51-TW-1-S1	9/30/2013	O-Toluidine	230	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU51-TW-1-S1	9/30/2013	para-Phenylenediamine	14000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU51-TW-1-S1	9/30/2013	Pentachlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU51-TW-1-S1	9/30/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU51-TW-1-S1	9/30/2013	Pentachloronitrobenzene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU51-TW-1-S1	9/30/2013	Pentachlorophenol	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU51-TW-1-S1	9/30/2013	Phenacetin	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU51-TW-1-S1	9/30/2013	Phenanthrene	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU51-TW-1-S1	9/30/2013	Phenanthrene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU51-TW-1-S1	9/30/2013	Phenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU51-TW-1-S1	9/30/2013	Pronamide	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU51-TW-1-S1	9/30/2013	Propionitrile	29	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU51-TW-1-S1	9/30/2013	Pyrene	470	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU51-TW-1-S1	9/30/2013	Pyrene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU51-TW-1-S1	9/30/2013	Pyridine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU51-TW-1-S1	9/30/2013	Safrole	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU51-TW-1-S1	9/30/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU51-TW-1-S1	9/30/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU51-TW-1-S1	9/30/2013	Tetraethyl Dithiopyrophosphate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU51-TW-1-S1	9/30/2013	Thionazin	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU51-TW-1-S1	9/30/2013	Toluene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-1-S1	9/30/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-1-S1	9/30/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU51-TW-1-S1	9/30/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU51-TW-1-S1	9/30/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU51-TW-1-S1	9/30/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU51-TW-1-S1	9/30/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU51-TW-1-S1	9/30/2013	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-1-S1	9/30/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-1-S1	9/30/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU51-TW-1-S1	9/30/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU51-TW-2-S1	9/30/2013	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU51-TW-2-S1	9/30/2013	1,1,1-Trichloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU51-TW-2-S1	9/30/2013	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU51-TW-2-S1	9/30/2013	1,1,2-Trichloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU51-TW-2-S1	9/30/2013	1,1-Dichloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-2-S1	9/30/2013	1,1-Dichloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU51-TW-2-S1	9/30/2013	1,2,3-Trichloropropane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU51-TW-2-S1	9/30/2013	1,2,4,5-Tetrachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU51-TW-2-S1	9/30/2013	1,2,4-Trichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU51-TW-2-S1	9/30/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU51-TW-2-S1	9/30/2013	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU51-TW-2-S1	9/30/2013	1,2-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU51-TW-2-S1	9/30/2013	1,2-Dichloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-2-S1	9/30/2013	1,2-Dichloropropane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU51-TW-2-S1	9/30/2013	1,2-Diphenylhydrazine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-2-S1	9/30/2013	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU51-TW-2-S1	9/30/2013	1,3-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-2-S1	9/30/2013	1,3-Dinitrobenzene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU51-TW-2-S1	9/30/2013	1,4-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU51-TW-2-S1	9/30/2013	1,4-Dioxane	4.3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-2-S1	9/30/2013	1,4-Naphthoquinone	920	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU51-TW-2-S1	9/30/2013	1-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU51-TW-2-S1	9/30/2013	2,3,4,6-Tetrachlorophenol	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU51-TW-2-S1	9/30/2013	2,4,5-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S1	9/30/2013	2,4,6-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU51-TW-2-S1	9/30/2013	2,4-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-2-S1	9/30/2013	2,4-Dimethylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU51-TW-2-S1	9/30/2013	2,4-Dinitrophenol	330	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU51-TW-2-S1	9/30/2013	2,4-Dinitrotoluene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU51-TW-2-S1	9/30/2013	2,6-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU51-TW-2-S1	9/30/2013	2,6-Dinitrotoluene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-2-S1	9/30/2013	2-Acetylaminofluorene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU51-TW-2-S1	9/30/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU51-TW-2-S1	9/30/2013	2-Chlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU51-TW-2-S1	9/30/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU51-TW-2-S1	9/30/2013	2-Methylnaphthalene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU51-TW-2-S1	9/30/2013	2-Methylnaphthalene	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU51-TW-2-S1	9/30/2013	2-Methylphenol (O-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S1	9/30/2013	2-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU51-TW-2-S1	9/30/2013	2-Nitroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU51-TW-2-S1	9/30/2013	2-Nitrophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU51-TW-2-S1	9/30/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU51-TW-2-S1	9/30/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU51-TW-2-S1	9/30/2013	3,3'-Dimethylbenzidine	550	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU51-TW-2-S1	9/30/2013	3-Methylcholanthrene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU51-TW-2-S1	9/30/2013	3-Nitroaniline	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU51-TW-2-S1	9/30/2013	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU51-TW-2-S1	9/30/2013	4-Aminobiphenyl	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU51-TW-2-S1	9/30/2013	4-Bromophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-2-S1	9/30/2013	4-Chloro-3-Methylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S1	9/30/2013	4-Chloroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU51-TW-2-S1	9/30/2013	4-Chlorophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU51-TW-2-S1	9/30/2013	4-Dimethylaminoazobenzene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU51-TW-2-S1	9/30/2013	4-Methylphenol (P-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S1	9/30/2013	4-Nitroaniline	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU51-TW-2-S1	9/30/2013	4-Nitrophenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-2-S1	9/30/2013	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU51-TW-2-S1	9/30/2013	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU51-TW-2-S1	9/30/2013	7,12-Dimethylbenz[A]Anthracene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU51-TW-2-S1	9/30/2013	Acenaphthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU51-TW-2-S1	9/30/2013	Acenaphthene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU51-TW-2-S1	9/30/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU51-TW-2-S1	9/30/2013	Acenaphthylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU51-TW-2-S1	9/30/2013	Acetone	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU51-TW-2-S1	9/30/2013	Acetonitrile	22	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-2-S1	9/30/2013	Acetophenone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU51-TW-2-S1	9/30/2013	Acrolein	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-2-S1	9/30/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-2-S1	9/30/2013	Allyl Chloride	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU51-TW-2-S1	9/30/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU51-TW-2-S1	9/30/2013	Aniline	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU51-TW-2-S1	9/30/2013	Anthracene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-2-S1	9/30/2013	Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-2-S1	9/30/2013	Aramite	74	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU51-TW-2-S1	9/30/2013	Benzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU51-TW-2-S1	9/30/2013	Benzene	0.4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU51-TW-2-S1	9/30/2013	Benzo(A)Anthracene	10	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S1	9/30/2013	Benzo(A)Anthracene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S1	9/30/2013	Benzo(B)Fluoranthene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S1	9/30/2013	Benzo(B)Fluoranthene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S1	9/30/2013	Benzo(G,H,I)Perylene	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU51-TW-2-S1	9/30/2013	Benzo(G,H,I)Perylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU51-TW-2-S1	9/30/2013	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU51-TW-2-S1	9/30/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU51-TW-2-S1	9/30/2013	Benzo[A]Pyrene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-2-S1	9/30/2013	Benzo[A]Pyrene	18	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-2-S1	9/30/2013	Benzyl Alcohol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S1	9/30/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-2-S1	9/30/2013	Bis(2-Chloroethoxy)Methane	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU51-TW-2-S1	9/30/2013	Bis(2-Chloroethyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU51-TW-2-S1	9/30/2013	Bis(2-Chloroisopropyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU51-TW-2-S1	9/30/2013	Bis(2-Ethylhexyl)Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU51-TW-2-S1	9/30/2013	Bromodichloromethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU51-TW-2-S1	9/30/2013	Bromoform	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU51-TW-2-S1	9/30/2013	Butyl Benzyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU51-TW-2-S1	9/30/2013	C11 to C22 Aromatics	13	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-2-S1	9/30/2013	C19 to C36 Aliphatics	13	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU51-TW-2-S1	9/30/2013	C5 - C8 Aliphatic Hydrocarbons	6.16	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU51-TW-2-S1	9/30/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	6.16	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU51-TW-2-S1	9/30/2013	C9 through C10 Aromatic Hydrocarbons	6.16	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU51-TW-2-S1	9/30/2013	C9 through C12 Aliphatic Hydrocarbons	6.16	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-2-S1	9/30/2013	C9 to C18 Aliphatics	6.6	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-2-S1	9/30/2013	Carbon Disulfide	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-2-S1	9/30/2013	Carbon Tetrachloride	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU51-TW-2-S1	9/30/2013	Chlorobenzene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU51-TW-2-S1	9/30/2013	Chlorobenzilate	37	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU51-TW-2-S1	9/30/2013	Chlorodibromomethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU51-TW-2-S1	9/30/2013	Chloroform	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU51-TW-2-S1	9/30/2013	Chloroprene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU51-TW-2-S1	9/30/2013	Chrysene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU51-TW-2-S1	9/30/2013	Chrysene	14	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU51-TW-2-S1	9/30/2013	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU51-TW-2-S1	9/30/2013	cis-1,3-Dichloropropene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU51-TW-2-S1	9/30/2013	Diallate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU51-TW-2-S1	9/30/2013	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-2-S1	9/30/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-2-S1	9/30/2013	Dibenzofuran	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU51-TW-2-S1	9/30/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU51-TW-2-S1	9/30/2013	Diethyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU51-TW-2-S1	9/30/2013	Dimethoate	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-2-S1	9/30/2013	Dimethyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU51-TW-2-S1	9/30/2013	Di-N-Butyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S1	9/30/2013	Diphenyl Ether	27	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU51-TW-2-S1	9/30/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU51-TW-2-S1	9/30/2013	Ethyl Methacrylate	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU51-TW-2-S1	9/30/2013	Ethyl Methanesulfonate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-2-S1	9/30/2013	Ethylbenzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU51-TW-2-S1	9/30/2013	Ethylbenzene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU51-TW-2-S1	9/30/2013	Fluoranthene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-2-S1	9/30/2013	Fluoranthene	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-2-S1	9/30/2013	Fluorene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-2-S1	9/30/2013	Fluorene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-2-S1	9/30/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU51-TW-2-S1	9/30/2013	Hexachlorobutadiene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU51-TW-2-S1	9/30/2013	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-2-S1	9/30/2013	Hexachloroethane	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU51-TW-2-S1	9/30/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU51-TW-2-S1	9/30/2013	Indeno (1,2,3-CD) Pyrene	11	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S1	9/30/2013	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S1	9/30/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU51-TW-2-S1	9/30/2013	Isobutyl Alcohol	89	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU51-TW-2-S1	9/30/2013	Isodrin	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU51-TW-2-S1	9/30/2013	Isophorone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU51-TW-2-S1	9/30/2013	Isosafrole	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU51-TW-2-S1	9/30/2013	Meta- And Para-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU51-TW-2-S1	9/30/2013	Methacrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-2-S1	9/30/2013	Methapyrilene	1800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU51-TW-2-S1	9/30/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU51-TW-2-S1	9/30/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU51-TW-2-S1	9/30/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-2-S1	9/30/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-2-S1	9/30/2013	Methyl Methacrylate	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU51-TW-2-S1	9/30/2013	Methyl Methanesulfonate	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-2-S1	9/30/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU51-TW-2-S1	9/30/2013	Methylene Bromide	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU51-TW-2-S1	9/30/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU51-TW-2-S1	9/30/2013	Naphthalene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-2-S1	9/30/2013	Naphthalene	400	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-2-S1	9/30/2013	Naphthalene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-2-S1	9/30/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	6.16	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-2-S1	9/30/2013	N-Dioctyl Phthalate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU51-TW-2-S1	9/30/2013	Nitrobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-2-S1	9/30/2013	N-Nitroso(Methyl)Ethylamine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU51-TW-2-S1	9/30/2013	N-Nitrosodiethylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU51-TW-2-S1	9/30/2013	N-Nitrosodimethylamine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU51-TW-2-S1	9/30/2013	N-Nitroso-Di-N-Butylamine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU51-TW-2-S1	9/30/2013	N-Nitrosodi-N-Propylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU51-TW-2-S1	9/30/2013	N-Nitrosodiphenylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU51-TW-2-S1	9/30/2013	N-Nitrosomorpholine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU51-TW-2-S1	9/30/2013	N-Nitrosopiperidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU51-TW-2-S1	9/30/2013	N-Nitrosopyrrolidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU51-TW-2-S1	9/30/2013	O,O,O-Triethylphosphorothioate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU51-TW-2-S1	9/30/2013	Ortho-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU51-TW-2-S1	9/30/2013	O-Toluidine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU51-TW-2-S1	9/30/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU51-TW-2-S1	9/30/2013	Pentachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU51-TW-2-S1	9/30/2013	Pentachloroethane	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU51-TW-2-S1	9/30/2013	Pentachloronitrobenzene	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU51-TW-2-S1	9/30/2013	Pentachlorophenol	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU51-TW-2-S1	9/30/2013	Phenacetin	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU51-TW-2-S1	9/30/2013	Phenanthrene	8	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU51-TW-2-S1	9/30/2013	Phenanthrene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU51-TW-2-S1	9/30/2013	Phenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU51-TW-2-S1	9/30/2013	Pronamide	37	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU51-TW-2-S1	9/30/2013	Propionitrile	27	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU51-TW-2-S1	9/30/2013	Pyrene	18	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU51-TW-2-S1	9/30/2013	Pyrene	440	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU51-TW-2-S1	9/30/2013	Pyridine	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU51-TW-2-S1	9/30/2013	Safrole	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU51-TW-2-S1	9/30/2013	Styrene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU51-TW-2-S1	9/30/2013	Tetrachloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU51-TW-2-S1	9/30/2013	Tetraethyl Dithiopyrophosphate	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU51-TW-2-S1	9/30/2013	Thionazin	74	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU51-TW-2-S1	9/30/2013	Toluene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-2-S1	9/30/2013	Toluene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-2-S1	9/30/2013	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU51-TW-2-S1	9/30/2013	trans-1,3-Dichloropropene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU51-TW-2-S1	9/30/2013	trans-1,4-Dichlorobutene-2	9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU51-TW-2-S1	9/30/2013	Trichloroethene	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU51-TW-2-S1	9/30/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU51-TW-2-S1	9/30/2013	Unadjusted C11 - C22 Aromatics	13	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-2-S1	9/30/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-2-S1	9/30/2013	Vinyl Chloride	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU51-TW-2-S1	9/30/2013	Xylenes	0.9	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU52-01	4/10/2000	1,4-Dioxane	900	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU52-01	4/10/2000	Benzene	6.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU52-02	4/10/2000	1,4-Dioxane	780	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU52-02	4/10/2000	Benzene	5.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-1-S1	9/26/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU56-TW-1-S1	9/26/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU56-TW-1-S1	9/26/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU56-TW-1-S1	9/26/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S1	9/26/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU56-TW-1-S1	9/26/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU56-TW-1-S1	9/26/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-1-S1	9/26/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-1-S1	9/26/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S1	9/26/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S1	9/26/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU56-TW-1-S1	9/26/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU56-TW-1-S1	9/26/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU56-TW-1-S1	9/26/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU56-TW-1-S1	9/26/2013	1,2,4,5-Tetrachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-1-S1	9/26/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-1-S1	9/26/2013	1,2,4-Trichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU56-TW-1-S1	9/26/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU56-TW-1-S1	9/26/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU56-TW-1-S1	9/26/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU56-TW-1-S1	9/26/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU56-TW-1-S1	9/26/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU56-TW-1-S1	9/26/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU56-TW-1-S1	9/26/2013	1,2-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU56-TW-1-S1	9/26/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S1	9/26/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S1	9/26/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU56-TW-1-S1	9/26/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU56-TW-1-S1	9/26/2013	1,2-Diphenylhydrazine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S1	9/26/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S1	9/26/2013	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU56-TW-1-S1	9/26/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU56-TW-1-S1	9/26/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S1	9/26/2013	1,3-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S1	9/26/2013	1,3-Dinitrobenzene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-1-S1	9/26/2013	1,3-Dinitrobenzene	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-1-S1	9/26/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-1-S1	9/26/2013	1,4-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-1-S1	9/26/2013	1,4-Dioxane	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S1	9/26/2013	1,4-Dioxane	5.2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S1	9/26/2013	1,4-Naphthoquinone	900	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU56-TW-1-S1	9/26/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU56-TW-1-S1	9/26/2013	1-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-1-S1	9/26/2013	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-1-S1	9/26/2013	2,3,4,6-Tetrachlorophenol	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU56-TW-1-S1	9/26/2013	2,3,4,6-Tetrachlorophenol	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU56-TW-1-S1	9/26/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	2,4,5-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-1-S1	9/26/2013	2,4,6-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-1-S1	9/26/2013	2,4-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-1-S1	9/26/2013	2,4-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-1-S1	9/26/2013	2,4-Dimethylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-1-S1	9/26/2013	2,4-Dimethylphenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-1-S1	9/26/2013	2,4-Dinitrophenol	370	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU56-TW-1-S1	9/26/2013	2,4-Dinitrophenol	320	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU56-TW-1-S1	9/26/2013	2,4-Dinitrotoluene	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU56-TW-1-S1	9/26/2013	2,4-Dinitrotoluene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU56-TW-1-S1	9/26/2013	2,6-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU56-TW-1-S1	9/26/2013	2,6-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU56-TW-1-S1	9/26/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S1	9/26/2013	2,6-Dinitrotoluene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S1	9/26/2013	2-Acetylaminofluorene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU56-TW-1-S1	9/26/2013	2-Acetylaminofluorene	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU56-TW-1-S1	9/26/2013	2-Chloronaphthalene	9	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU56-TW-1-S1	9/26/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S1	9/26/2013	2-Chlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-1-S1	9/26/2013	2-Chlorophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-1-S1	9/26/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-1-S1	9/26/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-1-S1	9/26/2013	2-Methylnaphthalene	41	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-1-S1	9/26/2013	2-Methylnaphthalene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-1-S1	9/26/2013	2-Methylnaphthalene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-1-S1	9/26/2013	2-Methylnaphthalene	15	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-1-S1	9/26/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	2-Methylphenol (O-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	2-Naphthylamine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-1-S1	9/26/2013	2-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-1-S1	9/26/2013	2-Nitroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-1-S1	9/26/2013	2-Nitroaniline	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-1-S1	9/26/2013	2-Nitrophenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU56-TW-1-S1	9/26/2013	2-Nitrophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU56-TW-1-S1	9/26/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-1-S1	9/26/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-1-S1	9/26/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU56-TW-1-S1	9/26/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU56-TW-1-S1	9/26/2013	3,3'-Dimethylbenzidine	610	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU56-TW-1-S1	9/26/2013	3,3'-Dimethylbenzidine	540	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU56-TW-1-S1	9/26/2013	3-Methylcholanthrene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-1-S1	9/26/2013	3-Methylcholanthrene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-1-S1	9/26/2013	3-Nitroaniline	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-1-S1	9/26/2013	3-Nitroaniline	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-1-S1	9/26/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU56-TW-1-S1	9/26/2013	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU56-TW-1-S1	9/26/2013	4-Aminobiphenyl	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU56-TW-1-S1	9/26/2013	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU56-TW-1-S1	9/26/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S1	9/26/2013	4-Bromophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S1	9/26/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	4-Chloro-3-Methylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	4-Chloroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-1-S1	9/26/2013	4-Chloroaniline	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-1-S1	9/26/2013	4-Chlorophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-1-S1	9/26/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-1-S1	9/26/2013	4-Dimethylaminoazobenzene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU56-TW-1-S1	9/26/2013	4-Dimethylaminoazobenzene	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU56-TW-1-S1	9/26/2013	4-Methylphenol (P-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	4-Nitroaniline	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU56-TW-1-S1	9/26/2013	4-Nitroaniline	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU56-TW-1-S1	9/26/2013	4-Nitrophenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S1	9/26/2013	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S1	9/26/2013	4-Nitroquinoline-N-Oxide	360	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU56-TW-1-S1	9/26/2013	4-Nitroquinoline-N-Oxide	410	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU56-TW-1-S1	9/26/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU56-TW-1-S1	9/26/2013	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU56-TW-1-S1	9/26/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU56-TW-1-S1	9/26/2013	7,12-Dimethylbenz[A]Anthracene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU56-TW-1-S1	9/26/2013	Acenaphthene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-1-S1	9/26/2013	Acenaphthene	28	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-1-S1	9/26/2013	Acenaphthene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-1-S1	9/26/2013	Acenaphthene	39	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-1-S1	9/26/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-1-S1	9/26/2013	Acenaphthylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-1-S1	9/26/2013	Acenaphthylene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-1-S1	9/26/2013	Acenaphthylene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-1-S1	9/26/2013	Acetone	19	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU56-TW-1-S1	9/26/2013	Acetone	15	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S1	9/26/2013	Acetonitrile	26	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S1	9/26/2013	Acetonitrile	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S1	9/26/2013	Acetophenone	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU56-TW-1-S1	9/26/2013	Acetophenone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU56-TW-1-S1	9/26/2013	Acrolein	21	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S1	9/26/2013	Acrolein	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S1	9/26/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S1	9/26/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S1	9/26/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-1-S1	9/26/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-1-S1	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU56-TW-1-S1	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU56-TW-1-S1	9/26/2013	Aniline	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU56-TW-1-S1	9/26/2013	Aniline	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU56-TW-1-S1	9/26/2013	Anthracene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S1	9/26/2013	Anthracene	61	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S1	9/26/2013	Anthracene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S1	9/26/2013	Anthracene	99	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S1	9/26/2013	Antimony	1.35	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU56-TW-1-S1	9/26/2013	Antimony	0.787	MG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU56-TW-1-S1	9/26/2013	Aramite	72	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU56-TW-1-S1	9/26/2013	Aramite	81	UG/KG	U	UJ		N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU56-TW-1-S1	9/26/2013	Arsenic	2.07	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU56-TW-1-S1	9/26/2013	Barium	18.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU56-TW-1-S1	9/26/2013	Barium	17.3	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU56-TW-1-S1	9/26/2013	Benzene	100	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-1-S1	9/26/2013	Benzene	0.9	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-1-S1	9/26/2013	Benzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-1-S1	9/26/2013	Benzene	1	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-1-S1	9/26/2013	Benzo(A)Anthracene	140	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Benzo(A)Anthracene	230	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Benzo(A)Anthracene	390	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Benzo(A)Anthracene	340	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Benzo(B)Fluoranthene	520	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Benzo(B)Fluoranthene	400	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Benzo(B)Fluoranthene	260	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Benzo(B)Fluoranthene	850	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Benzo(G,H,I)Perylene	140	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-1-S1	9/26/2013	Benzo(G,H,I)Perylene	150	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-1-S1	9/26/2013	Benzo(G,H,I)Perylene	250	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-1-S1	9/26/2013	Benzo(G,H,I)Perylene	260	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-1-S1	9/26/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-1-S1	9/26/2013	Benzo(K)Fluoranthene	200	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-1-S1	9/26/2013	Benzo(K)Fluoranthene	120	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-1-S1	9/26/2013	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-1-S1	9/26/2013	Benzo[A]Pyrene	190	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S1	9/26/2013	Arsenic	2.81	MG/KG		J	Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU56-TW-1-S1	9/26/2013	Benzo[A]Pyrene	210	UG/KG		J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S1	9/26/2013	Benzo[A]Pyrene	430	UG/KG	J	J	Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S1	9/26/2013	Benzo[A]Pyrene	370	UG/KG		J	Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S1	9/26/2013	Benzyl Alcohol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	Beryllium	0.133	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU56-TW-1-S1	9/26/2013	Beryllium	0.134	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU56-TW-1-S1	9/26/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-1-S1	9/26/2013	Biphenyl	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-1-S1	9/26/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-1-S1	9/26/2013	Bis(2-Chloroethoxy)Methane	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-1-S1	9/26/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-1-S1	9/26/2013	Bis(2-Chloroethyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-1-S1	9/26/2013	Bis(2-Chloroisopropyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-1-S1	9/26/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S1	9/26/2013	Bis(2-Ethylhexyl)Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-1-S1	9/26/2013	Bis(2-Ethylhexyl)Phthalate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-1-S1	9/26/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-1-S1	9/26/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-1-S1	9/26/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-1-S1	9/26/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-1-S1	9/26/2013	Butyl Benzyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU56-TW-1-S1	9/26/2013	Butyl Benzyl Phthalate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU56-TW-1-S1	9/26/2013	C11 to C22 Aromatics	13	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S1	9/26/2013	C11 to C22 Aromatics	15	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S1	9/26/2013	C19 to C36 Aliphatics	13	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-1-S1	9/26/2013	C19 to C36 Aliphatics	15	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-1-S1	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	6.86	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-1-S1	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	8.18	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-1-S1	9/26/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	8.18	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-1-S1	9/26/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	6.86	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-1-S1	9/26/2013	C9 through C10 Aromatic Hydrocarbons	6.86	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU56-TW-1-S1	9/26/2013	C9 through C10 Aromatic Hydrocarbons	8.18	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU56-TW-1-S1	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	6.86	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S1	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	8.18	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S1	9/26/2013	C9 to C18 Aliphatics	7.4	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S1	9/26/2013	C9 to C18 Aliphatics	6.5	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S1	9/26/2013	Cadmium	0.183	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU56-TW-1-S1	9/26/2013	Cadmium	0.224	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU56-TW-1-S1	9/26/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S1	9/26/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S1	9/26/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU56-TW-1-S1	9/26/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU56-TW-1-S1	9/26/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-1-S1	9/26/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-1-S1	9/26/2013	Chlorobenzilate	41	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU56-TW-1-S1	9/26/2013	Chlorobenzilate	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU56-TW-1-S1	9/26/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU56-TW-1-S1	9/26/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU56-TW-1-S1	9/26/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-1-S1	9/26/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-1-S1	9/26/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU56-TW-1-S1	9/26/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU56-TW-1-S1	9/26/2013	Chromium	18.9	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU56-TW-1-S1	9/26/2013	Chromium	16.3	MG/KG				Y	0-2 Feet	DUP	Soil	Site Background	42.7
SWMU56-TW-1-S1	9/26/2013	Chrysene	140	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-1-S1	9/26/2013	Chrysene	380	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-1-S1	9/26/2013	Chrysene	220	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-1-S1	9/26/2013	Chrysene	330	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-1-S1	9/26/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU56-TW-1-S1	9/26/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU56-TW-1-S1	9/26/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-1-S1	9/26/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-1-S1	9/26/2013	Cobalt	0.813	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU56-TW-1-S1	9/26/2013	Cobalt	0.709	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU56-TW-1-S1	9/26/2013	Copper	1.61	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU56-TW-1-S1	9/26/2013	Copper	1.8	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU56-TW-1-S1	9/26/2013	Diallate	41	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-1-S1	9/26/2013	Diallate	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-1-S1	9/26/2013	Dibenz(A,H)Anthracene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S1	9/26/2013	Dibenz(A,H)Anthracene	24	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S1	9/26/2013	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S1	9/26/2013	Dibenz(A,H)Anthracene	69	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S1	9/26/2013	Dibenzofuran	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU56-TW-1-S1	9/26/2013	Dibenzofuran	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU56-TW-1-S1	9/26/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU56-TW-1-S1	9/26/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S1	9/26/2013	Diethyl Phthalate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU56-TW-1-S1	9/26/2013	Diethyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU56-TW-1-S1	9/26/2013	Dimethoate	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S1	9/26/2013	Dimethoate	180	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S1	9/26/2013	Dimethyl Phthalate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU56-TW-1-S1	9/26/2013	Dimethyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU56-TW-1-S1	9/26/2013	Di-N-Butyl Phthalate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	Di-N-Butyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S1	9/26/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-1-S1	9/26/2013	Diphenyl Ether	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-1-S1	9/26/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU56-TW-1-S1	9/26/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU56-TW-1-S1	9/26/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU56-TW-1-S1	9/26/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU56-TW-1-S1	9/26/2013	Ethyl Methanesulfonate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S1	9/26/2013	Ethyl Methanesulfonate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S1	9/26/2013	Ethylbenzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-1-S1	9/26/2013	Ethylbenzene	3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-1-S1	9/26/2013	Ethylbenzene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-1-S1	9/26/2013	Ethylbenzene	2	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-1-S1	9/26/2013	Fluoranthene	410	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S1	9/26/2013	Fluoranthene	470	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S1	9/26/2013	Fluoranthene	990	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S1	9/26/2013	Fluoranthene	800	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S1	9/26/2013	Fluorene	32	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S1	9/26/2013	Fluorene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S1	9/26/2013	Fluorene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S1	9/26/2013	Fluorene	22	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S1	9/26/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU56-TW-1-S1	9/26/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU56-TW-1-S1	9/26/2013	Hexachlorobutadiene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-1-S1	9/26/2013	Hexachlorobutadiene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-1-S1	9/26/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S1	9/26/2013	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S1	9/26/2013	Hexachloroethane	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU56-TW-1-S1	9/26/2013	Hexachloroethane	41	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU56-TW-1-S1	9/26/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-1-S1	9/26/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-1-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	140	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	210	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	320	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S1	9/26/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-1-S1	9/26/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-1-S1	9/26/2013	Isobutyl Alcohol	100	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-1-S1	9/26/2013	Isobutyl Alcohol	98	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-1-S1	9/26/2013	Isodrin	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU56-TW-1-S1	9/26/2013	Isodrin	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU56-TW-1-S1	9/26/2013	Isophorone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU56-TW-1-S1	9/26/2013	Isophorone	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU56-TW-1-S1	9/26/2013	Isosafrole	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-1-S1	9/26/2013	Isosafrole	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-1-S1	9/26/2013	Lead	22.9	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU56-TW-1-S1	9/26/2013	Lead	21.5	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU56-TW-1-S1	9/26/2013	Mercury	0.0294	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU56-TW-1-S1	9/26/2013	Mercury	0.0106	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU56-TW-1-S1	9/26/2013	Meta- And Para-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU56-TW-1-S1	9/26/2013	Meta- And Para-Xylene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU56-TW-1-S1	9/26/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S1	9/26/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S1	9/26/2013	Methapyrilene	1800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-1-S1	9/26/2013	Methapyrilene	2000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S1	9/26/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-1-S1	9/26/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-1-S1	9/26/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-1-S1	9/26/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-1-S1	9/26/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU56-TW-1-S1	9/26/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU56-TW-1-S1	9/26/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S1	9/26/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S1	9/26/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-1-S1	9/26/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-1-S1	9/26/2013	Methyl Methanesulfonate	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S1	9/26/2013	Methyl Methanesulfonate	41	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S1	9/26/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-1-S1	9/26/2013	Methyl Tertiary Butyl Ether	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-1-S1	9/26/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-1-S1	9/26/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-1-S1	9/26/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-1-S1	9/26/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-1-S1	9/26/2013	Naphthalene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S1	9/26/2013	Naphthalene	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S1	9/26/2013	Naphthalene	400	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S1	9/26/2013	Naphthalene	500	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S1	9/26/2013	Naphthalene	120	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S1	9/26/2013	Naphthalene	28	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S1	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	8.18	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S1	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	6.86	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S1	9/26/2013	N-Dioctyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-1-S1	9/26/2013	N-Dioctyl Phthalate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-1-S1	9/26/2013	Nickel	5.23	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU56-TW-1-S1	9/26/2013	Nickel	4.74	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU56-TW-1-S1	9/26/2013	Nitrobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S1	9/26/2013	Nitrobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S1	9/26/2013	N-Nitroso(Methyl)Ethylamine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-1-S1	9/26/2013	N-Nitroso(Methyl)Ethylamine	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-1-S1	9/26/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU56-TW-1-S1	9/26/2013	N-Nitrosodiethylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU56-TW-1-S1	9/26/2013	N-Nitrosodimethylamine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU56-TW-1-S1	9/26/2013	N-Nitrosodimethylamine	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU56-TW-1-S1	9/26/2013	N-Nitroso-Di-N-Butylamine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU56-TW-1-S1	9/26/2013	N-Nitroso-Di-N-Butylamine	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU56-TW-1-S1	9/26/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU56-TW-1-S1	9/26/2013	N-Nitrosodi-N-Propylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU56-TW-1-S1	9/26/2013	N-Nitrosodiphenylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU56-TW-1-S1	9/26/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU56-TW-1-S1	9/26/2013	N-Nitrosomorpholine	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU56-TW-1-S1	9/26/2013	N-Nitrosomorpholine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU56-TW-1-S1	9/26/2013	N-Nitrosopiperidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU56-TW-1-S1	9/26/2013	N-Nitrosopiperidine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU56-TW-1-S1	9/26/2013	N-Nitrosopyrrolidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU56-TW-1-S1	9/26/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU56-TW-1-S1	9/26/2013	O,O,O-Triethylphosphorothioate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU56-TW-1-S1	9/26/2013	O,O,O-Triethylphosphorothioate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU56-TW-1-S1	9/26/2013	Ortho-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU56-TW-1-S1	9/26/2013	Ortho-Xylene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU56-TW-1-S1	9/26/2013	O-Toluidine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU56-TW-1-S1	9/26/2013	O-Toluidine	240	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU56-TW-1-S1	9/26/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU56-TW-1-S1	9/26/2013	para-Phenylenediamine	14000	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU56-TW-1-S1	9/26/2013	Pentachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU56-TW-1-S1	9/26/2013	Pentachlorobenzene	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU56-TW-1-S1	9/26/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU56-TW-1-S1	9/26/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S1	9/26/2013	Pentachloronitrobenzene	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU56-TW-1-S1	9/26/2013	Pentachloronitrobenzene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU56-TW-1-S1	9/26/2013	Pentachlorophenol	41	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU56-TW-1-S1	9/26/2013	Pentachlorophenol	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU56-TW-1-S1	9/26/2013	Phenacetin	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU56-TW-1-S1	9/26/2013	Phenacetin	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU56-TW-1-S1	9/26/2013	Phenanthrene	250	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-1-S1	9/26/2013	Phenanthrene	170	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-1-S1	9/26/2013	Phenanthrene	400	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-1-S1	9/26/2013	Phenanthrene	540	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-1-S1	9/26/2013	Phenol	20	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-1-S1	9/26/2013	Phenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-1-S1	9/26/2013	Pronamide	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU56-TW-1-S1	9/26/2013	Pronamide	41	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU56-TW-1-S1	9/26/2013	Propionitrile	31	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-1-S1	9/26/2013	Propionitrile	30	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-1-S1	9/26/2013	Pyrene	370	UG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-1-S1	9/26/2013	Pyrene	470	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-1-S1	9/26/2013	Pyrene	630	UG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-1-S1	9/26/2013	Pyrene	820	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-1-S1	9/26/2013	Pyridine	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU56-TW-1-S1	9/26/2013	Pyridine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU56-TW-1-S1	9/26/2013	Safrole	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-1-S1	9/26/2013	Safrole	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-1-S1	9/26/2013	Selenium	0.498	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S1	9/26/2013	Selenium	0.41	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S1	9/26/2013	Silver	0.181	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S1	9/26/2013	Silver	0.202	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S1	9/26/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU56-TW-1-S1	9/26/2013	Styrene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU56-TW-1-S1	9/26/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU56-TW-1-S1	9/26/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU56-TW-1-S1	9/26/2013	Tetraethyl Dithiopyrophosphate	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU56-TW-1-S1	9/26/2013	Tetraethyl Dithiopyrophosphate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU56-TW-1-S1	9/26/2013	Thallium	0.114	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU56-TW-1-S1	9/26/2013	Thallium	0.133	MG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU56-TW-1-S1	9/26/2013	Thionazin	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-1-S1	9/26/2013	Thionazin	81	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-1-S1	9/26/2013	Tin	1.86	MG/KG	J	B		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU56-TW-1-S1	9/26/2013	Tin	2.02	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU56-TW-1-S1	9/26/2013	Toluene	200	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S1	9/26/2013	Toluene	2	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S1	9/26/2013	Toluene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S1	9/26/2013	Toluene	3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S1	9/26/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU56-TW-1-S1	9/26/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU56-TW-1-S1	9/26/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-1-S1	9/26/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-1-S1	9/26/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU56-TW-1-S1	9/26/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU56-TW-1-S1	9/26/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU56-TW-1-S1	9/26/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU56-TW-1-S1	9/26/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU56-TW-1-S1	9/26/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU56-TW-1-S1	9/26/2013	Unadjusted C11 - C22 Aromatics	13	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S1	9/26/2013	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S1	9/26/2013	Vanadium	14.7	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S1	9/26/2013	Vanadium	18.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S1	9/26/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S1	9/26/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S1	9/26/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU56-TW-1-S1	9/26/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S1	9/26/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU56-TW-1-S1	9/26/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU56-TW-1-S1	9/26/2013	Zinc	43.5	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU56-TW-1-S1	9/26/2013	Zinc	37.1	MG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU56-TW-2-S1	9/26/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU56-TW-2-S1	9/26/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU56-TW-2-S1	9/26/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU56-TW-2-S1	9/26/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-2-S1	9/26/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-2-S1	9/26/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU56-TW-2-S1	9/26/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU56-TW-2-S1	9/26/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-2-S1	9/26/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU56-TW-2-S1	9/26/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU56-TW-2-S1	9/26/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU56-TW-2-S1	9/26/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU56-TW-2-S1	9/26/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-2-S1	9/26/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU56-TW-2-S1	9/26/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-2-S1	9/26/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU56-TW-2-S1	9/26/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-2-S1	9/26/2013	1,3-Dinitrobenzene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-2-S1	9/26/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-2-S1	9/26/2013	1,4-Dioxane	5.2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-2-S1	9/26/2013	1,4-Naphthoquinone	980	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU56-TW-2-S1	9/26/2013	1-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-2-S1	9/26/2013	2,3,4,6-Tetrachlorophenol	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU56-TW-2-S1	9/26/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S1	9/26/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-2-S1	9/26/2013	2,4-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-2-S1	9/26/2013	2,4-Dimethylphenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-2-S1	9/26/2013	2,4-Dinitrophenol	350	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU56-TW-2-S1	9/26/2013	2,4-Dinitrotoluene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU56-TW-2-S1	9/26/2013	2,6-Dichlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU56-TW-2-S1	9/26/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-2-S1	9/26/2013	2-Acetylaminofluorene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU56-TW-2-S1	9/26/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU56-TW-2-S1	9/26/2013	2-Chlorophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-2-S1	9/26/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-2-S1	9/26/2013	2-Methylnaphthalene	47	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-2-S1	9/26/2013	2-Methylnaphthalene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-2-S1	9/26/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S1	9/26/2013	2-Naphthylamine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-2-S1	9/26/2013	2-Nitroaniline	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-2-S1	9/26/2013	2-Nitrophenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU56-TW-2-S1	9/26/2013	2-Picoline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-2-S1	9/26/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU56-TW-2-S1	9/26/2013	3,3'-Dimethylbenzidine	590	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU56-TW-2-S1	9/26/2013	3-Methylcholanthrene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-2-S1	9/26/2013	3-Nitroaniline	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-2-S1	9/26/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU56-TW-2-S1	9/26/2013	4-Aminobiphenyl	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU56-TW-2-S1	9/26/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-2-S1	9/26/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S1	9/26/2013	4-Chloroaniline	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-2-S1	9/26/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-2-S1	9/26/2013	4-Dimethylaminoazobenzene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU56-TW-2-S1	9/26/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S1	9/26/2013	4-Nitroaniline	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU56-TW-2-S1	9/26/2013	4-Nitrophenol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-2-S1	9/26/2013	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU56-TW-2-S1	9/26/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-2-S1	9/26/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU56-TW-2-S1	9/26/2013	Acenaphthene	510	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-2-S1	9/26/2013	Acenaphthene	290	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-2-S1	9/26/2013	Acenaphthylene	17	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-2-S1	9/26/2013	Acenaphthylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-2-S1	9/26/2013	Acetone	39	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU56-TW-2-S1	9/26/2013	Acetonitrile	26	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-2-S1	9/26/2013	Acetophenone	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU56-TW-2-S1	9/26/2013	Acrolein	21	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-2-S1	9/26/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-2-S1	9/26/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-2-S1	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU56-TW-2-S1	9/26/2013	Aniline	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU56-TW-2-S1	9/26/2013	Anthracene	1300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-2-S1	9/26/2013	Anthracene	970	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-2-S1	9/26/2013	Antimony	9.08	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU56-TW-2-S1	9/26/2013	Aramite	78	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU56-TW-2-S1	9/26/2013	Arsenic	1.99	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU56-TW-2-S1	9/26/2013	Barium	12.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU56-TW-2-S1	9/26/2013	Benzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-2-S1	9/26/2013	Benzene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-2-S1	9/26/2013	Benzo(A)Anthracene	2000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S1	9/26/2013	Benzo(A)Anthracene	1800	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S1	9/26/2013	Benzo(B)Fluoranthene	1900	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S1	9/26/2013	Benzo(G,H,I)Perylene	1000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-2-S1	9/26/2013	Benzo(G,H,I)Perylene	1200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-2-S1	9/26/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-2-S1	9/26/2013	Benzo(K)Fluoranthene	950	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-2-S1	9/26/2013	Benzyl Alcohol	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S1	9/26/2013	Beryllium	0.0757	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU56-TW-2-S1	9/26/2013	Biphenyl	23	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-2-S1	9/26/2013	Benzo(B)Fluoranthene	4000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S1	9/26/2013	Benzo[A]Pyrene	2300	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-2-S1	9/26/2013	Benzo[A]Pyrene	1600	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-2-S1	9/26/2013	C9 to C18 Aliphatics	34	MG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-2-S1	9/26/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-2-S1	9/26/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-2-S1	9/26/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-2-S1	9/26/2013	Bis(2-Ethylhexyl)Phthalate	220	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-2-S1	9/26/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-2-S1	9/26/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-2-S1	9/26/2013	Butyl Benzyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU56-TW-2-S1	9/26/2013	Dibenz(A,H)Anthracene	380	UG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-2-S1	9/26/2013	Dibenz(A,H)Anthracene	260	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-2-S1	9/26/2013	C11 to C22 Aromatics	59	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-2-S1	9/26/2013	C19 to C36 Aliphatics	120	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-2-S1	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	7.69	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-2-S1	9/26/2013	C5 - C8 Aliphatic Hydrocarbons, unadjusted	7.69	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-2-S1	9/26/2013	C9 through C10 Aromatic Hydrocarbons	7.69	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU56-TW-2-S1	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	7.69	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-2-S1	9/26/2013	Cadmium	0.25	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU56-TW-2-S1	9/26/2013	Carbon Disulfide	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-2-S1	9/26/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU56-TW-2-S1	9/26/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-2-S1	9/26/2013	Chlorobenzilate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU56-TW-2-S1	9/26/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU56-TW-2-S1	9/26/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-2-S1	9/26/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU56-TW-2-S1	9/26/2013	Chromium	23.6	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU56-TW-2-S1	9/26/2013	Chrysene	1800	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-2-S1	9/26/2013	Chrysene	1500	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-2-S1	9/26/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-2-S1	9/26/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-2-S1	9/26/2013	Cobalt	0.667	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU56-TW-2-S1	9/26/2013	Copper	134	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU56-TW-2-S1	9/26/2013	Diallate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-2-S1	9/26/2013	Dibenzofuran	190	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU56-TW-2-S1	9/26/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU56-TW-2-S1	9/26/2013	Diethyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU56-TW-2-S1	9/26/2013	Dimethoate	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-2-S1	9/26/2013	Dimethyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU56-TW-2-S1	9/26/2013	Di-N-Butyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S1	9/26/2013	Diphenyl Ether	62	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-2-S1	9/26/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU56-TW-2-S1	9/26/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU56-TW-2-S1	9/26/2013	Ethyl Methanesulfonate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-2-S1	9/26/2013	Ethylbenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-2-S1	9/26/2013	Ethylbenzene	4	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-2-S1	9/26/2013	Fluoranthene	5300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-2-S1	9/26/2013	Fluoranthene	3700	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-2-S1	9/26/2013	Fluorene	760	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-2-S1	9/26/2013	Fluorene	360	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-2-S1	9/26/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU56-TW-2-S1	9/26/2013	Hexachlorobutadiene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-2-S1	9/26/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-2-S1	9/26/2013	Hexachloroethane	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU56-TW-2-S1	9/26/2013	Hexachloropropylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-2-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	1600	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	960	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S1	9/26/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-2-S1	9/26/2013	Isobutyl Alcohol	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-2-S1	9/26/2013	Isodrin	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU56-TW-2-S1	9/26/2013	Isophorone	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU56-TW-2-S1	9/26/2013	Isosafrole	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-2-S1	9/26/2013	Lead	13.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU56-TW-2-S1	9/26/2013	Mercury	0.0392	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU56-TW-2-S1	9/26/2013	Meta- And Para-Xylene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU56-TW-2-S1	9/26/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-2-S1	9/26/2013	Methapyrilene	2000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-2-S1	9/26/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-2-S1	9/26/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-2-S1	9/26/2013	Methyl Ethyl Ketone	9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU56-TW-2-S1	9/26/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-2-S1	9/26/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-2-S1	9/26/2013	Methyl Methanesulfonate	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-2-S1	9/26/2013	Methyl Tertiary Butyl Ether	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-2-S1	9/26/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-2-S1	9/26/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-2-S1	9/26/2013	Naphthalene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-2-S1	9/26/2013	Naphthalene	500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-2-S1	9/26/2013	Naphthalene	56	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-2-S1	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	7.69	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-2-S1	9/26/2013	N-Dioctyl Phthalate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-2-S1	9/26/2013	Nickel	9.28	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU56-TW-2-S1	9/26/2013	Nitrobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-2-S1	9/26/2013	N-Nitroso(Methyl)Ethylamine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-2-S1	9/26/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU56-TW-2-S1	9/26/2013	N-Nitrosodimethylamine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU56-TW-2-S1	9/26/2013	N-Nitroso-Di-N-Butylamine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU56-TW-2-S1	9/26/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU56-TW-2-S1	9/26/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU56-TW-2-S1	9/26/2013	N-Nitrosomorpholine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU56-TW-2-S1	9/26/2013	N-Nitrosopiperidine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU56-TW-2-S1	9/26/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-2-S1	9/26/2013	O,O,O-Triethylphosphorothioate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU56-TW-2-S1	9/26/2013	Ortho-Xylene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU56-TW-2-S1	9/26/2013	O-Toluidine	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU56-TW-2-S1	9/26/2013	para-Phenylenediamine	14000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU56-TW-2-S1	9/26/2013	Pentachlorobenzene	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU56-TW-2-S1	9/26/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU56-TW-2-S1	9/26/2013	Pentachloronitrobenzene	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU56-TW-2-S1	9/26/2013	Pentachlorophenol	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU56-TW-2-S1	9/26/2013	Phenacetin	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU56-TW-2-S1	9/26/2013	Phenanthrene	2700	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-2-S1	9/26/2013	Phenanthrene	5300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-2-S1	9/26/2013	Phenol	20	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-2-S1	9/26/2013	Pronamide	39	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU56-TW-2-S1	9/26/2013	Propionitrile	31	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-2-S1	9/26/2013	Pyrene	4000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-2-S1	9/26/2013	Pyrene	3100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-2-S1	9/26/2013	Pyridine	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU56-TW-2-S1	9/26/2013	Safrole	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-2-S1	9/26/2013	Selenium	0.261	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-2-S1	9/26/2013	Silver	0.192	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-2-S1	9/26/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU56-TW-2-S1	9/26/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU56-TW-2-S1	9/26/2013	Tetraethyl Dithiopyrophosphate	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU56-TW-2-S1	9/26/2013	Thallium	0.0585	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU56-TW-2-S1	9/26/2013	Thionazin	78	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-2-S1	9/26/2013	Tin	2.13	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU56-TW-2-S1	9/26/2013	Toluene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-2-S1	9/26/2013	Toluene	3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-2-S1	9/26/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU56-TW-2-S1	9/26/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-2-S1	9/26/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU56-TW-2-S1	9/26/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU56-TW-2-S1	9/26/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU56-TW-2-S1	9/26/2013	Unadjusted C11 - C22 Aromatics	88	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-2-S1	9/26/2013	Vanadium	9.57	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-2-S1	9/26/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-2-S1	9/26/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU56-TW-2-S1	9/26/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU56-TW-2-S1	9/26/2013	Zinc	82	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU56-TW-3-S1	9/25/2013	1,1,1,2-Tetrachloroethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU56-TW-3-S1	9/25/2013	1,1,1-Trichloroethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU56-TW-3-S1	9/25/2013	1,1,2,2-Tetrachloroethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU56-TW-3-S1	9/25/2013	1,1,2-Trichloroethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-3-S1	9/25/2013	1,1-Dichloroethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-3-S1	9/25/2013	1,1-Dichloroethene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU56-TW-3-S1	9/25/2013	1,2,3-Trichloropropane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU56-TW-3-S1	9/25/2013	1,2,4,5-Tetrachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-3-S1	9/25/2013	1,2,4-Trichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU56-TW-3-S1	9/25/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU56-TW-3-S1	9/25/2013	1,2-Dibromoethane (EDB)	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU56-TW-3-S1	9/25/2013	1,2-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU56-TW-3-S1	9/25/2013	1,2-Dichloroethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-3-S1	9/25/2013	1,2-Dichloropropane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU56-TW-3-S1	9/25/2013	1,2-Diphenylhydrazine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-3-S1	9/25/2013	1,3,5-Trinitrobenzene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU56-TW-3-S1	9/25/2013	1,3-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-3-S1	9/25/2013	1,3-Dinitrobenzene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-3-S1	9/25/2013	1,4-Dichlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-3-S1	9/25/2013	1,4-Dioxane	4.6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-3-S1	9/25/2013	1,4-Naphthoquinone	900	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU56-TW-3-S1	9/25/2013	1-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-3-S1	9/25/2013	2,3,4,6-Tetrachlorophenol	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-3-S1	9/25/2013	2,4,5-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S1	9/25/2013	2,4,6-Trichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-3-S1	9/25/2013	2,4-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-3-S1	9/25/2013	2,4-Dimethylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-3-S1	9/25/2013	2,4-Dinitrophenol	330	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU56-TW-3-S1	9/25/2013	2,4-Dinitrotoluene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU56-TW-3-S1	9/25/2013	2,6-Dichlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU56-TW-3-S1	9/25/2013	2,6-Dinitrotoluene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-3-S1	9/25/2013	2-Acetylaminofluorene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU56-TW-3-S1	9/25/2013	2-Chloronaphthalene	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU56-TW-3-S1	9/25/2013	2-Chlorophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-3-S1	9/25/2013	2-Hexanone	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-3-S1	9/25/2013	2-Methylnaphthalene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-3-S1	9/25/2013	2-Methylnaphthalene	47	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-3-S1	9/25/2013	2-Methylphenol (O-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S1	9/25/2013	2-Naphthylamine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-3-S1	9/25/2013	2-Nitroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-3-S1	9/25/2013	2-Nitrophenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU56-TW-3-S1	9/25/2013	2-Picoline	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-3-S1	9/25/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU56-TW-3-S1	9/25/2013	3,3'-Dimethylbenzidine	540	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU56-TW-3-S1	9/25/2013	3-Methylcholanthrene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-3-S1	9/25/2013	3-Nitroaniline	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-3-S1	9/25/2013	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU56-TW-3-S1	9/25/2013	4-Aminobiphenyl	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU56-TW-3-S1	9/25/2013	4-Bromophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-3-S1	9/25/2013	4-Chloro-3-Methylphenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S1	9/25/2013	4-Chloroaniline	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-3-S1	9/25/2013	4-Chlorophenyl Phenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-3-S1	9/25/2013	4-Dimethylaminoazobenzene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU56-TW-3-S1	9/25/2013	4-Methylphenol (P-Cresol)	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S1	9/25/2013	4-Nitroaniline	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU56-TW-3-S1	9/25/2013	4-Nitrophenol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-3-S1	9/25/2013	4-Nitroquinoline-N-Oxide	360	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU56-TW-3-S1	9/25/2013	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU56-TW-3-S1	9/25/2013	7,12-Dimethylbenz[A]Anthracene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU56-TW-3-S1	9/25/2013	Acenaphthene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-3-S1	9/25/2013	Acenaphthene	360	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-3-S1	9/25/2013	Acenaphthylene	30	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-3-S1	9/25/2013	Acenaphthylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-3-S1	9/25/2013	Acetone	13	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU56-TW-3-S1	9/25/2013	Acetonitrile	21	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-3-S1	9/25/2013	Acetophenone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU56-TW-3-S1	9/25/2013	Acrolein	17	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-3-S1	9/25/2013	Acrylonitrile	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-3-S1	9/25/2013	Allyl Chloride	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-3-S1	9/25/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU56-TW-3-S1	9/25/2013	Aniline	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU56-TW-3-S1	9/25/2013	Anthracene	230	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-3-S1	9/25/2013	Anthracene	1000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-3-S1	9/25/2013	Antimony	2.1	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU56-TW-3-S1	9/25/2013	Aramite	72	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU56-TW-3-S1	9/25/2013	Arsenic	2.04	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU56-TW-3-S1	9/25/2013	Barium	14.4	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU56-TW-3-S1	9/25/2013	Benzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-3-S1	9/25/2013	Benzene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-3-S1	9/25/2013	Benzo(A)Anthracene	820	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S1	9/25/2013	Benzo(B)Fluoranthene	2000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S1	9/25/2013	Benzo(G,H,I)Perylene	1800	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-3-S1	9/25/2013	Benzo(G,H,I)Perylene	640	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-3-S1	9/25/2013	Benzo(K)Fluoranthene	1300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-3-S1	9/25/2013	Benzo(K)Fluoranthene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-3-S1	9/25/2013	Benzyl Alcohol	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S1	9/25/2013	Beryllium	0.0998	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU56-TW-3-S1	9/25/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-3-S1	9/25/2013	Bis(2-Chloroethoxy)Methane	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-3-S1	9/25/2013	Bis(2-Chloroethyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-3-S1	9/25/2013	Bis(2-Chloroisopropyl)Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-3-S1	9/25/2013	Bis(2-Ethylhexyl)Phthalate	370	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-3-S1	9/25/2013	Bromodichloromethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-3-S1	9/25/2013	Bromoform	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-3-S1	9/25/2013	Butyl Benzyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU56-TW-3-S1	9/25/2013	Benzo(A)Anthracene	3000	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S1	9/25/2013	Benzo(B)Fluoranthene	3400	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S1	9/25/2013	C11 to C22 Aromatics	26	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-3-S1	9/25/2013	C19 to C36 Aliphatics	26	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-3-S1	9/25/2013	C5 - C8 Aliphatic Hydrocarbons	6.54	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-3-S1	9/25/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	6.54	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-3-S1	9/25/2013	Benzo[A]Pyrene	2700	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-3-S1	9/25/2013	C9 through C10 Aromatic Hydrocarbons	6.54	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU56-TW-3-S1	9/25/2013	Benzo[A]Pyrene	1100	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-3-S1	9/25/2013	C9 through C12 Aliphatic Hydrocarbons	6.54	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-3-S1	9/25/2013	Dibenz(A,H)Anthracene	460	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-3-S1	9/25/2013	C9 to C18 Aliphatics	6.6	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-3-S1	9/25/2013	Cadmium	0.311	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU56-TW-3-S1	9/25/2013	Carbon Disulfide	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-3-S1	9/25/2013	Carbon Tetrachloride	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU56-TW-3-S1	9/25/2013	Chlorobenzene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-3-S1	9/25/2013	Chlorobenzilate	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU56-TW-3-S1	9/25/2013	Chlorodibromomethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU56-TW-3-S1	9/25/2013	Chloroform	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-3-S1	9/25/2013	Chloroprene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU56-TW-3-S1	9/25/2013	Chromium	17.2	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU56-TW-3-S1	9/25/2013	Chrysene	2600	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-3-S1	9/25/2013	Chrysene	820	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-3-S1	9/25/2013	cis-1,2 Dichloroethene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU56-TW-3-S1	9/25/2013	cis-1,3-Dichloropropene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-3-S1	9/25/2013	Cobalt	0.896	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU56-TW-3-S1	9/25/2013	Copper	7.74	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU56-TW-3-S1	9/25/2013	Diallate	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-3-S1	9/25/2013	Dibenz(A,H)Anthracene	190	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-3-S1	9/25/2013	Dibenzofuran	160	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU56-TW-3-S1	9/25/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU56-TW-3-S1	9/25/2013	Diethyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU56-TW-3-S1	9/25/2013	Dimethoate	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-3-S1	9/25/2013	Dimethyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU56-TW-3-S1	9/25/2013	Di-N-Butyl Phthalate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S1	9/25/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-3-S1	9/25/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU56-TW-3-S1	9/25/2013	Ethyl Methacrylate	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU56-TW-3-S1	9/25/2013	Ethyl Methanesulfonate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-3-S1	9/25/2013	Ethylbenzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-3-S1	9/25/2013	Ethylbenzene	3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-3-S1	9/25/2013	Fluoranthene	2000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-3-S1	9/25/2013	Fluoranthene	5500	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-3-S1	9/25/2013	Fluorene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-3-S1	9/25/2013	Fluorene	370	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-3-S1	9/25/2013	Hexachlorobenzene	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU56-TW-3-S1	9/25/2013	Hexachlorobutadiene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-3-S1	9/25/2013	Hexachlorocyclopentadiene	180	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-3-S1	9/25/2013	Hexachloroethane	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU56-TW-3-S1	9/25/2013	Hexachloropropylene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-3-S1	9/25/2013	Indeno (1,2,3-CD) Pyrene	800	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S1	9/25/2013	Indeno (1,2,3-CD) Pyrene	1700	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-3-S1	9/25/2013	Iodomethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-3-S1	9/25/2013	Isobutyl Alcohol	83	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-3-S1	9/25/2013	Isodrin	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU56-TW-3-S1	9/25/2013	Isophorone	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU56-TW-3-S1	9/25/2013	Isosafrole	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-3-S1	9/25/2013	Lead	16.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU56-TW-3-S1	9/25/2013	Mercury	0.092	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU56-TW-3-S1	9/25/2013	Meta- And Para-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU56-TW-3-S1	9/25/2013	Methacrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-3-S1	9/25/2013	Methapyrilene	1800	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-3-S1	9/25/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-3-S1	9/25/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-3-S1	9/25/2013	Methyl Ethyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU56-TW-3-S1	9/25/2013	Methyl Isobutyl Ketone	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-3-S1	9/25/2013	Methyl Methacrylate	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-3-S1	9/25/2013	Methyl Methanesulfonate	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-3-S1	9/25/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-3-S1	9/25/2013	Methylene Bromide	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-3-S1	9/25/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-3-S1	9/25/2013	Naphthalene	400	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-3-S1	9/25/2013	Naphthalene	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-3-S1	9/25/2013	Naphthalene	85	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-3-S1	9/25/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	6.54	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-3-S1	9/25/2013	N-Dioctyl Phthalate	130	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-3-S1	9/25/2013	Nickel	5.25	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU56-TW-3-S1	9/25/2013	Nitrobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-3-S1	9/25/2013	N-Nitroso(Methyl)Ethylamine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-3-S1	9/25/2013	N-Nitrosodiethylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU56-TW-3-S1	9/25/2013	N-Nitrosodimethylamine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU56-TW-3-S1	9/25/2013	N-Nitroso-Di-N-Butylamine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU56-TW-3-S1	9/25/2013	N-Nitrosodi-N-Propylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU56-TW-3-S1	9/25/2013	N-Nitrosodiphenylamine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU56-TW-3-S1	9/25/2013	N-Nitrosomorpholine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU56-TW-3-S1	9/25/2013	N-Nitrosopiperidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU56-TW-3-S1	9/25/2013	N-Nitrosopyrrolidine	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU56-TW-3-S1	9/25/2013	O,O,O-Triethylphosphorothioate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU56-TW-3-S1	9/25/2013	Ortho-Xylene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU56-TW-3-S1	9/25/2013	O-Toluidine	220	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU56-TW-3-S1	9/25/2013	para-Phenylenediamine	13000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU56-TW-3-S1	9/25/2013	Pentachlorobenzene	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU56-TW-3-S1	9/25/2013	Pentachloroethane	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU56-TW-3-S1	9/25/2013	Pentachloronitrobenzene	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU56-TW-3-S1	9/25/2013	Pentachlorophenol	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU56-TW-3-S1	9/25/2013	Phenacetin	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU56-TW-3-S1	9/25/2013	Phenanthrene	3300	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-3-S1	9/25/2013	Phenanthrene	1000	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-3-S1	9/25/2013	Phenol	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-3-S1	9/25/2013	Pronamide	36	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU56-TW-3-S1	9/25/2013	Propionitrile	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-3-S1	9/25/2013	Pyrene	4400	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-3-S1	9/25/2013	Pyrene	1600	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-3-S1	9/25/2013	Pyridine	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU56-TW-3-S1	9/25/2013	Safrole	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-3-S1	9/25/2013	Selenium	0.261	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-3-S1	9/25/2013	Silver	0.184	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-3-S1	9/25/2013	Styrene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU56-TW-3-S1	9/25/2013	Tetrachloroethene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU56-TW-3-S1	9/25/2013	Tetraethyl Dithiopyrophosphate	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU56-TW-3-S1	9/25/2013	Thallium	0.0739	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU56-TW-3-S1	9/25/2013	Thionazin	72	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-3-S1	9/25/2013	Tin	2.12	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU56-TW-3-S1	9/25/2013	Toluene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-3-S1	9/25/2013	Toluene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-3-S1	9/25/2013	trans-1,2-Dichloroethene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU56-TW-3-S1	9/25/2013	trans-1,3-Dichloropropene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-3-S1	9/25/2013	trans-1,4-Dichlorobutene-2	8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU56-TW-3-S1	9/25/2013	Trichloroethene	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU56-TW-3-S1	9/25/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU56-TW-3-S1	9/25/2013	Unadjusted C11 - C22 Aromatics	35	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-3-S1	9/25/2013	Vanadium	13.2	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-3-S1	9/25/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-3-S1	9/25/2013	Vinyl Chloride	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU56-TW-3-S1	9/25/2013	Xylenes	0.8	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU56-TW-3-S1	9/25/2013	Zinc	129	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU59-TW-1-S1	9/25/2013	Biphenyl	160	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU59-TW-1-S1	9/25/2013	Diphenyl Ether	620	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU60-TW-1-S1	9/25/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU60-TW-1-S1	9/25/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-1-S1	9/24/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-1-S1	9/24/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-3-S1	9/25/2013	Biphenyl	21	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-3-S1	9/25/2013	Diphenyl Ether	22	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-4-S1	9/25/2013	Biphenyl	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-4-S1	9/25/2013	Diphenyl Ether	18	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-1-S1	9/26/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU64-TW-1-S1	9/26/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU64-TW-1-S1	9/26/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU64-TW-1-S1	9/26/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU64-TW-1-S1	9/26/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-1-S1	9/26/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU64-TW-1-S1	9/26/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU64-TW-1-S1	9/26/2013	1,2,4,5-Tetrachlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU64-TW-1-S1	9/26/2013	1,2,4-Trichlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU64-TW-1-S1	9/26/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU64-TW-1-S1	9/26/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU64-TW-1-S1	9/26/2013	1,2-Dichlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU64-TW-1-S1	9/26/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-1-S1	9/26/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU64-TW-1-S1	9/26/2013	1,2-Diphenylhydrazine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-1-S1	9/26/2013	1,3,5-Trinitrobenzene	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU64-TW-1-S1	9/26/2013	1,3-Dichlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-1-S1	9/26/2013	1,3-Dinitrobenzene	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU64-TW-1-S1	9/26/2013	1,4-Dichlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU64-TW-1-S1	9/26/2013	1,4-Dioxane	5.3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-1-S1	9/26/2013	1,4-Naphthoquinone	6000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU64-TW-1-S1	9/26/2013	1-Naphthylamine	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU64-TW-1-S1	9/26/2013	2,3,4,6-Tetrachlorophenol	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU64-TW-1-S1	9/26/2013	2,4,5-Trichlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S1	9/26/2013	2,4,6-Trichlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU64-TW-1-S1	9/26/2013	2,4-Dichlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU64-TW-1-S1	9/26/2013	2,4-Dimethylphenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU64-TW-1-S1	9/26/2013	2,4-Dinitrophenol	2200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU64-TW-1-S1	9/26/2013	2,4-Dinitrotoluene	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU64-TW-1-S1	9/26/2013	2,6-Dichlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU64-TW-1-S1	9/26/2013	2,6-Dinitrotoluene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-1-S1	9/26/2013	2-Acetylaminofluorene	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU64-TW-1-S1	9/26/2013	2-Chloronaphthalene	51	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU64-TW-1-S1	9/26/2013	2-Chlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU64-TW-1-S1	9/26/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU64-TW-1-S1	9/26/2013	2-Methylnaphthalene	24	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU64-TW-1-S1	9/26/2013	2-Methylnaphthalene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU64-TW-1-S1	9/26/2013	2-Methylphenol (O-Cresol)	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S1	9/26/2013	2-Naphthylamine	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU64-TW-1-S1	9/26/2013	2-Nitroaniline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-1-S1	9/26/2013	2-Nitrophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU64-TW-1-S1	9/26/2013	2-Picoline	720	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU64-TW-1-S1	9/26/2013	3,3'-Dichlorobenzidine	720	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU64-TW-1-S1	9/26/2013	3,3'-Dimethylbenzidine	3600	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU64-TW-1-S1	9/26/2013	3-Methylcholanthrene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU64-TW-1-S1	9/26/2013	3-Nitroaniline	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU64-TW-1-S1	9/26/2013	4,6-Dinitro-2-Methylphenol	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU64-TW-1-S1	9/26/2013	4-Aminobiphenyl	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU64-TW-1-S1	9/26/2013	4-Bromophenyl Phenyl Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-1-S1	9/26/2013	4-Chloro-3-Methylphenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S1	9/26/2013	4-Chloroaniline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU64-TW-1-S1	9/26/2013	4-Chlorophenyl Phenyl Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU64-TW-1-S1	9/26/2013	4-Dimethylaminoazobenzene	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU64-TW-1-S1	9/26/2013	4-Methylphenol (P-Cresol)	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S1	9/26/2013	4-Nitroaniline	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU64-TW-1-S1	9/26/2013	4-Nitrophenol	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-1-S1	9/26/2013	4-Nitroquinoline-N-Oxide	2400	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU64-TW-1-S1	9/26/2013	5-Nitro-Ortho-Toluidine	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU64-TW-1-S1	9/26/2013	7,12-Dimethylbenz[A]Anthracene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU64-TW-1-S1	9/26/2013	Acenaphthene	31	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU64-TW-1-S1	9/26/2013	Acenaphthene	140	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU64-TW-1-S1	9/26/2013	Acenaphthylene	24	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU64-TW-1-S1	9/26/2013	Acenaphthylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU64-TW-1-S1	9/26/2013	Acetone	16	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-1-S1	9/26/2013	Acetonitrile	28	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-1-S1	9/26/2013	Acetophenone	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU64-TW-1-S1	9/26/2013	Acrolein	23	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-1-S1	9/26/2013	Acrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-1-S1	9/26/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU64-TW-1-S1	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	720	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU64-TW-1-S1	9/26/2013	Aniline	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU64-TW-1-S1	9/26/2013	Anthracene	220	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-1-S1	9/26/2013	Anthracene	94	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-1-S1	9/26/2013	Antimony	0.859	MG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU64-TW-1-S1	9/26/2013	Aramite	480	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU64-TW-1-S1	9/26/2013	Arsenic	1.7	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU64-TW-1-S1	9/26/2013	Barium	8.29	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU64-TW-1-S1	9/26/2013	Benzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU64-TW-1-S1	9/26/2013	Benzene	1	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU64-TW-1-S1	9/26/2013	Benzo(A)Anthracene	270	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S1	9/26/2013	Benzo(A)Anthracene	870	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S1	9/26/2013	Benzo(B)Fluoranthene	1700	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S1	9/26/2013	Benzo(B)Fluoranthene	350	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S1	9/26/2013	Benzo(G,H,I)Perylene	130	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU64-TW-1-S1	9/26/2013	Benzo(G,H,I)Perylene	400	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU64-TW-1-S1	9/26/2013	Benzo(K)Fluoranthene	93	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU64-TW-1-S1	9/26/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU64-TW-1-S1	9/26/2013	Benzyl Alcohol	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S1	9/26/2013	Beryllium	0.0778	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU64-TW-1-S1	9/26/2013	Biphenyl	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-1-S1	9/26/2013	Bis(2-Chloroethoxy)Methane	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU64-TW-1-S1	9/26/2013	Bis(2-Chloroethyl)Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU64-TW-1-S1	9/26/2013	Bis(2-Chloroisopropyl)Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU64-TW-1-S1	9/26/2013	Bis(2-Ethylhexyl)Phthalate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU64-TW-1-S1	9/26/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU64-TW-1-S1	9/26/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU64-TW-1-S1	9/26/2013	Butyl Benzyl Phthalate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU64-TW-1-S1	9/26/2013	C11 to C22 Aromatics	24	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-1-S1	9/26/2013	C19 to C36 Aliphatics	14	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU64-TW-1-S1	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	8.66	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU64-TW-1-S1	9/26/2013	C5 - C8 Aliphatic Hydrocarbons, unadjusted	8.66	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU64-TW-1-S1	9/26/2013	C9 through C10 Aromatic Hydrocarbons	8.66	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-1-S1	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	8.66	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-1-S1	9/26/2013	C9 to C18 Aliphatics	7.2	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-1-S1	9/26/2013	Cadmium	0.145	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU64-TW-1-S1	9/26/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-1-S1	9/26/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU64-TW-1-S1	9/26/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU64-TW-1-S1	9/26/2013	Chlorobenzilate	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU64-TW-1-S1	9/26/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU64-TW-1-S1	9/26/2013	Benzo[A]Pyrene	210	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-1-S1	9/26/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU64-TW-1-S1	9/26/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU64-TW-1-S1	9/26/2013	Benzo[A]Pyrene	740	UG/KG			Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-1-S1	9/26/2013	Chromium	8.25	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU64-TW-1-S1	9/26/2013	Chrysene	270	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU64-TW-1-S1	9/26/2013	Chrysene	970	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU64-TW-1-S1	9/26/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU64-TW-1-S1	9/26/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU64-TW-1-S1	9/26/2013	Cobalt	0.224	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU64-TW-1-S1	9/26/2013	Copper	0.337	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU64-TW-1-S1	9/26/2013	Diallate	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU64-TW-1-S1	9/26/2013	Dibenz(A,H)Anthracene	24	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-1-S1	9/26/2013	Dibenz(A,H)Anthracene	140	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-1-S1	9/26/2013	Dibenzofuran	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU64-TW-1-S1	9/26/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU64-TW-1-S1	9/26/2013	Diethyl Phthalate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU64-TW-1-S1	9/26/2013	Diethylene Glycol	6000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU64-TW-1-S1	9/26/2013	Dimethoate	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-1-S1	9/26/2013	Dimethyl Phthalate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU64-TW-1-S1	9/26/2013	Di-N-Butyl Phthalate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S1	9/26/2013	Diphenyl Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-1-S1	9/26/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU64-TW-1-S1	9/26/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU64-TW-1-S1	9/26/2013	Ethyl Methanesulfonate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-1-S1	9/26/2013	Ethylbenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU64-TW-1-S1	9/26/2013	Ethylbenzene	3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU64-TW-1-S1	9/26/2013	Ethylene Glycol	6000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-1-S1	9/26/2013	Fluoranthene	3200	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-1-S1	9/26/2013	Fluoranthene	740	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-1-S1	9/26/2013	Fluorene	130	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-1-S1	9/26/2013	Fluorene	41	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-1-S1	9/26/2013	Hexachlorobenzene	24	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU64-TW-1-S1	9/26/2013	Hexachlorobutadiene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU64-TW-1-S1	9/26/2013	Hexachlorocyclopentadiene	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-1-S1	9/26/2013	Hexachloroethane	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU64-TW-1-S1	9/26/2013	Hexachloropropylene	720	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU64-TW-1-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG	J			Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	480	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S1	9/26/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU64-TW-1-S1	9/26/2013	Isobutyl Alcohol	110	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU64-TW-1-S1	9/26/2013	Isodrin	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU64-TW-1-S1	9/26/2013	Isophorone	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU64-TW-1-S1	9/26/2013	Isosafrole	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU64-TW-1-S1	9/26/2013	Lead	4.45	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU64-TW-1-S1	9/26/2013	Mercury	0.0236	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU64-TW-1-S1	9/26/2013	Meta- And Para-Xylene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU64-TW-1-S1	9/26/2013	Methacrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-1-S1	9/26/2013	Methapyrilene	12000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU64-TW-1-S1	9/26/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU64-TW-1-S1	9/26/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU64-TW-1-S1	9/26/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU64-TW-1-S1	9/26/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-1-S1	9/26/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-1-S1	9/26/2013	Methyl Methanesulfonate	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-1-S1	9/26/2013	Methyl Tertiary Butyl Ether	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU64-TW-1-S1	9/26/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU64-TW-1-S1	9/26/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU64-TW-1-S1	9/26/2013	Naphthalene	24	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-1-S1	9/26/2013	Naphthalene	500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-1-S1	9/26/2013	Naphthalene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-1-S1	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	8.66	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-1-S1	9/26/2013	N-Dioctyl Phthalate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU64-TW-1-S1	9/26/2013	Nickel	2.1	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU64-TW-1-S1	9/26/2013	Nitrobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-1-S1	9/26/2013	N-Nitroso(Methyl)Ethylamine	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU64-TW-1-S1	9/26/2013	N-Nitrosodiethylamine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU64-TW-1-S1	9/26/2013	N-Nitrosodimethylamine	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU64-TW-1-S1	9/26/2013	N-Nitroso-Di-N-Butylamine	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU64-TW-1-S1	9/26/2013	N-Nitrosodi-N-Propylamine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU64-TW-1-S1	9/26/2013	N-Nitrosodiphenylamine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU64-TW-1-S1	9/26/2013	N-Nitrosomorpholine	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU64-TW-1-S1	9/26/2013	N-Nitrosopiperidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU64-TW-1-S1	9/26/2013	N-Nitrosopyrrolidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU64-TW-1-S1	9/26/2013	O,O,O-Triethylphosphorothioate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU64-TW-1-S1	9/26/2013	Ortho-Xylene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU64-TW-1-S1	9/26/2013	O-Toluidine	1400	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU64-TW-1-S1	9/26/2013	para-Phenylenediamine	85000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU64-TW-1-S1	9/26/2013	Pentachlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU64-TW-1-S1	9/26/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU64-TW-1-S1	9/26/2013	Pentachloronitrobenzene	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU64-TW-1-S1	9/26/2013	Pentachlorophenol	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU64-TW-1-S1	9/26/2013	Phenacetin	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU64-TW-1-S1	9/26/2013	Phenanthrene	600	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU64-TW-1-S1	9/26/2013	Phenanthrene	3100	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU64-TW-1-S1	9/26/2013	Phenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU64-TW-1-S1	9/26/2013	Pronamide	240	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU64-TW-1-S1	9/26/2013	Propionitrile	34	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU64-TW-1-S1	9/26/2013	Propylene Glycol	6000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-1-S1	9/26/2013	Pyrene	650	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU64-TW-1-S1	9/26/2013	Pyrene	2700	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU64-TW-1-S1	9/26/2013	Pyridine	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU64-TW-1-S1	9/26/2013	Safrole	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU64-TW-1-S1	9/26/2013	Selenium	0.283	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-1-S1	9/26/2013	Silver	0.197	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-1-S1	9/26/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU64-TW-1-S1	9/26/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU64-TW-1-S1	9/26/2013	Tetraethyl Dithiopyrophosphate	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU64-TW-1-S1	9/26/2013	Thallium	0.0917	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU64-TW-1-S1	9/26/2013	Thionazin	480	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU64-TW-1-S1	9/26/2013	Tin	1.67	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU64-TW-1-S1	9/26/2013	Toluene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-1-S1	9/26/2013	Toluene	3	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-1-S1	9/26/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU64-TW-1-S1	9/26/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU64-TW-1-S1	9/26/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU64-TW-1-S1	9/26/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU64-TW-1-S1	9/26/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU64-TW-1-S1	9/26/2013	Triethylene Glycol	6000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU64-TW-1-S1	9/26/2013	Unadjusted C11 - C22 Aromatics	37	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-1-S1	9/26/2013	Vanadium	9.14	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-1-S1	9/26/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-1-S1	9/26/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU64-TW-1-S1	9/26/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU64-TW-1-S1	9/26/2013	Zinc	95.8	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU64-TW-2-S1	9/26/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-2-S1	9/26/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU64-TW-2-S1	9/26/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU64-TW-2-S1	9/26/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU64-TW-2-S1	9/26/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-2-S1	9/26/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU64-TW-2-S1	9/26/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU64-TW-2-S1	9/26/2013	1,2,4,5-Tetrachlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU64-TW-2-S1	9/26/2013	1,2,4-Trichlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU64-TW-2-S1	9/26/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU64-TW-2-S1	9/26/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU64-TW-2-S1	9/26/2013	1,2-Dichlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU64-TW-2-S1	9/26/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-2-S1	9/26/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU64-TW-2-S1	9/26/2013	1,2-Diphenylhydrazine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-2-S1	9/26/2013	1,3,5-Trinitrobenzene	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU64-TW-2-S1	9/26/2013	1,3-Dichlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-2-S1	9/26/2013	1,3-Dinitrobenzene	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU64-TW-2-S1	9/26/2013	1,4-Dichlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU64-TW-2-S1	9/26/2013	1,4-Dioxane	5.7	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-2-S1	9/26/2013	1,4-Naphthoquinone	6200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU64-TW-2-S1	9/26/2013	1-Naphthylamine	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU64-TW-2-S1	9/26/2013	2,3,4,6-Tetrachlorophenol	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU64-TW-2-S1	9/26/2013	2,4,5-Trichlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S1	9/26/2013	2,4,6-Trichlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU64-TW-2-S1	9/26/2013	2,4-Dichlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU64-TW-2-S1	9/26/2013	2,4-Dimethylphenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU64-TW-2-S1	9/26/2013	2,4-Dinitrophenol	2200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU64-TW-2-S1	9/26/2013	2,4-Dinitrotoluene	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU64-TW-2-S1	9/26/2013	2,6-Dichlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU64-TW-2-S1	9/26/2013	2,6-Dinitrotoluene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-2-S1	9/26/2013	2-Acetylaminofluorene	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU64-TW-2-S1	9/26/2013	2-Chloronaphthalene	52	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU64-TW-2-S1	9/26/2013	2-Chlorophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU64-TW-2-S1	9/26/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU64-TW-2-S1	9/26/2013	2-Methylnaphthalene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU64-TW-2-S1	9/26/2013	2-Methylnaphthalene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU64-TW-2-S1	9/26/2013	2-Methylphenol (O-Cresol)	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S1	9/26/2013	2-Naphthylamine	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU64-TW-2-S1	9/26/2013	2-Nitroaniline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU64-TW-2-S1	9/26/2013	2-Nitrophenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU64-TW-2-S1	9/26/2013	2-Picoline	740	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU64-TW-2-S1	9/26/2013	3,3'-Dichlorobenzidine	740	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU64-TW-2-S1	9/26/2013	3,3'-Dimethylbenzidine	3700	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU64-TW-2-S1	9/26/2013	3-Methylcholanthrene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU64-TW-2-S1	9/26/2013	3-Nitroaniline	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU64-TW-2-S1	9/26/2013	4,6-Dinitro-2-Methylphenol	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU64-TW-2-S1	9/26/2013	4-Aminobiphenyl	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU64-TW-2-S1	9/26/2013	4-Bromophenyl Phenyl Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-2-S1	9/26/2013	4-Chloro-3-Methylphenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S1	9/26/2013	4-Chloroaniline	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU64-TW-2-S1	9/26/2013	4-Chlorophenyl Phenyl Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU64-TW-2-S1	9/26/2013	4-Dimethylaminoazobenzene	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU64-TW-2-S1	9/26/2013	4-Methylphenol (P-Cresol)	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S1	9/26/2013	4-Nitroaniline	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU64-TW-2-S1	9/26/2013	4-Nitrophenol	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-2-S1	9/26/2013	4-Nitroquinoline-N-Oxide	2500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU64-TW-2-S1	9/26/2013	5-Nitro-Ortho-Toluidine	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU64-TW-2-S1	9/26/2013	7,12-Dimethylbenz[A]Anthracene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU64-TW-2-S1	9/26/2013	Acenaphthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU64-TW-2-S1	9/26/2013	Acenaphthene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU64-TW-2-S1	9/26/2013	Acenaphthylene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU64-TW-2-S1	9/26/2013	Acenaphthylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-2-S1	9/26/2013	Acetone	12	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-2-S1	9/26/2013	Acetonitrile	29	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-2-S1	9/26/2013	Acetophenone	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU64-TW-2-S1	9/26/2013	Acrolein	23	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-2-S1	9/26/2013	Acrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-2-S1	9/26/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU64-TW-2-S1	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	740	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU64-TW-2-S1	9/26/2013	Aniline	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU64-TW-2-S1	9/26/2013	Anthracene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-2-S1	9/26/2013	Anthracene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-2-S1	9/26/2013	Antimony	0.896	MG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU64-TW-2-S1	9/26/2013	Aramite	490	UG/KG	U	UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU64-TW-2-S1	9/26/2013	Arsenic	1.48	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU64-TW-2-S1	9/26/2013	Barium	8.59	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU64-TW-2-S1	9/26/2013	Benzene	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU64-TW-2-S1	9/26/2013	Benzene	0.9	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU64-TW-2-S1	9/26/2013	Benzo(A)Anthracene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S1	9/26/2013	Benzo(A)Anthracene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S1	9/26/2013	Benzo(B)Fluoranthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S1	9/26/2013	Benzo(B)Fluoranthene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S1	9/26/2013	Benzo(G,H,I)Perylene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU64-TW-2-S1	9/26/2013	Benzo(G,H,I)Perylene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU64-TW-2-S1	9/26/2013	Benzo(K)Fluoranthene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU64-TW-2-S1	9/26/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU64-TW-2-S1	9/26/2013	Benzo[A]Pyrene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-2-S1	9/26/2013	Benzo[A]Pyrene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-2-S1	9/26/2013	Benzyl Alcohol	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S1	9/26/2013	Beryllium	0.0811	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU64-TW-2-S1	9/26/2013	Biphenyl	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-2-S1	9/26/2013	Bis(2-Chloroethoxy)Methane	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU64-TW-2-S1	9/26/2013	Bis(2-Chloroethyl)Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU64-TW-2-S1	9/26/2013	Bis(2-Chloroisopropyl)Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU64-TW-2-S1	9/26/2013	Bis(2-Ethylhexyl)Phthalate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU64-TW-2-S1	9/26/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU64-TW-2-S1	9/26/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU64-TW-2-S1	9/26/2013	Butyl Benzyl Phthalate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU64-TW-2-S1	9/26/2013	C11 to C22 Aromatics	15	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-2-S1	9/26/2013	C19 to C36 Aliphatics	15	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU64-TW-2-S1	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	8.94	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU64-TW-2-S1	9/26/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	8.94	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU64-TW-2-S1	9/26/2013	C9 through C10 Aromatic Hydrocarbons	8.94	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU64-TW-2-S1	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	8.94	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-2-S1	9/26/2013	C9 to C18 Aliphatics	7.4	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-2-S1	9/26/2013	Cadmium	0.092	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU64-TW-2-S1	9/26/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-2-S1	9/26/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU64-TW-2-S1	9/26/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU64-TW-2-S1	9/26/2013	Chlorobenzilate	250	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU64-TW-2-S1	9/26/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU64-TW-2-S1	9/26/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU64-TW-2-S1	9/26/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU64-TW-2-S1	9/26/2013	Chromium	7.19	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU64-TW-2-S1	9/26/2013	Chrysene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU64-TW-2-S1	9/26/2013	Chrysene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU64-TW-2-S1	9/26/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU64-TW-2-S1	9/26/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU64-TW-2-S1	9/26/2013	Cobalt	0.286	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU64-TW-2-S1	9/26/2013	Copper	0.41	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU64-TW-2-S1	9/26/2013	Diallate	250	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU64-TW-2-S1	9/26/2013	Dibenz(A,H)Anthracene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-2-S1	9/26/2013	Dibenz(A,H)Anthracene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-2-S1	9/26/2013	Dibenzofuran	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-2-S1	9/26/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU64-TW-2-S1	9/26/2013	Diethyl Phthalate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU64-TW-2-S1	9/26/2013	Diethylene Glycol	6200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU64-TW-2-S1	9/26/2013	Dimethoate	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-2-S1	9/26/2013	Dimethyl Phthalate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU64-TW-2-S1	9/26/2013	Di-N-Butyl Phthalate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S1	9/26/2013	Diphenyl Ether	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-2-S1	9/26/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU64-TW-2-S1	9/26/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU64-TW-2-S1	9/26/2013	Ethyl Methanesulfonate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-2-S1	9/26/2013	Ethylbenzene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU64-TW-2-S1	9/26/2013	Ethylbenzene	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU64-TW-2-S1	9/26/2013	Ethylene Glycol	6200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-2-S1	9/26/2013	Fluoranthene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-2-S1	9/26/2013	Fluoranthene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-2-S1	9/26/2013	Fluorene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-2-S1	9/26/2013	Fluorene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-2-S1	9/26/2013	Hexachlorobenzene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU64-TW-2-S1	9/26/2013	Hexachlorobutadiene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU64-TW-2-S1	9/26/2013	Hexachlorocyclopentadiene	1200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-2-S1	9/26/2013	Hexachloroethane	250	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU64-TW-2-S1	9/26/2013	Hexachloropropylene	740	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU64-TW-2-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S1	9/26/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S1	9/26/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU64-TW-2-S1	9/26/2013	Isobutyl Alcohol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU64-TW-2-S1	9/26/2013	Isodrin	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU64-TW-2-S1	9/26/2013	Isophorone	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU64-TW-2-S1	9/26/2013	Isosafrole	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU64-TW-2-S1	9/26/2013	Lead	4.52	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU64-TW-2-S1	9/26/2013	Mercury	0.0602	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU64-TW-2-S1	9/26/2013	Meta- And Para-Xylene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU64-TW-2-S1	9/26/2013	Methacrylonitrile	6	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-2-S1	9/26/2013	Methapyrilene	12000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU64-TW-2-S1	9/26/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU64-TW-2-S1	9/26/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU64-TW-2-S1	9/26/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU64-TW-2-S1	9/26/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-2-S1	9/26/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU64-TW-2-S1	9/26/2013	Methyl Methanesulfonate	250	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-2-S1	9/26/2013	Methyl Tertiary Butyl Ether	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU64-TW-2-S1	9/26/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU64-TW-2-S1	9/26/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU64-TW-2-S1	9/26/2013	Naphthalene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-2-S1	9/26/2013	Naphthalene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-2-S1	9/26/2013	Naphthalene	500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-2-S1	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	8.94	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-2-S1	9/26/2013	N-Dioctyl Phthalate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU64-TW-2-S1	9/26/2013	Nickel	1.68	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU64-TW-2-S1	9/26/2013	Nitrobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-2-S1	9/26/2013	N-Nitroso(Methyl)Ethylamine	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU64-TW-2-S1	9/26/2013	N-Nitrosodiethylamine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU64-TW-2-S1	9/26/2013	N-Nitrosodimethylamine	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU64-TW-2-S1	9/26/2013	N-Nitroso-Di-N-Butylamine	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU64-TW-2-S1	9/26/2013	N-Nitrosodi-N-Propylamine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU64-TW-2-S1	9/26/2013	N-Nitrosodiphenylamine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU64-TW-2-S1	9/26/2013	N-Nitrosomorpholine	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU64-TW-2-S1	9/26/2013	N-Nitrosopiperidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU64-TW-2-S1	9/26/2013	N-Nitrosopyrrolidine	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU64-TW-2-S1	9/26/2013	O,O,O-Triethylphosphorothioate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU64-TW-2-S1	9/26/2013	Ortho-Xylene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU64-TW-2-S1	9/26/2013	O-Toluidine	1500	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-2-S1	9/26/2013	para-Phenylenediamine	86000	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU64-TW-2-S1	9/26/2013	Pentachlorobenzene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU64-TW-2-S1	9/26/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU64-TW-2-S1	9/26/2013	Pentachloronitrobenzene	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU64-TW-2-S1	9/26/2013	Pentachlorophenol	250	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU64-TW-2-S1	9/26/2013	Phenacetin	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU64-TW-2-S1	9/26/2013	Phenanthrene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU64-TW-2-S1	9/26/2013	Phenanthrene	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU64-TW-2-S1	9/26/2013	Phenol	120	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU64-TW-2-S1	9/26/2013	Pronamide	250	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU64-TW-2-S1	9/26/2013	Propionitrile	35	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU64-TW-2-S1	9/26/2013	Propylene Glycol	6200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-2-S1	9/26/2013	Pyrene	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU64-TW-2-S1	9/26/2013	Pyrene	25	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU64-TW-2-S1	9/26/2013	Pyridine	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU64-TW-2-S1	9/26/2013	Safrole	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU64-TW-2-S1	9/26/2013	Selenium	0.244	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-2-S1	9/26/2013	Silver	0.206	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-2-S1	9/26/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU64-TW-2-S1	9/26/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU64-TW-2-S1	9/26/2013	Tetraethyl Dithiopyrophosphate	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU64-TW-2-S1	9/26/2013	Thallium	0.0921	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU64-TW-2-S1	9/26/2013	Thionazin	490	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU64-TW-2-S1	9/26/2013	Tin	1.78	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU64-TW-2-S1	9/26/2013	Toluene	1	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-2-S1	9/26/2013	Toluene	200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-2-S1	9/26/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU64-TW-2-S1	9/26/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU64-TW-2-S1	9/26/2013	trans-1,4-Dichlorobutene-2	12	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU64-TW-2-S1	9/26/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU64-TW-2-S1	9/26/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU64-TW-2-S1	9/26/2013	Triethylene Glycol	6200	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU64-TW-2-S1	9/26/2013	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-2-S1	9/26/2013	Vanadium	10.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-2-S1	9/26/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-2-S1	9/26/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU64-TW-2-S1	9/26/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU64-TW-2-S1	9/26/2013	Zinc	6.6	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU82-TW-1-S1	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU82-TW-1-S1	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU82-TW-1-S1	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU82-TW-1-S1	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-1-S1	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-1-S1	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU82-TW-1-S1	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU82-TW-1-S1	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU82-TW-1-S1	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU82-TW-1-S1	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU82-TW-1-S1	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU82-TW-1-S1	10/1/2013	1,4-Dioxane	5.1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-1-S1	10/1/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-1-S1	10/1/2013	Acetone	7	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU82-TW-1-S1	10/1/2013	Acetonitrile	26	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-1-S1	10/1/2013	Acrolein	21	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU82-TW-1-S1	10/1/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU82-TW-1-S1	10/1/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-1-S1	10/1/2013	Antimony	0.898	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU82-TW-1-S1	10/1/2013	Arsenic	1.42	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU82-TW-1-S1	10/1/2013	Barium	7.79	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU82-TW-1-S1	10/1/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU82-TW-1-S1	10/1/2013	Beryllium	0.0813	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU82-TW-1-S1	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU82-TW-1-S1	10/1/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU82-TW-1-S1	10/1/2013	Cadmium	0.0922	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU82-TW-1-S1	10/1/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-1-S1	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU82-TW-1-S1	10/1/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-1-S1	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU82-TW-1-S1	10/1/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-1-S1	10/1/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU82-TW-1-S1	10/1/2013	Chromium	8.24	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU82-TW-1-S1	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU82-TW-1-S1	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-1-S1	10/1/2013	Cobalt	0.282	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU82-TW-1-S1	10/1/2013	Copper	0.743	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU82-TW-1-S1	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU82-TW-1-S1	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU82-TW-1-S1	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU82-TW-1-S1	10/1/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU82-TW-1-S1	10/1/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-1-S1	10/1/2013	Isobutyl Alcohol	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU82-TW-1-S1	10/1/2013	Lead	4.78	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU82-TW-1-S1	10/1/2013	Mercury	0.0233	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU82-TW-1-S1	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU82-TW-1-S1	10/1/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-1-S1	10/1/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU82-TW-1-S1	10/1/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU82-TW-1-S1	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU82-TW-1-S1	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU82-TW-1-S1	10/1/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU82-TW-1-S1	10/1/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU82-TW-1-S1	10/1/2013	Nickel	1.65	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU82-TW-1-S1	10/1/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU82-TW-1-S1	10/1/2013	Propionitrile	31	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU82-TW-1-S1	10/1/2013	Selenium	0.147	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-1-S1	10/1/2013	Silver	0.206	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-1-S1	10/1/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU82-TW-1-S1	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU82-TW-1-S1	10/1/2013	Thallium	0.0551	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU82-TW-1-S1	10/1/2013	Tin	1.85	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU82-TW-1-S1	10/1/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-1-S1	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU82-TW-1-S1	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-1-S1	10/1/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU82-TW-1-S1	10/1/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU82-TW-1-S1	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU82-TW-1-S1	10/1/2013	Vanadium	10.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-1-S1	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-1-S1	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU82-TW-1-S1	10/1/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU82-TW-1-S1	10/1/2013	Zinc	9.02	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU82-TW-2-S1	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU82-TW-2-S1	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU82-TW-2-S1	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU82-TW-2-S1	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-2-S1	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-2-S1	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU82-TW-2-S1	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU82-TW-2-S1	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU82-TW-2-S1	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU82-TW-2-S1	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU82-TW-2-S1	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU82-TW-2-S1	10/1/2013	1,4-Dioxane	5.4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-2-S1	10/1/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU82-TW-2-S1	10/1/2013	Acetone	35	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU82-TW-2-S1	10/1/2013	Acetonitrile	26	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-2-S1	10/1/2013	Acrolein	21	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU82-TW-2-S1	10/1/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU82-TW-2-S1	10/1/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-2-S1	10/1/2013	Antimony	0.919	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU82-TW-2-S1	10/1/2013	Arsenic	2.05	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU82-TW-2-S1	10/1/2013	Barium	9.23	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU82-TW-2-S1	10/1/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU82-TW-2-S1	10/1/2013	Beryllium	0.0832	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU82-TW-2-S1	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-2-S1	10/1/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU82-TW-2-S1	10/1/2013	Cadmium	0.161	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU82-TW-2-S1	10/1/2013	Carbon Disulfide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-2-S1	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU82-TW-2-S1	10/1/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-2-S1	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU82-TW-2-S1	10/1/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-2-S1	10/1/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU82-TW-2-S1	10/1/2013	Chromium	9.24	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU82-TW-2-S1	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU82-TW-2-S1	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-2-S1	10/1/2013	Cobalt	0.283	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU82-TW-2-S1	10/1/2013	Copper	0.63	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU82-TW-2-S1	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU82-TW-2-S1	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU82-TW-2-S1	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU82-TW-2-S1	10/1/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU82-TW-2-S1	10/1/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-2-S1	10/1/2013	Isobutyl Alcohol	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU82-TW-2-S1	10/1/2013	Lead	8.15	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU82-TW-2-S1	10/1/2013	Mercury	0.219	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU82-TW-2-S1	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU82-TW-2-S1	10/1/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-2-S1	10/1/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU82-TW-2-S1	10/1/2013	Methyl Ethyl Ketone	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU82-TW-2-S1	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU82-TW-2-S1	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU82-TW-2-S1	10/1/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU82-TW-2-S1	10/1/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU82-TW-2-S1	10/1/2013	Nickel	1.34	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU82-TW-2-S1	10/1/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU82-TW-2-S1	10/1/2013	Propionitrile	31	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU82-TW-2-S1	10/1/2013	Selenium	0.196	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-2-S1	10/1/2013	Silver	0.211	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-2-S1	10/1/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU82-TW-2-S1	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU82-TW-2-S1	10/1/2013	Thallium	0.0656	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU82-TW-2-S1	10/1/2013	Tin	1.95	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU82-TW-2-S1	10/1/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-2-S1	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU82-TW-2-S1	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-2-S1	10/1/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU82-TW-2-S1	10/1/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU82-TW-2-S1	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU82-TW-2-S1	10/1/2013	Vanadium	12.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-2-S1	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-2-S1	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU82-TW-2-S1	10/1/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU82-TW-2-S1	10/1/2013	Zinc	9.8	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU82-TW-3-S1	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU82-TW-3-S1	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU82-TW-3-S1	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU82-TW-3-S1	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-3-S1	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-3-S1	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU82-TW-3-S1	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU82-TW-3-S1	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU82-TW-3-S1	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU82-TW-3-S1	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU82-TW-3-S1	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU82-TW-3-S1	10/1/2013	1,4-Dioxane	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-3-S1	10/1/2013	2-Hexanone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-3-S1	10/1/2013	Acetone	55	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU82-TW-3-S1	10/1/2013	Acetonitrile	26	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-3-S1	10/1/2013	Acrolein	21	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU82-TW-3-S1	10/1/2013	Acrylonitrile	4	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU82-TW-3-S1	10/1/2013	Allyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-3-S1	10/1/2013	Antimony	2.65	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU82-TW-3-S1	10/1/2013	Arsenic	2.02	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU82-TW-3-S1	10/1/2013	Barium	11.8	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU82-TW-3-S1	10/1/2013	Benzene	0.5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU82-TW-3-S1	10/1/2013	Beryllium	0.0766	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU82-TW-3-S1	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-3-S1	10/1/2013	Bromoform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU82-TW-3-S1	10/1/2013	Cadmium	0.0868	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU82-TW-3-S1	10/1/2013	Carbon Disulfide	2	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-3-S1	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU82-TW-3-S1	10/1/2013	Chlorobenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-3-S1	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU82-TW-3-S1	10/1/2013	Chloroform	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-3-S1	10/1/2013	Chloroprene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU82-TW-3-S1	10/1/2013	Chromium	13.1	MG/KG				Y	0-2 Feet	FS	Soil	Site Background	42.7
SWMU82-TW-3-S1	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU82-TW-3-S1	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-3-S1	10/1/2013	Cobalt	0.362	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU82-TW-3-S1	10/1/2013	Copper	0.935	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU82-TW-3-S1	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU82-TW-3-S1	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU82-TW-3-S1	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU82-TW-3-S1	10/1/2013	Ethylbenzene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU82-TW-3-S1	10/1/2013	Iodomethane	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-3-S1	10/1/2013	Isobutyl Alcohol	100	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU82-TW-3-S1	10/1/2013	Lead	8.63	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU82-TW-3-S1	10/1/2013	Mercury	0.0808	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU82-TW-3-S1	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU82-TW-3-S1	10/1/2013	Methyl Bromide	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-3-S1	10/1/2013	Methyl Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU82-TW-3-S1	10/1/2013	Methyl Ethyl Ketone	5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU82-TW-3-S1	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU82-TW-3-S1	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU82-TW-3-S1	10/1/2013	Methylene Bromide	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU82-TW-3-S1	10/1/2013	Methylene Chloride	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU82-TW-3-S1	10/1/2013	Nickel	1.66	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU82-TW-3-S1	10/1/2013	Pentachloroethane	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU82-TW-3-S1	10/1/2013	Propionitrile	31	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU82-TW-3-S1	10/1/2013	Selenium	0.19	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-3-S1	10/1/2013	Silver	0.194	MG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-3-S1	10/1/2013	Styrene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU82-TW-3-S1	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU82-TW-3-S1	10/1/2013	Thallium	0.0702	MG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU82-TW-3-S1	10/1/2013	Tin	1.93	MG/KG	J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU82-TW-3-S1	10/1/2013	Toluene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-3-S1	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU82-TW-3-S1	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-3-S1	10/1/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU82-TW-3-S1	10/1/2013	Trichloroethene	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU82-TW-3-S1	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU82-TW-3-S1	10/1/2013	Vanadium	16.9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-3-S1	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-3-S1	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU82-TW-3-S1	10/1/2013	Xylenes	1	UG/KG	U			N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU82-TW-3-S1	10/1/2013	Zinc	5.32	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T1	5/24/2006	1,1,1,2-Tetrachloroethane	0.57	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T1	5/24/2006	1,1,1,2-Tetrachloroethane	0.56	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T1	5/24/2006	1,1,1-Trichloroethane	0.8	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T1	5/24/2006	1,1,1-Trichloroethane	0.81	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T1	5/24/2006	1,1,2,2-Tetrachloroethane	3.3	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T1	5/24/2006	1,1,2,2-Tetrachloroethane	3.3	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T1	5/24/2006	1,1,2-Trichloroethane	0.54	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T1	5/24/2006	1,1,2-Trichloroethane	0.55	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T1	5/24/2006	1,1-Dichloroethane	0.64	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T1	5/24/2006	1,1-Dichloroethane	0.65	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T1	5/24/2006	1,1-Dichloroethene	0.9	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T1	5/24/2006	1,1-Dichloroethene	0.89	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T1	5/24/2006	1,2,3-Trichloropropane	2.2	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	95
T1	5/24/2006	1,2,3-Trichloropropane	2.2	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T1	5/24/2006	1,2,4,5-Tetrachlorobenzene	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T1	5/24/2006	1,2,4,5-Tetrachlorobenzene	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T1	5/24/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T1	5/24/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T1	5/24/2006	1,2-Dibromo-3-Chloropropane	4.5	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
T1	5/24/2006	1,2-Dibromo-3-Chloropropane	4.4	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T1	5/24/2006	1,2-Dibromoethane (EDB)	0.79	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
T1	5/24/2006	1,2-Dibromoethane (EDB)	0.78	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T1	5/24/2006	1,2-Dichlorobenzene	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T1	5/24/2006	1,2-Dichlorobenzene	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T1	5/24/2006	1,2-Dichloroethane	0.79	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T1	5/24/2006	1,2-Dichloroethane	0.81	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T1	5/24/2006	1,2-Dichloropropane	0.7	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T1	5/24/2006	1,2-Dichloropropane	0.71	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T1	5/24/2006	1,2-Diphenylhydrazine	7.6	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T1	5/24/2006	1,2-Diphenylhydrazine	7.8	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T1	5/24/2006	1,3,5-Trinitrobenzene	290	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T1	5/24/2006	1,3,5-Trinitrobenzene	280	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T1	5/24/2006	1,3-Dichlorobenzene	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T1	5/24/2006	1,3-Dichlorobenzene	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T1	5/24/2006	1,3-Dinitrobenzene	8.3	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T1	5/24/2006	1,3-Dinitrobenzene	8.6	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T1	5/24/2006	1,4-Dichlorobenzene	17	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T1	5/24/2006	1,4-Dichlorobenzene	17	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T1	5/24/2006	1,4-Dioxane	58	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T1	5/24/2006	1,4-Dioxane	60	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T1	5/24/2006	1,4-Naphthoquinone	270	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T1	5/24/2006	1,4-Naphthoquinone	260	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T1	5/24/2006	1-Naphthylamine	40	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
T1	5/24/2006	1-Naphthylamine	39	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T1	5/24/2006	2,3,4,6-Tetrachlorophenol	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T1	5/24/2006	2,3,4,6-Tetrachlorophenol	17	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T1	5/24/2006	2,4,5-Trichlorophenol	34	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	2,4,5-Trichlorophenol	35	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	2,4,6-Trichlorophenol	43	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T1	5/24/2006	2,4,6-Trichlorophenol	44	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T1	5/24/2006	2,4-Dichlorophenol	17	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T1	5/24/2006	2,4-Dichlorophenol	17	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T1	5/24/2006	2,4-Dimethylphenol	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T1	5/24/2006	2,4-Dimethylphenol	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T1	5/24/2006	2,4-Dinitrophenol	270	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T1	5/24/2006	2,4-Dinitrophenol	270	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T1	5/24/2006	2,4-Dinitrotoluene	38	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T1	5/24/2006	2,4-Dinitrotoluene	37	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T1	5/24/2006	2,6-Dichlorophenol	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T1	5/24/2006	2,6-Dichlorophenol	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T1	5/24/2006	2,6-Dinitrotoluene	64	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T1	5/24/2006	2,6-Dinitrotoluene	62	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T1	5/24/2006	2-Acetylaminofluorene	20	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T1	5/24/2006	2-Acetylaminofluorene	21	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	450
T1	5/24/2006	2-Chloronaphthalene	13	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T1	5/24/2006	2-Chloronaphthalene	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T1	5/24/2006	2-Chlorophenol	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T1	5/24/2006	2-Chlorophenol	13	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T1	5/24/2006	2-Hexanone	3.1	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T1	5/24/2006	2-Hexanone	3.1	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T1	5/24/2006	2-Methylnaphthalene	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T1	5/24/2006	2-Methylnaphthalene	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T1	5/24/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	2-Naphthylamine	47	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T1	5/24/2006	2-Naphthylamine	48	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
T1	5/24/2006	2-Nitroaniline	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T1	5/24/2006	2-Nitroaniline	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T1	5/24/2006	2-Nitrophenol	62	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T1	5/24/2006	2-Nitrophenol	60	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T1	5/24/2006	2-Picoline	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T1	5/24/2006	2-Picoline	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T1	5/24/2006	3,3'-Dichlorobenzidine	38	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T1	5/24/2006	3,3'-Dichlorobenzidine	39	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T1	5/24/2006	3,3'-Dimethylbenzidine	110	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T1	5/24/2006	3,3'-Dimethylbenzidine	120	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	160
T1	5/24/2006	3-Methylcholanthrene	9.8	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T1	5/24/2006	3-Methylcholanthrene	10	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
T1	5/24/2006	3-Nitroaniline	39	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T1	5/24/2006	3-Nitroaniline	40	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T1	5/24/2006	4,6-Dinitro-2-Methylphenol	320	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T1	5/24/2006	4,6-Dinitro-2-Methylphenol	310	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T1	5/24/2006	4-Aminobiphenyl	110	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82
T1	5/24/2006	4-Aminobiphenyl	110	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T1	5/24/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T1	5/24/2006	4-Bromophenyl Phenyl Ether	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T1	5/24/2006	4-Chloro-3-Methylphenol	17	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	4-Chloroaniline	13	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T1	5/24/2006	4-Chloroaniline	12	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T1	5/24/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T1	5/24/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T1	5/24/2006	4-Dimethylaminoazobenzene	6.7	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T1	5/24/2006	4-Dimethylaminoazobenzene	6.9	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	370
T1	5/24/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	4-Nitroaniline	45	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T1	5/24/2006	4-Nitroaniline	47	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T1	5/24/2006	4-Nitrophenol	330	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T1	5/24/2006	4-Nitrophenol	320	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T1	5/24/2006	4-Nitroquinoline-N-Oxide	220	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T1	5/24/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T1	5/24/2006	5-Nitro-Ortho-Toluidine	31	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T1	5/24/2006	5-Nitro-Ortho-Toluidine	30	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T1	5/24/2006	7,12-Dimethylbenz[A]Anthracene	25	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.2

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T1	5/24/2006	7,12-Dimethylbenz[A]Anthracene	24	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T1	5/24/2006	Acenaphthene	12	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T1	5/24/2006	Acenaphthene	11	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T1	5/24/2006	Acenaphthylene	8.1	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T1	5/24/2006	Acenaphthylene	7.9	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T1	5/24/2006	Acetone	3.5	UG/KG	J	J		Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Acetone	1.8	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Acetonitrile	8	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T1	5/24/2006	Acetonitrile	8.1	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T1	5/24/2006	Acetophenone	17	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T1	5/24/2006	Acetophenone	17	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T1	5/24/2006	Acrolein	5.6	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
T1	5/24/2006	Acrolein	5.5	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T1	5/24/2006	Acrylonitrile	6.9	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T1	5/24/2006	Acrylonitrile	6.8	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T1	5/24/2006	Allyl Chloride	0.8	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T1	5/24/2006	Allyl Chloride	0.81	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T1	5/24/2006	Alpha,Alpha-Dimethylphenethylamine	410	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T1	5/24/2006	Alpha,Alpha-Dimethylphenethylamine	400	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T1	5/24/2006	Aniline	26	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T1	5/24/2006	Aniline	27	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T1	5/24/2006	Anthracene	7.9	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T1	5/24/2006	Anthracene	7.6	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T1	5/24/2006	Antimony	0.31	MG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T1	5/24/2006	Antimony	0.29	MG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T1	5/24/2006	Aramite	7.8	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T1	5/24/2006	Aramite	7.6	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T1	5/24/2006	Barium	23.4	MG/KG				Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T1	5/24/2006	Barium	26	MG/KG				Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T1	5/24/2006	Benzene	0.7	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T1	5/24/2006	Benzene	0.69	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T1	5/24/2006	Benzo(A)Anthracene	11	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T1	5/24/2006	Benzo(A)Anthracene	11	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T1	5/24/2006	Benzo(B)Fluoranthene	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T1	5/24/2006	Benzo(B)Fluoranthene	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T1	5/24/2006	Benzo(G,H,I)Perylene	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T1	5/24/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T1	5/24/2006	Benzo(K)Fluoranthene	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T1	5/24/2006	Benzo(K)Fluoranthene	13	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T1	5/24/2006	Benzo[A]Pyrene	7.8	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
T1	5/24/2006	Benzo[A]Pyrene	7.5	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T1	5/24/2006	Benzyl Alcohol	29	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	Benzyl Alcohol	28	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	Beryllium	0.16	MG/KG	B	J		Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T1	5/24/2006	Beryllium	0.15	MG/KG	B	J		Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T1	5/24/2006	Biphenyl	26	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T1	5/24/2006	Biphenyl	27	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T1	5/24/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T1	5/24/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T1	5/24/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T1	5/24/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T1	5/24/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T1	5/24/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T1	5/24/2006	Bis(2-Ethylhexyl)Phthalate	33	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T1	5/24/2006	Bis(2-Ethylhexyl)Phthalate	34	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T1	5/24/2006	Bromodichloromethane	0.65	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T1	5/24/2006	Bromodichloromethane	0.64	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T1	5/24/2006	Bromoform	1.2	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T1	5/24/2006	Bromoform	1.2	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T1	5/24/2006	Butyl Benzyl Phthalate	32	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T1	5/24/2006	Butyl Benzyl Phthalate	31	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T1	5/24/2006	Cadmium	0.032	MG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02

APPENDIX A
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Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T1	5/24/2006	Cadmium	0.033	MG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T1	5/24/2006	Carbon Disulfide	0.85	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T1	5/24/2006	Carbon Disulfide	0.87	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T1	5/24/2006	Carbon Tetrachloride	1.2	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T1	5/24/2006	Carbon Tetrachloride	1.2	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T1	5/24/2006	Chlorobenzene	0.6	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T1	5/24/2006	Chlorobenzene	0.61	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T1	5/24/2006	Chlorobenzilate	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T1	5/24/2006	Chlorobenzilate	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T1	5/24/2006	Chlorodibromomethane	0.69	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T1	5/24/2006	Chlorodibromomethane	0.67	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T1	5/24/2006	Chloroform	0.77	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T1	5/24/2006	Chloroform	0.75	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T1	5/24/2006	Chloroprene	1.3	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	47
T1	5/24/2006	Chloroprene	1.3	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T1	5/24/2006	Arsenic	3.5	MG/KG			Y	Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T1	5/24/2006	Arsenic	3.7	MG/KG			Y	Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T1	5/24/2006	Chromium	24.2	MG/KG				Y	1.5-1.9 Feet	DUP	Soil	Site Background	42.7
T1	5/24/2006	Chromium	26.7	MG/KG				Y	1.5-1.9 Feet	FS	Soil	Site Background	42.7
T1	5/24/2006	Chrysene	13	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T1	5/24/2006	Chrysene	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T1	5/24/2006	cis-1,2 Dichloroethene	0.67	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T1	5/24/2006	cis-1,2 Dichloroethene	0.65	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T1	5/24/2006	cis-1,3-Dichloropropene	0.6	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T1	5/24/2006	cis-1,3-Dichloropropene	0.61	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T1	5/24/2006	Cobalt	1.3	MG/KG	B	J		Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T1	5/24/2006	Cobalt	1.3	MG/KG	B	J		Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T1	5/24/2006	Copper	1.4	MG/KG	B	J		Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T1	5/24/2006	Copper	1.4	MG/KG	B	J		Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T1	5/24/2006	Cyanide	300	UG/KG		UJ		N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T1	5/24/2006	Cyanide	290	UG/KG		UJ		N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T1	5/24/2006	Diallate	26	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T1	5/24/2006	Diallate	25	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T1	5/24/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T1	5/24/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
T1	5/24/2006	Dibenzofuran	13	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T1	5/24/2006	Dibenzofuran	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T1	5/24/2006	Dichlorodifluoromethane	4.9	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T1	5/24/2006	Dichlorodifluoromethane	4.9	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T1	5/24/2006	Diethyl Phthalate	9	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T1	5/24/2006	Diethyl Phthalate	9.3	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T1	5/24/2006	Diethylene Glycol	2600	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T1	5/24/2006	Diethylene Glycol	2700	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T1	5/24/2006	Dimethoate	43	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T1	5/24/2006	Dimethoate	42	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T1	5/24/2006	Dimethyl Phthalate	27	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T1	5/24/2006	Dimethyl Phthalate	28	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T1	5/24/2006	Dimethyl Terephthalate	29	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T1	5/24/2006	Dimethyl Terephthalate	28	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T1	5/24/2006	Di-N-Butyl Phthalate	10	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	Di-N-Butyl Phthalate	10	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T1	5/24/2006	Diphenyl Amine	45	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T1	5/24/2006	Diphenyl Amine	43	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T1	5/24/2006	Diphenyl Ether	24	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T1	5/24/2006	Diphenyl Ether	24	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T1	5/24/2006	Ethyl Chloride	0.73	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T1	5/24/2006	Ethyl Chloride	0.72	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T1	5/24/2006	Ethyl Methacrylate	0.83	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T1	5/24/2006	Ethyl Methacrylate	0.84	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T1	5/24/2006	Ethyl Methanesulfonate	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T1	5/24/2006	Ethyl Methanesulfonate	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T1	5/24/2006	Ethylbenzene	0.89	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T1	5/24/2006	Ethylbenzene	0.88	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T1	5/24/2006	Ethylene Glycol	2500	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Ethylene Glycol	2500	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Fluoranthene	11	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T1	5/24/2006	Fluoranthene	11	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T1	5/24/2006	Fluorene	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T1	5/24/2006	Fluorene	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T1	5/24/2006	Hexachlorobenzene	12	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T1	5/24/2006	Hexachlorobenzene	12	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T1	5/24/2006	Hexachlorobutadiene	18	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T1	5/24/2006	Hexachlorobutadiene	18	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T1	5/24/2006	Hexachlorocyclopentadiene	320	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T1	5/24/2006	Hexachlorocyclopentadiene	330	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T1	5/24/2006	Hexachloroethane	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T1	5/24/2006	Hexachloroethane	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T1	5/24/2006	Hexachloropropylene	13	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T1	5/24/2006	Hexachloropropylene	12	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T1	5/24/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T1	5/24/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T1	5/24/2006	Iodomethane	0.63	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T1	5/24/2006	Iodomethane	0.65	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T1	5/24/2006	Isobutyl Alcohol	30	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T1	5/24/2006	Isobutyl Alcohol	31	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T1	5/24/2006	Isodrin	18	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T1	5/24/2006	Isodrin	18	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100
T1	5/24/2006	Isophorone	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T1	5/24/2006	Isophorone	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T1	5/24/2006	Isosafrole	10	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T1	5/24/2006	Isosafrole	9.9	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T1	5/24/2006	Lead	9.2	MG/KG		J		Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T1	5/24/2006	Lead	9.4	MG/KG		J		Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T1	5/24/2006	Mercury	0.061	MG/KG	B J	J		Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T1	5/24/2006	Mercury	0.049	MG/KG	B J	J		Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T1	5/24/2006	Methacrylonitrile	6.4	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T1	5/24/2006	Methacrylonitrile	6.5	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T1	5/24/2006	Methanol	1800	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Methanol	1700	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Methapyrilene	98	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T1	5/24/2006	Methapyrilene	95	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T1	5/24/2006	Methyl Bromide	0.68	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T1	5/24/2006	Methyl Bromide	0.69	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T1	5/24/2006	Methyl Chloride	0.65	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T1	5/24/2006	Methyl Chloride	0.64	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T1	5/24/2006	Methyl Ethyl Ketone	1.9	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T1	5/24/2006	Methyl Ethyl Ketone	1.9	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T1	5/24/2006	Methyl Isobutyl Ketone	1.8	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T1	5/24/2006	Methyl Isobutyl Ketone	1.7	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T1	5/24/2006	Methyl Methacrylate	0.83	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T1	5/24/2006	Methyl Methacrylate	0.85	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T1	5/24/2006	Methyl Methanesulfonate	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T1	5/24/2006	Methyl Methanesulfonate	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T1	5/24/2006	Methylene Bromide	0.91	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T1	5/24/2006	Methylene Bromide	0.93	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T1	5/24/2006	Methylene Chloride	0.93	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T1	5/24/2006	Methylene Chloride	0.95	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T1	5/24/2006	Naphthalene	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T1	5/24/2006	Naphthalene	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T1	5/24/2006	N-Dioctyl Phthalate	19	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T1	5/24/2006	N-Dioctyl Phthalate	20	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T1	5/24/2006	Nickel	4.8	MG/KG				Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T1	5/24/2006	Nickel	4.9	MG/KG				Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T1	5/24/2006	Nitrobenzene	20	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX A
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T1	5/24/2006	Nitrobenzene	21	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T1	5/24/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
T1	5/24/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T1	5/24/2006	N-Nitrosodiethylamine	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T1	5/24/2006	N-Nitrosodiethylamine	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	11
T1	5/24/2006	N-Nitrosodimethylamine	12	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34
T1	5/24/2006	N-Nitrosodimethylamine	12	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T1	5/24/2006	N-Nitroso-Di-N-Butylamine	21	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	400
T1	5/24/2006	N-Nitroso-Di-N-Butylamine	20	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T1	5/24/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T1	5/24/2006	N-Nitrosodi-N-Propylamine	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
T1	5/24/2006	N-Nitrosodiphenylamine	43	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T1	5/24/2006	N-Nitrosodiphenylamine	45	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T1	5/24/2006	N-Nitrosomorpholine	26	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T1	5/24/2006	N-Nitrosomorpholine	27	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	260
T1	5/24/2006	N-Nitrosopiperidine	13	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T1	5/24/2006	N-Nitrosopiperidine	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	180
T1	5/24/2006	N-Nitrosopyrrolidine	12	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	820
T1	5/24/2006	N-Nitrosopyrrolidine	12	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T1	5/24/2006	O,O,O-Triethylphosphorothioate	32	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T1	5/24/2006	O,O,O-Triethylphosphorothioate	31	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T1	5/24/2006	O-Toluidine	11	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T1	5/24/2006	O-Toluidine	11	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T1	5/24/2006	para-Phenylenediamine	460	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T1	5/24/2006	para-Phenylenediamine	440	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T1	5/24/2006	Pentachlorobenzene	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T1	5/24/2006	Pentachlorobenzene	15	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T1	5/24/2006	Pentachloroethane	2.4	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T1	5/24/2006	Pentachloroethane	2.4	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T1	5/24/2006	Pentachloronitrobenzene	22	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T1	5/24/2006	Pentachloronitrobenzene	21	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T1	5/24/2006	Pentachlorophenol	300	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T1	5/24/2006	Pentachlorophenol	310	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T1	5/24/2006	Phenacetin	18	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T1	5/24/2006	Phenacetin	17	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T1	5/24/2006	Phenanthrene	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T1	5/24/2006	Phenanthrene	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T1	5/24/2006	Phenol	15	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T1	5/24/2006	Phenol	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T1	5/24/2006	Pronamide	18	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T1	5/24/2006	Pronamide	17	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T1	5/24/2006	Propionitrile	7.2	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T1	5/24/2006	Propionitrile	7.3	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T1	5/24/2006	Propylene Glycol	3200	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Propylene Glycol	3200	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Pyrene	14	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T1	5/24/2006	Pyrene	14	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T1	5/24/2006	Pyridine	48	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T1	5/24/2006	Pyridine	46	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T1	5/24/2006	Safrole	16	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T1	5/24/2006	Safrole	16	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T1	5/24/2006	Selenium	0.38	MG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T1	5/24/2006	Selenium	0.36	MG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T1	5/24/2006	Silver	0.18	MG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T1	5/24/2006	Silver	0.19	MG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T1	5/24/2006	Styrene	0.55	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T1	5/24/2006	Styrene	0.56	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T1	5/24/2006	Sulfide	94.7	MG/KG		UJ		N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Sulfide	97.5	MG/KG		UJ		N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T1	5/24/2006	Terephthalic Acid	6	MG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T1	5/24/2006	Terephthalic Acid	6.2	MG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T1	5/24/2006	Tetrachloroethene	1.7	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T1	5/24/2006	Tetrachloroethene	1.6	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T1	5/24/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T1	5/24/2006	Tetraethyl Dithiopyrophosphate	27	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T1	5/24/2006	Thallium	0.32	MG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T1	5/24/2006	Thallium	0.3	MG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T1	5/24/2006	Thionazin	32	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T1	5/24/2006	Thionazin	33	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T1	5/24/2006	Tin	1.3	MG/KG	B J	B		Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T1	5/24/2006	Tin	1.7	MG/KG	B J	B		Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T1	5/24/2006	Toluene	0.84	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T1	5/24/2006	Toluene	0.83	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T1	5/24/2006	trans-1,2-Dichloroethene	0.71	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T1	5/24/2006	trans-1,2-Dichloroethene	0.73	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T1	5/24/2006	trans-1,3-Dichloropropene	0.66	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T1	5/24/2006	trans-1,3-Dichloropropene	0.67	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T1	5/24/2006	trans-1,4-Dichlorobutene-2	2.5	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	35
T1	5/24/2006	trans-1,4-Dichlorobutene-2	2.5	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T1	5/24/2006	Trichloroethene	0.99	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T1	5/24/2006	Trichloroethene	0.98	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T1	5/24/2006	Trichlorofluoromethane	1.1	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T1	5/24/2006	Trichlorofluoromethane	1.1	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T1	5/24/2006	Triethylene Glycol	3500	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T1	5/24/2006	Triethylene Glycol	3400	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T1	5/24/2006	Vanadium	37.7	MG/KG				Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T1	5/24/2006	Vanadium	35.3	MG/KG				Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T1	5/24/2006	Vinyl Acetate	1.1	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T1	5/24/2006	Vinyl Acetate	1.1	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T1	5/24/2006	Vinyl Chloride	0.79	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T1	5/24/2006	Vinyl Chloride	0.81	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T1	5/24/2006	Xylenes	2.2	UG/KG				N	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T1	5/24/2006	Xylenes	2.2	UG/KG				N	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T1	5/24/2006	Zinc	11	MG/KG	J			Y	1.5-1.9 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T1	5/24/2006	Zinc	10.3	MG/KG	J			Y	1.5-1.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
VALVENORTH	6/17/2005	1,1,1,2-Tetrachloroethane	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
VALVENORTH	6/17/2005	1,1,1,2-Tetrachloroethane	2.1	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9300
VALVENORTH	6/17/2005	1,1,1-Trichloroethane	0.58	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
VALVENORTH	6/17/2005	1,1,1-Trichloroethane	0.51	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
VALVENORTH	6/17/2005	1,1,2,2-Tetrachloroethane	2.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
VALVENORTH	6/17/2005	1,1,2,2-Tetrachloroethane	2.5	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
VALVENORTH	6/17/2005	1,1,2-Trichloroethane	2.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
VALVENORTH	6/17/2005	1,1,2-Trichloroethane	2.2	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
VALVENORTH	6/17/2005	1,1-Dichloroethane	0.39	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
VALVENORTH	6/17/2005	1,1-Dichloroethane	0.34	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
VALVENORTH	6/17/2005	1,1-Dichloroethene	0.56	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
VALVENORTH	6/17/2005	1,1-Dichloroethene	0.5	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
VALVENORTH	6/17/2005	1,2,3-Trichloropropane	2.6	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	95
VALVENORTH	6/17/2005	1,2,3-Trichloropropane	2.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
VALVENORTH	6/17/2005	1,2,4,5-Tetrachlorobenzene	11	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
VALVENORTH	6/17/2005	1,2,4,5-Tetrachlorobenzene	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
VALVENORTH	6/17/2005	1,2,4-Trichlorobenzene	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
VALVENORTH	6/17/2005	1,2,4-Trichlorobenzene	15	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
VALVENORTH	6/17/2005	1,2-Dibromo-3-Chloropropane	2.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
VALVENORTH	6/17/2005	1,2-Dibromo-3-Chloropropane	2.6	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
VALVENORTH	6/17/2005	1,2-Dibromoethane (EDB)	2.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
VALVENORTH	6/17/2005	1,2-Dibromoethane (EDB)	1.8	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
VALVENORTH	6/17/2005	1,2-Dichlorobenzene	11	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
VALVENORTH	6/17/2005	1,2-Dichlorobenzene	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
VALVENORTH	6/17/2005	1,2-Dichloroethane	0.87	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
VALVENORTH	6/17/2005	1,2-Dichloroethane	0.77	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
VALVENORTH	6/17/2005	1,2-Dichloropropane	0.94	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
VALVENORTH	6/17/2005	1,2-Dichloropropane	0.83	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
VALVENORTH	6/17/2005	1,3,5-Trinitrobenzene	63	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
VALVENORTH	6/17/2005	1,3,5-Trinitrobenzene	69	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
VALVENORTH	6/17/2005	1,3-Dichlorobenzene	13	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
VALVENORTH	6/17/2005	1,3-Dichlorobenzene	12	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
VALVENORTH	6/17/2005	1,3-Dinitrobenzene	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
VALVENORTH	6/17/2005	1,3-Dinitrobenzene	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
VALVENORTH	6/17/2005	1,4-Dichlorobenzene	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
VALVENORTH	6/17/2005	1,4-Dichlorobenzene	13	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
VALVENORTH	6/17/2005	1,4-Dioxane	33	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
VALVENORTH	6/17/2005	1,4-Dioxane	29	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
VALVENORTH	6/17/2005	1,4-Naphthoquinone	810	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
VALVENORTH	6/17/2005	1,4-Naphthoquinone	750	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2900
VALVENORTH	6/17/2005	1-Naphthylamine	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
VALVENORTH	6/17/2005	1-Naphthylamine	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
VALVENORTH	6/17/2005	2,3,4,6-Tetrachlorophenol	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
VALVENORTH	6/17/2005	2,3,4,6-Tetrachlorophenol	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
VALVENORTH	6/17/2005	2,4,5-Trichlorophenol	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	2,4,5-Trichlorophenol	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	2,4,6-Trichlorophenol	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
VALVENORTH	6/17/2005	2,4,6-Trichlorophenol	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
VALVENORTH	6/17/2005	2,4-Dichlorophenol	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
VALVENORTH	6/17/2005	2,4-Dichlorophenol	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
VALVENORTH	6/17/2005	2,4-Dimethylphenol	9.9	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
VALVENORTH	6/17/2005	2,4-Dimethylphenol	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
VALVENORTH	6/17/2005	2,4-Dinitrophenol	310	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
VALVENORTH	6/17/2005	2,4-Dinitrophenol	280	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
VALVENORTH	6/17/2005	2,4-Dinitrotoluene	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
VALVENORTH	6/17/2005	2,4-Dinitrotoluene	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
VALVENORTH	6/17/2005	2,6-Dichlorophenol	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	360000
VALVENORTH	6/17/2005	2,6-Dichlorophenol	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
VALVENORTH	6/17/2005	2,6-Dinitrotoluene	16	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
VALVENORTH	6/17/2005	2,6-Dinitrotoluene	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
VALVENORTH	6/17/2005	2-Acetylaminofluorene	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
VALVENORTH	6/17/2005	2-Acetylaminofluorene	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	450
VALVENORTH	6/17/2005	2-Chloronaphthalene	7.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
VALVENORTH	6/17/2005	2-Chloronaphthalene	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
VALVENORTH	6/17/2005	2-Chlorophenol	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
VALVENORTH	6/17/2005	2-Chlorophenol	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
VALVENORTH	6/17/2005	2-Hexanone	3.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
VALVENORTH	6/17/2005	2-Hexanone	2.9	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
VALVENORTH	6/17/2005	2-Methylnaphthalene	110	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
VALVENORTH	6/17/2005	2-Methylnaphthalene	82	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
VALVENORTH	6/17/2005	2-Methylphenol (O-Cresol)	70	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	2-Methylphenol (O-Cresol)	63	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	2-Naphthylamine	100	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
VALVENORTH	6/17/2005	2-Naphthylamine	93	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
VALVENORTH	6/17/2005	2-Nitroaniline	15	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
VALVENORTH	6/17/2005	2-Nitroaniline	13	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
VALVENORTH	6/17/2005	2-Nitrophenol	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
VALVENORTH	6/17/2005	2-Nitrophenol	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
VALVENORTH	6/17/2005	2-Picoline	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
VALVENORTH	6/17/2005	2-Picoline	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
VALVENORTH	6/17/2005	3,3'-Dichlorobenzidine	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
VALVENORTH	6/17/2005	3,3'-Dichlorobenzidine	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
VALVENORTH	6/17/2005	3,3'-Dimethylbenzidine	1300	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
VALVENORTH	6/17/2005	3,3'-Dimethylbenzidine	1200	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	160
VALVENORTH	6/17/2005	3-Methylcholanthrene	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
VALVENORTH	6/17/2005	3-Methylcholanthrene	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
VALVENORTH	6/17/2005	3-Nitroaniline	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
VALVENORTH	6/17/2005	3-Nitroaniline	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
VALVENORTH	6/17/2005	4,6-Dinitro-2-Methylphenol	810	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
VALVENORTH	6/17/2005	4,6-Dinitro-2-Methylphenol	750	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800
VALVENORTH	6/17/2005	4-Aminobiphenyl	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
VALVENORTH	6/17/2005	4-Aminobiphenyl	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
VALVENORTH	6/17/2005	4-Bromophenyl Phenyl Ether	7.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
VALVENORTH	6/17/2005	4-Bromophenyl Phenyl Ether	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
VALVENORTH	6/17/2005	4-Chloro-3-Methylphenol	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	4-Chloro-3-Methylphenol	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	4-Chloroaniline	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
VALVENORTH	6/17/2005	4-Chloroaniline	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
VALVENORTH	6/17/2005	4-Chlorophenyl Phenyl Ether	8.7	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
VALVENORTH	6/17/2005	4-Chlorophenyl Phenyl Ether	9.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
VALVENORTH	6/17/2005	4-Dimethylaminoazobenzene	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
VALVENORTH	6/17/2005	4-Dimethylaminoazobenzene	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	370
VALVENORTH	6/17/2005	4-Methylphenol (P-Cresol)	18	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	4-Methylphenol (P-Cresol)	17	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	4-Nitroaniline	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
VALVENORTH	6/17/2005	4-Nitroaniline	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
VALVENORTH	6/17/2005	4-Nitrophenol	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
VALVENORTH	6/17/2005	4-Nitrophenol	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
VALVENORTH	6/17/2005	4-Nitroquinoline-N-Oxide	750	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	29000
VALVENORTH	6/17/2005	4-Nitroquinoline-N-Oxide	810	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
VALVENORTH	6/17/2005	5-Nitro-Ortho-Toluidine	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
VALVENORTH	6/17/2005	5-Nitro-Ortho-Toluidine	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	190000
VALVENORTH	6/17/2005	7,12-Dimethylbenz[A]Anthracene	66	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
VALVENORTH	6/17/2005	7,12-Dimethylbenz[A]Anthracene	61	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
VALVENORTH	6/17/2005	Acenaphthene	47	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
VALVENORTH	6/17/2005	Acenaphthene	160	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
VALVENORTH	6/17/2005	Acenaphthylene	7.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
VALVENORTH	6/17/2005	Acenaphthylene	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
VALVENORTH	6/17/2005	Acetone	3.2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
VALVENORTH	6/17/2005	Acetone	2.8	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
VALVENORTH	6/17/2005	Acetonitrile	7.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
VALVENORTH	6/17/2005	Acetonitrile	6.3	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
VALVENORTH	6/17/2005	Acetophenone	10	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
VALVENORTH	6/17/2005	Acetophenone	9.3	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
VALVENORTH	6/17/2005	Acrolein	9.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
VALVENORTH	6/17/2005	Acrolein	8.3	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
VALVENORTH	6/17/2005	Acrylonitrile	5.2	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
VALVENORTH	6/17/2005	Acrylonitrile	5.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
VALVENORTH	6/17/2005	Allyl Chloride	0.66	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
VALVENORTH	6/17/2005	Allyl Chloride	0.72	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
VALVENORTH	6/17/2005	Alpha,Alpha-Dimethylphenethylamine	790	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
VALVENORTH	6/17/2005	Alpha,Alpha-Dimethylphenethylamine	720	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
VALVENORTH	6/17/2005	Aniline	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	300000
VALVENORTH	6/17/2005	Aniline	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
VALVENORTH	6/17/2005	Anthracene	90	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
VALVENORTH	6/17/2005	Anthracene	350	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
VALVENORTH	6/17/2005	Antimony	0.99	MG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
VALVENORTH	6/17/2005	Antimony	0.95	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
VALVENORTH	6/17/2005	Aramite	82	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
VALVENORTH	6/17/2005	Aramite	75	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69000
VALVENORTH	6/17/2005	Arsenic	1.1	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
VALVENORTH	6/17/2005	Arsenic	1.1	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
VALVENORTH	6/17/2005	Barium	11.3	MG/KG	B	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
VALVENORTH	6/17/2005	Barium	11.1	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
VALVENORTH	6/17/2005	Benzene	0.36	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
VALVENORTH	6/17/2005	Benzene	0.32	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
VALVENORTH	6/17/2005	Benzo(A)Anthracene	250	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
VALVENORTH	6/17/2005	Benzo(A)Anthracene	610	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
VALVENORTH	6/17/2005	Benzo(B)Fluoranthene	170	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
VALVENORTH	6/17/2005	Benzo(B)Fluoranthene	410	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
VALVENORTH	6/17/2005	Benzo(G,H,I)Perylene	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
VALVENORTH	6/17/2005	Benzo(G,H,I)Perylene	250	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
VALVENORTH	6/17/2005	Benzo(K)Fluoranthene	160	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
VALVENORTH	6/17/2005	Benzo(K)Fluoranthene	330	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
VALVENORTH	6/17/2005	Benzyl Alcohol	45	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	Benzyl Alcohol	41	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	Beryllium	0.15	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
VALVENORTH	6/17/2005	Beryllium	0.14	MG/KG	B	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
VALVENORTH	6/17/2005	Biphenyl	67	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
VALVENORTH	6/17/2005	Biphenyl	61	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
VALVENORTH	6/17/2005	Bis(2-Chloro-1-Methylethyl) Ether	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
VALVENORTH	6/17/2005	Bis(2-Chloro-1-Methylethyl) Ether	13	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
VALVENORTH	6/17/2005	Bis(2-Chloroethoxy)Methane	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
VALVENORTH	6/17/2005	Bis(2-Chloroethoxy)Methane	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
VALVENORTH	6/17/2005	Bis(2-Chloroethyl)Ether	8.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
VALVENORTH	6/17/2005	Bis(2-Chloroethyl)Ether	8	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
VALVENORTH	6/17/2005	Bis(2-Ethylhexyl)Phthalate	120	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
VALVENORTH	6/17/2005	Bis(2-Ethylhexyl)Phthalate	110	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
VALVENORTH	6/17/2005	Bromodichloromethane	1.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
VALVENORTH	6/17/2005	Bromodichloromethane	1.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
VALVENORTH	6/17/2005	Bromoform	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
VALVENORTH	6/17/2005	Bromoform	2	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
VALVENORTH	6/17/2005	Butyl Benzyl Phthalate	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
VALVENORTH	6/17/2005	Butyl Benzyl Phthalate	13	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
VALVENORTH	6/17/2005	Cadmium	0.18	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
VALVENORTH	6/17/2005	Cadmium	0.17	MG/KG	B	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
VALVENORTH	6/17/2005	Carbon Disulfide	0.72	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
VALVENORTH	6/17/2005	Carbon Disulfide	0.63	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
VALVENORTH	6/17/2005	Carbon Tetrachloride	0.72	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
VALVENORTH	6/17/2005	Carbon Tetrachloride	0.64	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
VALVENORTH	6/17/2005	Chlorobenzene	2.1	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
VALVENORTH	6/17/2005	Chlorobenzene	2.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
VALVENORTH	6/17/2005	Chlorobenzilate	9.9	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	16000
VALVENORTH	6/17/2005	Chlorobenzilate	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
VALVENORTH	6/17/2005	Chlorodibromomethane	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
VALVENORTH	6/17/2005	Chlorodibromomethane	2	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
VALVENORTH	6/17/2005	Chloroform	3.5	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
VALVENORTH	6/17/2005	Chloroform	4.3	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
VALVENORTH	6/17/2005	Chloroprene	0.62	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	47
VALVENORTH	6/17/2005	Chloroprene	0.67	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
VALVENORTH	6/17/2005	Chromium	16.1	MG/KG		J		Y	0-2 Feet	DUP	Soil	Site Background	42.7
VALVENORTH	6/17/2005	Chromium	26.4	MG/KG		J		Y	0-2 Feet	FS	Soil	Site Background	42.7
VALVENORTH	6/17/2005	Chrysene	290	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
VALVENORTH	6/17/2005	Chrysene	660	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
VALVENORTH	6/17/2005	cis-1,2 Dichloroethene	0.44	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
VALVENORTH	6/17/2005	cis-1,2 Dichloroethene	0.39	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
VALVENORTH	6/17/2005	cis-1,3-Dichloropropene	1.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
VALVENORTH	6/17/2005	cis-1,3-Dichloropropene	1.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
VALVENORTH	6/17/2005	Cobalt	0.84	MG/KG	B	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
VALVENORTH	6/17/2005	Cobalt	0.76	MG/KG	B	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
VALVENORTH	6/17/2005	Copper	2.5	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
VALVENORTH	6/17/2005	Copper	2.5	MG/KG	J	B		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
VALVENORTH	6/17/2005	Diallate	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
VALVENORTH	6/17/2005	Diallate	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
VALVENORTH	6/17/2005	Dibenz(A,H)Anthracene	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
VALVENORTH	6/17/2005	Dibenz(A,H)Anthracene	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
VALVENORTH	6/17/2005	Dibenzofuran	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
VALVENORTH	6/17/2005	Dibenzofuran	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
VALVENORTH	6/17/2005	Dichlorodifluoromethane	1.6	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	80000
VALVENORTH	6/17/2005	Dichlorodifluoromethane	1.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
VALVENORTH	6/17/2005	Diethyl Phthalate	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
VALVENORTH	6/17/2005	Diethyl Phthalate	7.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
VALVENORTH	6/17/2005	Diethylene Glycol	2400	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
VALVENORTH	6/17/2005	Diethylene Glycol	2600	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
VALVENORTH	6/17/2005	Dimethoate	57	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
VALVENORTH	6/17/2005	Dimethoate	52	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
VALVENORTH	6/17/2005	Dimethyl Phthalate	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
VALVENORTH	6/17/2005	Dimethyl Phthalate	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
VALVENORTH	6/17/2005	Dimethyl Terephthalate	75	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
VALVENORTH	6/17/2005	Dimethyl Terephthalate	69	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
VALVENORTH	6/17/2005	Di-N-Butyl Phthalate	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	Di-N-Butyl Phthalate	11	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
VALVENORTH	6/17/2005	Diphenyl Amine	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
VALVENORTH	6/17/2005	Diphenyl Amine	15	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
VALVENORTH	6/17/2005	Diphenyl Ether	72	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
VALVENORTH	6/17/2005	Diphenyl Ether	66	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
VALVENORTH	6/17/2005	Ethyl Chloride	0.42	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
VALVENORTH	6/17/2005	Ethyl Chloride	0.48	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
VALVENORTH	6/17/2005	Ethyl Methacrylate	2.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
VALVENORTH	6/17/2005	Ethyl Methacrylate	2.1	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
VALVENORTH	6/17/2005	Ethyl Methanesulfonate	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
VALVENORTH	6/17/2005	Ethyl Methanesulfonate	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
VALVENORTH	6/17/2005	Ethylbenzene	1.7	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
VALVENORTH	6/17/2005	Ethylbenzene	1.5	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
VALVENORTH	6/17/2005	Ethylene Glycol	2500	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
VALVENORTH	6/17/2005	Ethylene Glycol	2300	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
VALVENORTH	6/17/2005	Fluoranthene	530	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
VALVENORTH	6/17/2005	Fluoranthene	1300	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
VALVENORTH	6/17/2005	Fluorene	38	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
VALVENORTH	6/17/2005	Fluorene	150	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
VALVENORTH	6/17/2005	Hexachlorobenzene	8.8	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
VALVENORTH	6/17/2005	Hexachlorobenzene	8	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
VALVENORTH	6/17/2005	Hexachlorobutadiene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
VALVENORTH	6/17/2005	Hexachlorobutadiene	15	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
VALVENORTH	6/17/2005	Hexachlorocyclopentadiene	2000	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
VALVENORTH	6/17/2005	Hexachlorocyclopentadiene	1900	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
VALVENORTH	6/17/2005	Hexachloroethane	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
VALVENORTH	6/17/2005	Hexachloroethane	15	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
VALVENORTH	6/17/2005	Hexachloropropylene	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
VALVENORTH	6/17/2005	Hexachloropropylene	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
VALVENORTH	6/17/2005	Hexane	0.75	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.40E+05
VALVENORTH	6/17/2005	Hexane	0.85	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.40E+05
VALVENORTH	6/17/2005	Indeno (1,2,3-CD) Pyrene	250	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
VALVENORTH	6/17/2005	Indeno (1,2,3-CD) Pyrene	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
VALVENORTH	6/17/2005	Iodomethane	0.41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
VALVENORTH	6/17/2005	Iodomethane	0.36	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
VALVENORTH	6/17/2005	Isobutyl Alcohol	38	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
VALVENORTH	6/17/2005	Isobutyl Alcohol	33	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
VALVENORTH	6/17/2005	Isodrin	8.2	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100
VALVENORTH	6/17/2005	Isodrin	8.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
VALVENORTH	6/17/2005	Isophorone	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
VALVENORTH	6/17/2005	Isophorone	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
VALVENORTH	6/17/2005	Isosafrole	10	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
VALVENORTH	6/17/2005	Isosafrole	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
VALVENORTH	6/17/2005	Lead	64.3	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
VALVENORTH	6/17/2005	Lead	11.5	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
VALVENORTH	6/17/2005	Mercury	0.022	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
VALVENORTH	6/17/2005	Mercury	0.022	MG/KG	B J	B		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
VALVENORTH	6/17/2005	Methacrylonitrile	6.6	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
VALVENORTH	6/17/2005	Methacrylonitrile	7.5	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
VALVENORTH	6/17/2005	Methanol	1600	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
VALVENORTH	6/17/2005	Methanol	1800	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
VALVENORTH	6/17/2005	Methapyrilene	120	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
VALVENORTH	6/17/2005	Methapyrilene	130	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
VALVENORTH	6/17/2005	Methyl Bromide	0.49	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
VALVENORTH	6/17/2005	Methyl Bromide	0.55	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
VALVENORTH	6/17/2005	Methyl Chloride	0.61	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000

APPENDIX A
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
VALVENORTH	6/17/2005	Methyl Chloride	0.54	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
VALVENORTH	6/17/2005	Methyl Ethyl Ketone	1.7	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
VALVENORTH	6/17/2005	Methyl Ethyl Ketone	1.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
VALVENORTH	6/17/2005	Methyl Isobutyl Ketone	3.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
VALVENORTH	6/17/2005	Methyl Isobutyl Ketone	2.7	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
VALVENORTH	6/17/2005	Methyl Methacrylate	2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
VALVENORTH	6/17/2005	Methyl Methacrylate	1.8	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
VALVENORTH	6/17/2005	Methyl Methanesulfonate	13	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
VALVENORTH	6/17/2005	Methyl Methanesulfonate	14	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
VALVENORTH	6/17/2005	Methylene Bromide	1.3	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
VALVENORTH	6/17/2005	Methylene Bromide	1.1	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
VALVENORTH	6/17/2005	Methylene Chloride	0.85	UG/KG	J B	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
VALVENORTH	6/17/2005	Methylene Chloride	0.81	UG/KG	J B	B		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
VALVENORTH	6/17/2005	Naphthalene	86	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
VALVENORTH	6/17/2005	Naphthalene	61	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
VALVENORTH	6/17/2005	N-Dioctyl Phthalate	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
VALVENORTH	6/17/2005	N-Dioctyl Phthalate	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
VALVENORTH	6/17/2005	Nickel	4.7	MG/KG		J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
VALVENORTH	6/17/2005	Nickel	4.4	MG/KG		J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
VALVENORTH	6/17/2005	Nitrobenzene	17	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
VALVENORTH	6/17/2005	Nitrobenzene	15	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
VALVENORTH	6/17/2005	N-Nitroso(Methyl)Ethylamine	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
VALVENORTH	6/17/2005	N-Nitroso(Methyl)Ethylamine	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
VALVENORTH	6/17/2005	N-Nitrosodiethylamine	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	11
VALVENORTH	6/17/2005	N-Nitrosodiethylamine	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
VALVENORTH	6/17/2005	N-Nitrosodimethylamine	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34
VALVENORTH	6/17/2005	N-Nitrosodimethylamine	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
VALVENORTH	6/17/2005	N-Nitroso-Di-N-Butylamine	7.9	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	400
VALVENORTH	6/17/2005	N-Nitroso-Di-N-Butylamine	8.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
VALVENORTH	6/17/2005	N-Nitrosodi-N-Propylamine	38	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
VALVENORTH	6/17/2005	N-Nitrosodi-N-Propylamine	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
VALVENORTH	6/17/2005	N-Nitrosodiphenylamine	16	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
VALVENORTH	6/17/2005	N-Nitrosodiphenylamine	15	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
VALVENORTH	6/17/2005	N-Nitrosomorpholine	46	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
VALVENORTH	6/17/2005	N-Nitrosomorpholine	43	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	260
VALVENORTH	6/17/2005	N-Nitrosopiperidine	9.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
VALVENORTH	6/17/2005	N-Nitrosopiperidine	8.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	180
VALVENORTH	6/17/2005	N-Nitrosopyrrolidine	12	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
VALVENORTH	6/17/2005	N-Nitrosopyrrolidine	11	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	820
VALVENORTH	6/17/2005	O,O,O-Triethylphosphorothioate	36	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
VALVENORTH	6/17/2005	O,O,O-Triethylphosphorothioate	39	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
VALVENORTH	6/17/2005	O-Toluidine	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
VALVENORTH	6/17/2005	O-Toluidine	9.7	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	57000
VALVENORTH	6/17/2005	para-Phenylenediamine	760	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
VALVENORTH	6/17/2005	para-Phenylenediamine	690	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
VALVENORTH	6/17/2005	Pentachlorobenzene	7.4	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000
VALVENORTH	6/17/2005	Pentachlorobenzene	8.1	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
VALVENORTH	6/17/2005	Pentachloroethane	2.6	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
VALVENORTH	6/17/2005	Pentachloroethane	2.3	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	19000
VALVENORTH	6/17/2005	Pentachloronitrobenzene	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600
VALVENORTH	6/17/2005	Pentachloronitrobenzene	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
VALVENORTH	6/17/2005	Pentachlorophenol	810	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
VALVENORTH	6/17/2005	Pentachlorophenol	750	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
VALVENORTH	6/17/2005	Phenacetin	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
VALVENORTH	6/17/2005	Phenacetin	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	780000
VALVENORTH	6/17/2005	Phenanthrene	340	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
VALVENORTH	6/17/2005	Phenanthrene	1100	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
VALVENORTH	6/17/2005	Phenol	41	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
VALVENORTH	6/17/2005	Phenol	37	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
VALVENORTH	6/17/2005	Pronamide	10	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
VALVENORTH	6/17/2005	Pronamide	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
VALVENORTH	6/17/2005	Propionitrile	8.7	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000

APPENDIX A
Table 1
Surface Soil Results as Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
VALVENORTH	6/17/2005	Propionitrile	9.9	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
VALVENORTH	6/17/2005	Propylene Glycol	2900	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
VALVENORTH	6/17/2005	Propylene Glycol	3200	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
VALVENORTH	6/17/2005	Pyrene	390	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
VALVENORTH	6/17/2005	Pyrene	930	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
VALVENORTH	6/17/2005	Pyridine	150	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
VALVENORTH	6/17/2005	Pyridine	160	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
VALVENORTH	6/17/2005	Safrole	10	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
VALVENORTH	6/17/2005	Safrole	11	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
VALVENORTH	6/17/2005	Selenium	0.25	MG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
VALVENORTH	6/17/2005	Selenium	0.38	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
VALVENORTH	6/17/2005	Silver	0.13	MG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
VALVENORTH	6/17/2005	Silver	0.2	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
VALVENORTH	6/17/2005	Styrene	2.4	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
VALVENORTH	6/17/2005	Styrene	2.1	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
VALVENORTH	6/17/2005	Terephthalic Acid	6.1	MG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
VALVENORTH	6/17/2005	Terephthalic Acid	5.6	MG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
VALVENORTH	6/17/2005	Tetrachloroethene	0.67	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
VALVENORTH	6/17/2005	Tetrachloroethene	0.59	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
VALVENORTH	6/17/2005	Tetraethyl Dithiopyrophosphate	50	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
VALVENORTH	6/17/2005	Tetraethyl Dithiopyrophosphate	45	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	62000
VALVENORTH	6/17/2005	Thallium	0.21	MG/KG		UJ		N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
VALVENORTH	6/17/2005	Thallium	0.32	MG/KG		UJ		N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
VALVENORTH	6/17/2005	Thionazin	44	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
VALVENORTH	6/17/2005	Thionazin	41	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
VALVENORTH	6/17/2005	Tin	1.3	MG/KG	B J	B		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
VALVENORTH	6/17/2005	Tin	0.84	MG/KG	B J	B		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
VALVENORTH	6/17/2005	Toluene	1.3	UG/KG	J	J		Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
VALVENORTH	6/17/2005	Toluene	1.6	UG/KG	J	J		Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
VALVENORTH	6/17/2005	trans-1,2-Dichloroethene	0.51	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
VALVENORTH	6/17/2005	trans-1,2-Dichloroethene	0.57	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
VALVENORTH	6/17/2005	trans-1,3-Dichloropropene	2	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
VALVENORTH	6/17/2005	trans-1,3-Dichloropropene	1.7	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
VALVENORTH	6/17/2005	Trichloroethene	0.64	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
VALVENORTH	6/17/2005	Trichloroethene	0.57	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
VALVENORTH	6/17/2005	Trichlorofluoromethane	0.74	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
VALVENORTH	6/17/2005	Trichlorofluoromethane	0.65	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
VALVENORTH	6/17/2005	Triethylene Glycol	3400	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
VALVENORTH	6/17/2005	Triethylene Glycol	3100	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
VALVENORTH	6/17/2005	Benzo[A]Pyrene	230	UG/KG	J	J	Y	Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
VALVENORTH	6/17/2005	Benzo[A]Pyrene	450	UG/KG			Y	Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
VALVENORTH	6/17/2005	Vanadium	9	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
VALVENORTH	6/17/2005	Vanadium	9.4	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
VALVENORTH	6/17/2005	Vinyl Acetate	0.74	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
VALVENORTH	6/17/2005	Vinyl Acetate	0.66	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
VALVENORTH	6/17/2005	Vinyl Chloride	0.45	UG/KG				N	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
VALVENORTH	6/17/2005	Vinyl Chloride	0.51	UG/KG				N	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
VALVENORTH	6/17/2005	Xylenes	7.4	UG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
VALVENORTH	6/17/2005	Xylenes	4.8	UG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
VALVENORTH	6/17/2005	Zinc	20.7	MG/KG				Y	0-2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
VALVENORTH	6/17/2005	Zinc	22.3	MG/KG				Y	0-2 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04

APPENDIX B
SUBSURFACE SOIL
ANALYTICAL RESULTS

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-4	1/21/1997	1,1,1-Trichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-01-4	1/21/1997	1,1,1-Trichloroethane	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-01-4	1/21/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-01-4	1/21/1997	1,1,2,2-Tetrachloroethane	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-01-4	1/21/1997	1,1,2-Trichloroethane	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-4	1/21/1997	1,1,2-Trichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-4	1/21/1997	1,1-Dichloroethane	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-01-4	1/21/1997	1,1-Dichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-01-4	1/21/1997	1,1-Dichloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-01-4	1/21/1997	1,1-Dichloroethene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-01-4	1/21/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-01-4	1/21/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-01-4	1/21/1997	1,2-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-01-4	1/21/1997	1,2-Dichlorobenzene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-01-4	1/21/1997	1,2-Dichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-4	1/21/1997	1,2-Dichloroethane	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-4	1/21/1997	1,2-Dichloropropane	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-01-4	1/21/1997	1,2-Dichloropropane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-01-4	1/21/1997	1,3-Dichlorobenzene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-4	1/21/1997	1,3-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-4	1/21/1997	1,4-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-01-4	1/21/1997	1,4-Dichlorobenzene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-01-4	1/21/1997	2,4,5-Trichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	2,4,5-Trichlorophenol	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	2,4,6-Trichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-4	1/21/1997	2,4,6-Trichlorophenol	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-4	1/21/1997	2,4-Dichlorophenol	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-4	1/21/1997	2,4-Dichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-4	1/21/1997	2,4-Dimethylphenol	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-01-4	1/21/1997	2,4-Dimethylphenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-01-4	1/21/1997	2,4-Dinitrophenol	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-01-4	1/21/1997	2,4-Dinitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-01-4	1/21/1997	2,4-Dinitrotoluene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-01-4	1/21/1997	2,4-Dinitrotoluene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-01-4	1/21/1997	2,6-Dinitrotoluene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-4	1/21/1997	2,6-Dinitrotoluene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-4	1/21/1997	2-Chloronaphthalene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-01-4	1/21/1997	2-Chloronaphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-01-4	1/21/1997	2-Chlorophenol	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-01-4	1/21/1997	2-Chlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-01-4	1/21/1997	2-Hexanone	24	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-4	1/21/1997	2-Hexanone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-4	1/21/1997	2-Methylnaphthalene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-01-4	1/21/1997	2-Methylnaphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-01-4	1/21/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	2-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-4	1/21/1997	2-Nitroaniline	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-4	1/21/1997	2-Nitrophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-01-4	1/21/1997	2-Nitrophenol	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-01-4	1/21/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-01-4	1/21/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-01-4	1/21/1997	3-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-4	1/21/1997	3-Nitroaniline	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-4	1/21/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-01-4	1/21/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-4	1/21/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-4	1/21/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-4	1/21/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	4-Chloroaniline	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-4	1/21/1997	4-Chloroaniline	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-4	1/21/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-4	1/21/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-4	1/21/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	4-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-01-4	1/21/1997	4-Nitroaniline	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-01-4	1/21/1997	4-Nitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-4	1/21/1997	4-Nitrophenol	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-4	1/21/1997	Acenaphthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-01-4	1/21/1997	Acenaphthene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-01-4	1/21/1997	Acenaphthylene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-01-4	1/21/1997	Acenaphthylene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-01-4	1/21/1997	Acetaldehyde	6000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-01-4	1/21/1997	Acetaldehyde	5900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-01-4	1/21/1997	Acetone	24	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-4	1/21/1997	Acetone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-4	1/21/1997	Arsenic	2.6	MG/KG			Y	Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-01-4	1/21/1997	Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-4	1/21/1997	Anthracene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-4	1/21/1997	Antimony	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-01-4	1/21/1997	Antimony	2.4	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-01-4	1/21/1997	Arsenic	2.4	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-01-4	1/21/1997	Barium	23.6	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-01-4	1/21/1997	Barium	24	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-01-4	1/21/1997	Benzene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-01-4	1/21/1997	Benzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-01-4	1/21/1997	Benzo(A)Anthracene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-4	1/21/1997	Benzo(A)Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-4	1/21/1997	Benzo(B)Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-4	1/21/1997	Benzo(B)Fluoranthene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-4	1/21/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-01-4	1/21/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-01-4	1/21/1997	Benzo(K)Fluoranthene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-01-4	1/21/1997	Benzo(K)Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-01-4	1/21/1997	Benzo[A]Pyrene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-4	1/21/1997	Benzo[A]Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-4	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-4	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-4	1/21/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-4	1/21/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-4	1/21/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-01-4	1/21/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-01-4	1/21/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-4	1/21/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-4	1/21/1997	Bromodichloromethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-4	1/21/1997	Bromodichloromethane	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-4	1/21/1997	Bromoform	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-01-4	1/21/1997	Bromoform	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-01-4	1/21/1997	Butyl Benzyl Phthalate	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
09-01-4	1/21/1997	Butyl Benzyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-4	1/21/1997	Cadmium	0.47	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-01-4	1/21/1997	Cadmium	0.48	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-01-4	1/21/1997	Carbazole	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-01-4	1/21/1997	Carbazole	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-01-4	1/21/1997	Carbon Disulfide	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-4	1/21/1997	Carbon Disulfide	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-4	1/21/1997	Carbon Tetrachloride	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-01-4	1/21/1997	Carbon Tetrachloride	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-01-4	1/21/1997	Chlorobenzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-4	1/21/1997	Chlorobenzene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-4	1/21/1997	Chlorodibromomethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-01-4	1/21/1997	Chlorodibromomethane	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-01-4	1/21/1997	Chloroform	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-01-4	1/21/1997	Chloroform	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-01-4	1/21/1997	Chromium	14.3	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
09-01-4	1/21/1997	Chromium	12.1	MG/KG				Y	2-4 Feet	DUP	Other Solid	Site Background	42.7
09-01-4	1/21/1997	Chrysene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-01-4	1/21/1997	Chrysene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-01-4	1/21/1997	cis-1,2 Dichloroethene	3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-01-4	1/21/1997	cis-1,2 Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-01-4	1/21/1997	cis-1,3-Dichloropropene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-4	1/21/1997	cis-1,3-Dichloropropene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-4	1/21/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-4	1/21/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-4	1/21/1997	Dibenzofuran	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-01-4	1/21/1997	Dibenzofuran	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-01-4	1/21/1997	Diethyl Phthalate	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-01-4	1/21/1997	Diethyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-01-4	1/21/1997	Diethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-4	1/21/1997	Diethylene Glycol	30000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-4	1/21/1997	Dimethyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-01-4	1/21/1997	Dimethyl Phthalate	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-01-4	1/21/1997	Di-N-Butyl Phthalate	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	Di-N-Butyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-4	1/21/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-01-4	1/21/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-01-4	1/21/1997	Ethylbenzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-01-4	1/21/1997	Ethylbenzene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-01-4	1/21/1997	Ethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-4	1/21/1997	Ethylene Glycol	30000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-4	1/21/1997	Fluoranthene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-4	1/21/1997	Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-4	1/21/1997	Fluorene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-4	1/21/1997	Fluorene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-4	1/21/1997	Hexachlorobenzene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-01-4	1/21/1997	Hexachlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-01-4	1/21/1997	Hexachlorobutadiene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-4	1/21/1997	Hexachlorobutadiene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-4	1/21/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-4	1/21/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-4	1/21/1997	Hexachloroethane	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-01-4	1/21/1997	Hexachloroethane	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-01-4	1/21/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-4	1/21/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-4	1/21/1997	Isophorone	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-01-4	1/21/1997	Isophorone	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-4	1/21/1997	Lead	5.7	MG/KG				Y	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-01-4	1/21/1997	Lead	6.3	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-01-4	1/21/1997	Manganese	8.3	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-01-4	1/21/1997	Manganese	10.5	MG/KG				Y	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-01-4	1/21/1997	Mercury	0.12	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-01-4	1/21/1997	Mercury	0.12	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-01-4	1/21/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-01-4	1/21/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-01-4	1/21/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-01-4	1/21/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-01-4	1/21/1997	Methyl Ethyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-01-4	1/21/1997	Methyl Ethyl Ketone	24	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-01-4	1/21/1997	Methyl Isobutyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-4	1/21/1997	Methyl Isobutyl Ketone	24	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-4	1/21/1997	Methylene Chloride	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-4	1/21/1997	Methylene Chloride	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-4	1/21/1997	Naphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-01-4	1/21/1997	Naphthalene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-01-4	1/21/1997	N-Dioctyl Phthalate	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-4	1/21/1997	N-Dioctyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-4	1/21/1997	Nitrobenzene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-4	1/21/1997	Nitrobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-4	1/21/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-01-4	1/21/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-01-4	1/21/1997	N-Nitrosodiphenylamine	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-01-4	1/21/1997	N-Nitrosodiphenylamine	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-01-4	1/21/1997	Pentachlorophenol	1900	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-01-4	1/21/1997	Pentachlorophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-01-4	1/21/1997	Phenanthrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-01-4	1/21/1997	Phenanthrene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-01-4	1/21/1997	Phenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-01-4	1/21/1997	Phenol	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-01-4	1/21/1997	Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-01-4	1/21/1997	Pyrene	390	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-01-4	1/21/1997	Selenium	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-4	1/21/1997	Selenium	1.2	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-4	1/21/1997	Silver	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-4	1/21/1997	Silver	1.2	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-4	1/21/1997	Styrene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-01-4	1/21/1997	Styrene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-01-4	1/21/1997	Tetrachloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-01-4	1/21/1997	Tetrachloroethene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-01-4	1/21/1997	Toluene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-01-4	1/21/1997	Toluene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-01-4	1/21/1997	trans-1,2-Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-01-4	1/21/1997	trans-1,2-Dichloroethene	3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-01-4	1/21/1997	trans-1,3-Dichloropropene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-4	1/21/1997	trans-1,3-Dichloropropene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-4	1/21/1997	Trichloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-01-4	1/21/1997	Trichloroethene	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-01-4	1/21/1997	Triethylene Glycol	30000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-4	1/21/1997	Triethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-4	1/21/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-01-4	1/21/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-01-4	1/21/1997	Xylenes	5.9	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
09-01-4	1/21/1997	Xylenes	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-02-4	1/21/1997	1,1,1-Trichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-02-4	1/21/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-02-4	1/21/1997	1,1,2-Trichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-02-4	1/21/1997	1,1-Dichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-02-4	1/21/1997	1,1-Dichloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-02-4	1/21/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-02-4	1/21/1997	1,2-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-02-4	1/21/1997	1,2-Dichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-02-4	1/21/1997	1,2-Dichloropropane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-02-4	1/21/1997	1,3-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-02-4	1/21/1997	1,4-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-02-4	1/21/1997	2,4,5-Trichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-4	1/21/1997	2,4,6-Trichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-02-4	1/21/1997	2,4-Dichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-02-4	1/21/1997	2,4-Dimethylphenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-02-4	1/21/1997	2,4-Dinitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-02-4	1/21/1997	2,4-Dinitrotoluene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-02-4	1/21/1997	2,6-Dinitrotoluene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-02-4	1/21/1997	2-Chloronaphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-02-4	1/21/1997	2-Chlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-02-4	1/21/1997	2-Hexanone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-02-4	1/21/1997	2-Methylnaphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-02-4	1/21/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-4	1/21/1997	2-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-02-4	1/21/1997	2-Nitrophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-02-4	1/21/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-02-4	1/21/1997	3-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-02-4	1/21/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-02-4	1/21/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-02-4	1/21/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-4	1/21/1997	4-Chloroaniline	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-02-4	1/21/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-02-4	1/21/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-4	1/21/1997	4-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-02-4	1/21/1997	4-Nitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-02-4	1/21/1997	Acenaphthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-02-4	1/21/1997	Acenaphthylene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-02-4	1/21/1997	Acetaldehyde	6000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-02-4	1/21/1997	Acetone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-02-4	1/21/1997	Arsenic	4.2	MG/KG			Y	Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-02-4	1/21/1997	Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-02-4	1/21/1997	Antimony	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-02-4	1/21/1997	Barium	23.9	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-02-4	1/21/1997	Benzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-02-4	1/21/1997	Benzo(A)Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-4	1/21/1997	Benzo(B)Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-4	1/21/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-02-4	1/21/1997	Benzo(K)Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-02-4	1/21/1997	Benzo[A]Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-02-4	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-02-4	1/21/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-02-4	1/21/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-02-4	1/21/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-02-4	1/21/1997	Bromodichloromethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-02-4	1/21/1997	Bromoform	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-02-4	1/21/1997	Butyl Benzyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-02-4	1/21/1997	Cadmium	0.48	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-02-4	1/21/1997	Carbazole	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-02-4	1/21/1997	Carbon Disulfide	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-02-4	1/21/1997	Carbon Tetrachloride	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-02-4	1/21/1997	Chlorobenzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-02-4	1/21/1997	Chlorodibromomethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-02-4	1/21/1997	Chloroform	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-02-4	1/21/1997	Chromium	12	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
09-02-4	1/21/1997	Chrysene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-02-4	1/21/1997	cis-1,2 Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-02-4	1/21/1997	cis-1,3-Dichloropropene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-02-4	1/21/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-02-4	1/21/1997	Dibenzofuran	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-02-4	1/21/1997	Diethyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-02-4	1/21/1997	Diethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-02-4	1/21/1997	Dimethyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-02-4	1/21/1997	Di-N-Butyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-4	1/21/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-02-4	1/21/1997	Ethylbenzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-02-4	1/21/1997	Ethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-02-4	1/21/1997	Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-02-4	1/21/1997	Fluorene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-02-4	1/21/1997	Hexachlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-02-4	1/21/1997	Hexachlorobutadiene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-02-4	1/21/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-02-4	1/21/1997	Hexachloroethane	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-02-4	1/21/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-4	1/21/1997	Isophorone	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-02-4	1/21/1997	Lead	10.4	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-02-4	1/21/1997	Manganese	3.6	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-02-4	1/21/1997	Mercury	0.12	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-02-4	1/21/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-02-4	1/21/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-02-4	1/21/1997	Methyl Ethyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-02-4	1/21/1997	Methyl Isobutyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-02-4	1/21/1997	Methylene Chloride	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-02-4	1/21/1997	Naphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-02-4	1/21/1997	N-Dioctyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-02-4	1/21/1997	Nitrobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-02-4	1/21/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-02-4	1/21/1997	N-Nitrosodiphenylamine	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-02-4	1/21/1997	Pentachlorophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-02-4	1/21/1997	Phenanthrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-02-4	1/21/1997	Phenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-02-4	1/21/1997	Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-02-4	1/21/1997	Selenium	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-02-4	1/21/1997	Silver	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-02-4	1/21/1997	Styrene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-02-4	1/21/1997	Tetrachloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-02-4	1/21/1997	Toluene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-02-4	1/21/1997	trans-1,2-Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-02-4	1/21/1997	trans-1,3-Dichloropropene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-02-4	1/21/1997	Trichloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-02-4	1/21/1997	Triethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-02-4	1/21/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-02-4	1/21/1997	Xylenes	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-03-4	1/22/1997	1,1,1-Trichloroethane	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-03-4	1/22/1997	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-03-4	1/22/1997	1,1,2-Trichloroethane	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-03-4	1/22/1997	1,1-Dichloroethane	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-03-4	1/22/1997	1,1-Dichloroethene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-03-4	1/22/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-03-4	1/22/1997	1,2-Dichlorobenzene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-03-4	1/22/1997	1,2-Dichloroethane	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-03-4	1/22/1997	1,2-Dichloropropane	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-03-4	1/22/1997	1,3-Dichlorobenzene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-03-4	1/22/1997	1,4-Dichlorobenzene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-03-4	1/22/1997	2,4,5-Trichlorophenol	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-4	1/22/1997	2,4,6-Trichlorophenol	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-03-4	1/22/1997	2,4-Dichlorophenol	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-03-4	1/22/1997	2,4-Dimethylphenol	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-03-4	1/22/1997	2,4-Dinitrophenol	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-03-4	1/22/1997	2,4-Dinitrotoluene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-03-4	1/22/1997	2,6-Dinitrotoluene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-03-4	1/22/1997	2-Chloronaphthalene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-03-4	1/22/1997	2-Chlorophenol	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-03-4	1/22/1997	2-Hexanone	23	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-03-4	1/22/1997	2-Methylnaphthalene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-03-4	1/22/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-4	1/22/1997	2-Nitroaniline	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-03-4	1/22/1997	2-Nitrophenol	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-03-4	1/22/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-03-4	1/22/1997	3-Nitroaniline	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-03-4	1/22/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-03-4	1/22/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-03-4	1/22/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-4	1/22/1997	4-Chloroaniline	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-03-4	1/22/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-03-4	1/22/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-4	1/22/1997	4-Nitroaniline	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-03-4	1/22/1997	4-Nitrophenol	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-03-4	1/22/1997	Acenaphthene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-03-4	1/22/1997	Acenaphthylene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-03-4	1/22/1997	Acetaldehyde	5700	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-03-4	1/22/1997	Acetone	23	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-03-4	1/22/1997	Anthracene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-03-4	1/22/1997	Antimony	2.3	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-03-4	1/22/1997	Arsenic	2.3	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-03-4	1/22/1997	Barium	23	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-03-4	1/22/1997	Benzene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-03-4	1/22/1997	Benzo(A)Anthracene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-4	1/22/1997	Benzo(B)Fluoranthene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-4	1/22/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-03-4	1/22/1997	Benzo(K)Fluoranthene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-03-4	1/22/1997	Benzo[A]Pyrene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-03-4	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-03-4	1/22/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-03-4	1/22/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-03-4	1/22/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-03-4	1/22/1997	Bromodichloromethane	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-03-4	1/22/1997	Bromoform	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-03-4	1/22/1997	Butyl Benzyl Phthalate	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-03-4	1/22/1997	Cadmium	0.46	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-03-4	1/22/1997	Carbazole	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-03-4	1/22/1997	Carbon Disulfide	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-03-4	1/22/1997	Carbon Tetrachloride	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-03-4	1/22/1997	Chlorobenzene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-03-4	1/22/1997	Chlorodibromomethane	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-03-4	1/22/1997	Chloroform	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-03-4	1/22/1997	Chromium	8	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
09-03-4	1/22/1997	Chrysene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-03-4	1/22/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-03-4	1/22/1997	cis-1,3-Dichloropropene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-03-4	1/22/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-03-4	1/22/1997	Dibenzofuran	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-03-4	1/22/1997	Diethyl Phthalate	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-03-4	1/22/1997	Diethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-03-4	1/22/1997	Dimethyl Phthalate	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-03-4	1/22/1997	Di-N-Butyl Phthalate	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-4	1/22/1997	Ethyl Chloride	11	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-03-4	1/22/1997	Ethylbenzene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-03-4	1/22/1997	Ethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-03-4	1/22/1997	Fluoranthene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-03-4	1/22/1997	Fluorene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-03-4	1/22/1997	Hexachlorobenzene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-03-4	1/22/1997	Hexachlorobutadiene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-03-4	1/22/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-03-4	1/22/1997	Hexachloroethane	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-03-4	1/22/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-4	1/22/1997	Isophorone	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-03-4	1/22/1997	Lead	4.1	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-03-4	1/22/1997	Manganese	7	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-03-4	1/22/1997	Mercury	0.11	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-03-4	1/22/1997	Methyl Bromide	11	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-03-4	1/22/1997	Methyl Chloride	11	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-03-4	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-03-4	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-03-4	1/22/1997	Methylene Chloride	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-03-4	1/22/1997	Naphthalene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-03-4	1/22/1997	N-Dioctyl Phthalate	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-03-4	1/22/1997	Nitrobenzene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-03-4	1/22/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-03-4	1/22/1997	N-Nitrosodiphenylamine	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-03-4	1/22/1997	Pentachlorophenol	1800	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-03-4	1/22/1997	Phenanthrene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-03-4	1/22/1997	Phenol	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-03-4	1/22/1997	Pyrene	380	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-03-4	1/22/1997	Selenium	1.1	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-03-4	1/22/1997	Silver	1.1	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-03-4	1/22/1997	Styrene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-03-4	1/22/1997	Tetrachloroethene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-03-4	1/22/1997	Toluene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-03-4	1/22/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-03-4	1/22/1997	trans-1,3-Dichloropropene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-03-4	1/22/1997	Trichloroethene	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-03-4	1/22/1997	Triethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-03-4	1/22/1997	Vinyl Chloride	11	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-03-4	1/22/1997	Xylenes	5.7	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-04-4	1/22/1997	1,1,1-Trichloroethane	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-04-4	1/22/1997	1,1,2,2-Tetrachloroethane	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-04-4	1/22/1997	1,1,2-Trichloroethane	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-04-4	1/22/1997	1,1-Dichloroethane	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-04-4	1/22/1997	1,1-Dichloroethene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-04-4	1/22/1997	1,2,4-Trichlorobenzene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-04-4	1/22/1997	1,2-Dichlorobenzene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-04-4	1/22/1997	1,2-Dichloroethane	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-04-4	1/22/1997	1,2-Dichloropropane	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-04-4	1/22/1997	1,3-Dichlorobenzene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-04-4	1/22/1997	1,4-Dichlorobenzene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-04-4	1/22/1997	2,4,5-Trichlorophenol	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-4	1/22/1997	2,4,6-Trichlorophenol	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-04-4	1/22/1997	2,4-Dichlorophenol	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-04-4	1/22/1997	2,4-Dimethylphenol	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-04-4	1/22/1997	2,4-Dinitrophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-04-4	1/22/1997	2,4-Dinitrotoluene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-04-4	1/22/1997	2,6-Dinitrotoluene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-04-4	1/22/1997	2-Chloronaphthalene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-04-4	1/22/1997	2-Chlorophenol	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-04-4	1/22/1997	2-Hexanone	25	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-04-4	1/22/1997	2-Methylnaphthalene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-04-4	1/22/1997	2-Methylphenol (O-Cresol)	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-4	1/22/1997	2-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-04-4	1/22/1997	2-Nitrophenol	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-04-4	1/22/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-04-4	1/22/1997	3-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-04-4	1/22/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-04-4	1/22/1997	4-Bromophenyl Phenyl Ether	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-04-4	1/22/1997	4-Chloro-3-Methylphenol	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-4	1/22/1997	4-Chloroaniline	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-04-4	1/22/1997	4-Chlorophenyl Phenyl Ether	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-04-4	1/22/1997	4-Methylphenol (P-Cresol)	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-4	1/22/1997	4-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-04-4	1/22/1997	4-Nitrophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-04-4	1/22/1997	Acenaphthene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-04-4	1/22/1997	Acenaphthylene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-04-4	1/22/1997	Acetaldehyde	6200	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-04-4	1/22/1997	Acetone	25	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-04-4	1/22/1997	Arsenic	4.6	MG/KG			Y	Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-04-4	1/22/1997	Anthracene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-04-4	1/22/1997	Antimony	2.5	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-04-4	1/22/1997	Barium	50.3	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-04-4	1/22/1997	Benzene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-04-4	1/22/1997	Benzo(A)Anthracene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-4	1/22/1997	Benzo(B)Fluoranthene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-4	1/22/1997	Benzo(G,H,I)Perylene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-04-4	1/22/1997	Benzo(K)Fluoranthene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-04-4	1/22/1997	Benzo[A]Pyrene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-04-4	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-04-4	1/22/1997	Bis(2-Chloroethoxy)Methane	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-04-4	1/22/1997	Bis(2-Chloroethyl)Ether	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-04-4	1/22/1997	Bis(2-Ethylhexyl)Phthalate	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-04-4	1/22/1997	Bromodichloromethane	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-04-4	1/22/1997	Bromoform	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-04-4	1/22/1997	Butyl Benzyl Phthalate	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-04-4	1/22/1997	Cadmium	0.49	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-04-4	1/22/1997	Carbazole	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-04-4	1/22/1997	Carbon Disulfide	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-04-4	1/22/1997	Carbon Tetrachloride	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-04-4	1/22/1997	Chlorobenzene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-04-4	1/22/1997	Chlorodibromomethane	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-04-4	1/22/1997	Chloroform	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-04-4	1/22/1997	Chromium	28.9	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
09-04-4	1/22/1997	Chrysene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-04-4	1/22/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-04-4	1/22/1997	cis-1,3-Dichloropropene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-04-4	1/22/1997	Dibenz(A,H)Anthracene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-04-4	1/22/1997	Dibenzofuran	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-04-4	1/22/1997	Diethyl Phthalate	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-04-4	1/22/1997	Diethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-04-4	1/22/1997	Dimethyl Phthalate	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-04-4	1/22/1997	Di-N-Butyl Phthalate	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-4	1/22/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-04-4	1/22/1997	Ethylbenzene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-04-4	1/22/1997	Ethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-04-4	1/22/1997	Fluoranthene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-04-4	1/22/1997	Fluorene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-04-4	1/22/1997	Hexachlorobenzene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-04-4	1/22/1997	Hexachlorobutadiene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-04-4	1/22/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-04-4	1/22/1997	Hexachloroethane	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-04-4	1/22/1997	Indeno (1,2,3-CD) Pyrene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-4	1/22/1997	Isophorone	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-04-4	1/22/1997	Lead	6.1	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-04-4	1/22/1997	Manganese	3.7	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-04-4	1/22/1997	Mercury	0.12	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-04-4	1/22/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-04-4	1/22/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-04-4	1/22/1997	Methyl Ethyl Ketone	25	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-04-4	1/22/1997	Methyl Isobutyl Ketone	25	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-04-4	1/22/1997	Methylene Chloride	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-04-4	1/22/1997	Naphthalene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-04-4	1/22/1997	N-Dioctyl Phthalate	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-04-4	1/22/1997	Nitrobenzene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-04-4	1/22/1997	N-Nitrosodi-N-Propylamine	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-04-4	1/22/1997	N-Nitrosodiphenylamine	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-04-4	1/22/1997	Pentachlorophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-04-4	1/22/1997	Phenanthrene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-04-4	1/22/1997	Phenol	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-04-4	1/22/1997	Pyrene	410	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-04-4	1/22/1997	Selenium	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-04-4	1/22/1997	Silver	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-04-4	1/22/1997	Styrene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-04-4	1/22/1997	Tetrachloroethene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-04-4	1/22/1997	Toluene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-04-4	1/22/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-04-4	1/22/1997	trans-1,3-Dichloropropene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-04-4	1/22/1997	Trichloroethene	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-04-4	1/22/1997	Triethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-04-4	1/22/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-04-4	1/22/1997	Xylenes	6.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-7	1/21/1997	1,1,1-Trichloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-01-7	1/21/1997	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-01-7	1/21/1997	1,1,2-Trichloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-7	1/21/1997	1,1-Dichloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-01-7	1/21/1997	1,1-Dichloroethene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-01-7	1/21/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-01-7	1/21/1997	1,2-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-01-7	1/21/1997	1,2-Dichloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-7	1/21/1997	1,2-Dichloropropane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-01-7	1/21/1997	1,3-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-7	1/21/1997	1,4-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-01-7	1/21/1997	2,4,5-Trichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-7	1/21/1997	2,4,6-Trichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-7	1/21/1997	2,4-Dichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-7	1/21/1997	2,4-Dimethylphenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-01-7	1/21/1997	2,4-Dinitrophenol	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-01-7	1/21/1997	2,4-Dinitrotoluene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-01-7	1/21/1997	2,6-Dinitrotoluene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-7	1/21/1997	2-Chloronaphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-01-7	1/21/1997	2-Chlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-01-7	1/21/1997	2-Hexanone	25	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-7	1/21/1997	2-Methylnaphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-01-7	1/21/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-7	1/21/1997	2-Nitroaniline	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-7	1/21/1997	2-Nitrophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-01-7	1/21/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-01-7	1/21/1997	3-Nitroaniline	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-7	1/21/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-01-7	1/21/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-7	1/21/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-7	1/21/1997	4-Chloroaniline	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-7	1/21/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-7	1/21/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-7	1/21/1997	4-Nitroaniline	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-01-7	1/21/1997	4-Nitrophenol	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-7	1/21/1997	Acenaphthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-01-7	1/21/1997	Acenaphthylene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-01-7	1/21/1997	Acetaldehyde	6100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-01-7	1/21/1997	Acetone	25	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-7	1/21/1997	Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-7	1/21/1997	Antimony	2.5	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-01-7	1/21/1997	Arsenic	2.5	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-01-7	1/21/1997	Barium	24.5	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-01-7	1/21/1997	Benzene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-01-7	1/21/1997	Benzo(A)Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-7	1/21/1997	Benzo(B)Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-7	1/21/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-01-7	1/21/1997	Benzo(K)Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-01-7	1/21/1997	Benzo[A]Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-7	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-7	1/21/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-7	1/21/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-01-7	1/21/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-7	1/21/1997	Bromodichloromethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-7	1/21/1997	Bromoform	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-01-7	1/21/1997	Butyl Benzyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-7	1/21/1997	Cadmium	0.49	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-01-7	1/21/1997	Carbazole	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-01-7	1/21/1997	Carbon Disulfide	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-7	1/21/1997	Carbon Tetrachloride	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-01-7	1/21/1997	Chlorobenzene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-7	1/21/1997	Chlorodibromomethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-01-7	1/21/1997	Chloroform	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-01-7	1/21/1997	Chromium	14.6	MG/KG				Y	5-7 Feet	FS	Other Solid	Site Background	42.7
09-01-7	1/21/1997	Chrysene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-01-7	1/21/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-01-7	1/21/1997	cis-1,3-Dichloropropene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-7	1/21/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-7	1/21/1997	Dibenzofuran	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-01-7	1/21/1997	Diethyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-01-7	1/21/1997	Diethylene Glycol	31000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-7	1/21/1997	Dimethyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-01-7	1/21/1997	Di-N-Butyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-7	1/21/1997	Ethyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-01-7	1/21/1997	Ethylbenzene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-01-7	1/21/1997	Ethylene Glycol	31000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-7	1/21/1997	Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-7	1/21/1997	Fluorene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-7	1/21/1997	Hexachlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-01-7	1/21/1997	Hexachlorobutadiene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-7	1/21/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-7	1/21/1997	Hexachloroethane	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-01-7	1/21/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-7	1/21/1997	Isophorone	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-01-7	1/21/1997	Lead	6.1	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-01-7	1/21/1997	Manganese	4	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-01-7	1/21/1997	Mercury	0.12	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-01-7	1/21/1997	Methyl Bromide	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-01-7	1/21/1997	Methyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-01-7	1/21/1997	Methyl Ethyl Ketone	25	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-01-7	1/21/1997	Methyl Isobutyl Ketone	25	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-7	1/21/1997	Methylene Chloride	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-7	1/21/1997	Naphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-01-7	1/21/1997	N-Dioctyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-7	1/21/1997	Nitrobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-7	1/21/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-01-7	1/21/1997	N-Nitrosodiphenylamine	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-01-7	1/21/1997	Pentachlorophenol	2000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-01-7	1/21/1997	Phenanthrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-01-7	1/21/1997	Phenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-01-7	1/21/1997	Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-01-7	1/21/1997	Selenium	1.2	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-7	1/21/1997	Silver	1.2	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-7	1/21/1997	Styrene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-01-7	1/21/1997	Tetrachloroethene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-01-7	1/21/1997	Toluene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-01-7	1/21/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-01-7	1/21/1997	trans-1,3-Dichloropropene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-7	1/21/1997	Trichloroethene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-01-7	1/21/1997	Triethylene Glycol	31000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-7	1/21/1997	Vinyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-01-7	1/21/1997	Xylenes	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-2-7	1/21/1997	1,1,1-Trichloroethane	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-2-7	1/21/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-2-7	1/21/1997	1,1,2-Trichloroethane	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-2-7	1/21/1997	1,1-Dichloroethane	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-2-7	1/21/1997	1,1-Dichloroethene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-2-7	1/21/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-2-7	1/21/1997	1,2-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-2-7	1/21/1997	1,2-Dichloroethane	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-2-7	1/21/1997	1,2-Dichloropropane	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-02-7	1/21/1997	1,3-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-2-7	1/21/1997	1,4-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-2-7	1/21/1997	2,4,5-Trichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-2-7	1/21/1997	2,4,6-Trichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-2-7	1/21/1997	2,4-Dichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-2-7	1/21/1997	2,4-Dimethylphenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-2-7	1/21/1997	2,4-Dinitrophenol	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-2-7	1/21/1997	2,4-Dinitrotoluene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-2-7	1/21/1997	2,6-Dinitrotoluene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-2-7	1/21/1997	2-Chloronaphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-2-7	1/21/1997	2-Chlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-2-7	1/21/1997	2-Hexanone	24	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-2-7	1/21/1997	2-Methylnaphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-2-7	1/21/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-2-7	1/21/1997	2-Nitroaniline	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-02-7	1/21/1997	2-Nitrophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-2-7	1/21/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-02-7	1/21/1997	3-Nitroaniline	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-2-7	1/21/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-02-7	1/21/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-2-7	1/21/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-2-7	1/21/1997	4-Chloroaniline	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-02-7	1/21/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-2-7	1/21/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-2-7	1/21/1997	4-Nitroaniline	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-02-7	1/21/1997	4-Nitrophenol	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-2-7	1/21/1997	Acenaphthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-02-7	1/21/1997	Acenaphthylene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-2-7	1/21/1997	Acetaldehyde	6000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-2-7	1/21/1997	Acetone	26	UG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-2-7	1/21/1997	Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-2-7	1/21/1997	Antimony	2.4	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-2-7	1/21/1997	Arsenic	2.4	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-2-7	1/21/1997	Barium	60.4	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-2-7	1/21/1997	Benzene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-2-7	1/21/1997	Benzo(A)Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-2-7	1/21/1997	Benzo(B)Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-7	1/21/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-2-7	1/21/1997	Benzo(K)Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-2-7	1/21/1997	Benzo[A]Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-2-7	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-2-7	1/21/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-2-7	1/21/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-2-7	1/21/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-2-7	1/21/1997	Bromodichloromethane	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-2-7	1/21/1997	Bromoform	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-2-7	1/21/1997	Butyl Benzyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-2-7	1/21/1997	Cadmium	0.48	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-02-7	1/21/1997	Carbazole	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-2-7	1/21/1997	Carbon Disulfide	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-2-7	1/21/1997	Carbon Tetrachloride	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-2-7	1/21/1997	Chlorobenzene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-2-7	1/21/1997	Chlorodibromomethane	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-2-7	1/21/1997	Chloroform	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-02-7	1/21/1997	Chromium	13.9	MG/KG				Y	5-7 Feet	FS	Other Solid	Site Background	42.7
09-2-7	1/21/1997	Chrysene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-2-7	1/21/1997	cis-1,2 Dichloroethene	3	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-02-7	1/21/1997	cis-1,3-Dichloropropene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-2-7	1/21/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-2-7	1/21/1997	Dibenzofuran	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-2-7	1/21/1997	Diethyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-02-7	1/21/1997	Diethylene Glycol	30000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-02-7	1/21/1997	Dimethyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-2-7	1/21/1997	Di-N-Butyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-2-7	1/21/1997	Ethyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-2-7	1/21/1997	Ethylbenzene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-2-7	1/21/1997	Ethylene Glycol	30000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-2-7	1/21/1997	Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-2-7	1/21/1997	Fluorene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-2-7	1/21/1997	Hexachlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-2-7	1/21/1997	Hexachlorobutadiene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-2-7	1/21/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-2-7	1/21/1997	Hexachloroethane	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-2-7	1/21/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-2-7	1/21/1997	Isophorone	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-2-7	1/21/1997	Lead	6.6	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-2-7	1/21/1997	Manganese	3.6	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-2-7	1/21/1997	Mercury	0.12	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-2-7	1/21/1997	Methyl Bromide	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-2-7	1/21/1997	Methyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-2-7	1/21/1997	Methyl Ethyl Ketone	24	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-2-7	1/21/1997	Methyl Isobutyl Ketone	24	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-2-7	1/21/1997	Methylene Chloride	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-2-7	1/21/1997	Naphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-2-7	1/21/1997	N-Dioctyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-2-7	1/21/1997	Nitrobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-2-7	1/21/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-2-7	1/21/1997	N-Nitrosodiphenylamine	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-2-7	1/21/1997	Pentachlorophenol	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-02-7	1/21/1997	Phenanthrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-2-7	1/21/1997	Phenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-2-7	1/21/1997	Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-2-7	1/21/1997	Selenium	1.2	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-2-7	1/21/1997	Silver	1.2	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-2-7	1/21/1997	Styrene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-2-7	1/21/1997	Tetrachloroethene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-2-7	1/21/1997	Toluene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-2-7	1/21/1997	trans-1,2-Dichloroethene	3	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-02-7	1/21/1997	trans-1,3-Dichloropropene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-2-7	1/21/1997	Trichloroethene	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-02-7	1/21/1997	Triethylene Glycol	30000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-2-7	1/21/1997	Vinyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-2-7	1/21/1997	Xylenes	6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-3-7	1/22/1997	1,1,1-Trichloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-3-7	1/22/1997	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-3-7	1/22/1997	1,1,2-Trichloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-3-7	1/22/1997	1,1-Dichloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-3-7	1/22/1997	1,1-Dichloroethene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-3-7	1/22/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-3-7	1/22/1997	1,2-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-3-7	1/22/1997	1,2-Dichloroethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-3-7	1/22/1997	1,2-Dichloropropane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-03-7	1/22/1997	1,3-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-3-7	1/22/1997	1,4-Dichlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-3-7	1/22/1997	2,4,5-Trichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-3-7	1/22/1997	2,4,6-Trichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-3-7	1/22/1997	2,4-Dichlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-3-7	1/22/1997	2,4-Dimethylphenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-3-7	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-3-7	1/22/1997	2,4-Dinitrotoluene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-3-7	1/22/1997	2,6-Dinitrotoluene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-3-7	1/22/1997	2-Chloronaphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-3-7	1/22/1997	2-Chlorophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-3-7	1/22/1997	2-Hexanone	24	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-3-7	1/22/1997	2-Methylnaphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-3-7	1/22/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-3-7	1/22/1997	2-Nitroaniline	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-03-7	1/22/1997	2-Nitrophenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-3-7	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-03-7	1/22/1997	3-Nitroaniline	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-3-7	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-03-7	1/22/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-3-7	1/22/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-3-7	1/22/1997	4-Chloroaniline	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-03-7	1/22/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-3-7	1/22/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-3-7	1/22/1997	4-Nitroaniline	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-03-7	1/22/1997	4-Nitrophenol	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-3-7	1/22/1997	Acenaphthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-03-7	1/22/1997	Acenaphthylene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-3-7	1/22/1997	Acetaldehyde	6100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-3-7	1/22/1997	Acetone	24	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-3-7	1/22/1997	Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-3-7	1/22/1997	Antimony	2.4	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-3-7	1/22/1997	Arsenic	2.4	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-3-7	1/22/1997	Barium	24.3	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-3-7	1/22/1997	Benzene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-3-7	1/22/1997	Benzo(A)Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-3-7	1/22/1997	Benzo(B)Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-7	1/22/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-3-7	1/22/1997	Benzo(K)Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-3-7	1/22/1997	Benzo[A]Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-3-7	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-3-7	1/22/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-3-7	1/22/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-3-7	1/22/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-3-7	1/22/1997	Bromodichloromethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-3-7	1/22/1997	Bromoform	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-3-7	1/22/1997	Butyl Benzyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-3-7	1/22/1997	Cadmium	0.49	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-03-7	1/22/1997	Carbazole	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-3-7	1/22/1997	Carbon Disulfide	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-3-7	1/22/1997	Carbon Tetrachloride	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-3-7	1/22/1997	Chlorobenzene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-3-7	1/22/1997	Chlorodibromomethane	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-3-7	1/22/1997	Chloroform	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-03-7	1/22/1997	Chromium	15	MG/KG				Y	5-7 Feet	FS	Other Solid	Site Background	42.7
09-3-7	1/22/1997	Chrysene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-3-7	1/22/1997	cis-1,2 Dichloroethene	3	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-03-7	1/22/1997	cis-1,3-Dichloropropene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-3-7	1/22/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-3-7	1/22/1997	Dibenzofuran	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-3-7	1/22/1997	Diethyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-03-7	1/22/1997	Diethylene Glycol	30000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-03-7	1/22/1997	Dimethyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-3-7	1/22/1997	Di-N-Butyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-3-7	1/22/1997	Ethyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-3-7	1/22/1997	Ethylbenzene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-3-7	1/22/1997	Ethylene Glycol	30000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-3-7	1/22/1997	Fluoranthene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-3-7	1/22/1997	Fluorene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-3-7	1/22/1997	Hexachlorobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-3-7	1/22/1997	Hexachlorobutadiene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-3-7	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-3-7	1/22/1997	Hexachloroethane	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-3-7	1/22/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-3-7	1/22/1997	Isophorone	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-3-7	1/22/1997	Lead	10.2	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-3-7	1/22/1997	Manganese	3.6	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-3-7	1/22/1997	Mercury	0.12	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-3-7	1/22/1997	Methyl Bromide	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-3-7	1/22/1997	Methyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-3-7	1/22/1997	Methyl Ethyl Ketone	24	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-3-7	1/22/1997	Methyl Isobutyl Ketone	24	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-3-7	1/22/1997	Methylene Chloride	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-3-7	1/22/1997	Naphthalene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-3-7	1/22/1997	N-Dioctyl Phthalate	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-3-7	1/22/1997	Nitrobenzene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-3-7	1/22/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-3-7	1/22/1997	N-Nitrosodiphenylamine	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-3-7	1/22/1997	Pentachlorophenol	1900	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-03-7	1/22/1997	Phenanthrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-3-7	1/22/1997	Phenol	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-3-7	1/22/1997	Pyrene	400	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-3-7	1/22/1997	Selenium	1.2	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-3-7	1/22/1997	Silver	1.2	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-3-7	1/22/1997	Styrene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-3-7	1/22/1997	Tetrachloroethene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-3-7	1/22/1997	Toluene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-3-7	1/22/1997	trans-1,2-Dichloroethene	3	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-03-7	1/22/1997	trans-1,3-Dichloropropene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-3-7	1/22/1997	Trichloroethene	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-03-7	1/22/1997	Triethylene Glycol	30000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-3-7	1/22/1997	Vinyl Chloride	12	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-3-7	1/22/1997	Xylenes	6.1	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-04-7	1/22/1997	1,1,1-Trichloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-04-7	1/22/1997	1,1,2,2-Tetrachloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-04-7	1/22/1997	1,1,2-Trichloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-04-7	1/22/1997	1,1-Dichloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-04-7	1/22/1997	1,1-Dichloroethene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-04-7	1/22/1997	1,2,4-Trichlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-04-7	1/22/1997	1,2-Dichlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-04-7	1/22/1997	1,2-Dichloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-04-7	1/22/1997	1,2-Dichloropropane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-04-7	1/22/1997	1,3-Dichlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-04-7	1/22/1997	1,4-Dichlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-04-7	1/22/1997	2,4,5-Trichlorophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-7	1/22/1997	2,4,6-Trichlorophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-04-7	1/22/1997	2,4-Dichlorophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-04-7	1/22/1997	2,4-Dimethylphenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-04-7	1/22/1997	2,4-Dinitrophenol	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-04-7	1/22/1997	2,4-Dinitrotoluene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-04-7	1/22/1997	2,6-Dinitrotoluene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-04-7	1/22/1997	2-Chloronaphthalene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-04-7	1/22/1997	2-Chlorophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-04-7	1/22/1997	2-Hexanone	26	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-04-7	1/22/1997	2-Methylnaphthalene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-04-7	1/22/1997	2-Methylphenol (O-Cresol)	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-7	1/22/1997	2-Nitroaniline	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-04-7	1/22/1997	2-Nitrophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-04-7	1/22/1997	3,3'-Dichlorobenzidine	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-04-7	1/22/1997	3-Nitroaniline	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-04-7	1/22/1997	4,6-Dinitro-2-Methylphenol	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-04-7	1/22/1997	4-Bromophenyl Phenyl Ether	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-04-7	1/22/1997	4-Chloro-3-Methylphenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-7	1/22/1997	4-Chloroaniline	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-04-7	1/22/1997	4-Chlorophenyl Phenyl Ether	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-04-7	1/22/1997	4-Methylphenol (P-Cresol)	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-7	1/22/1997	4-Nitroaniline	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-04-7	1/22/1997	4-Nitrophenol	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-04-7	1/22/1997	Acenaphthene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-04-7	1/22/1997	Acenaphthylene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-04-7	1/22/1997	Acetaldehyde	6600	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-04-7	1/22/1997	Acetone	29	UG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-04-7	1/22/1997	Anthracene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-04-7	1/22/1997	Antimony	2.6	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-04-7	1/22/1997	Arsenic	5.3	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-04-7	1/22/1997	Barium	152	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-04-7	1/22/1997	Benzene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-04-7	1/22/1997	Benzo(A)Anthracene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-7	1/22/1997	Benzo(B)Fluoranthene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-7	1/22/1997	Benzo(G,H,I)Perylene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-04-7	1/22/1997	Benzo(K)Fluoranthene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-04-7	1/22/1997	Benzo[A]Pyrene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-04-7	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-04-7	1/22/1997	Bis(2-Chloroethoxy)Methane	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-04-7	1/22/1997	Bis(2-Chloroethyl)Ether	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-04-7	1/22/1997	Bis(2-Ethylhexyl)Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-04-7	1/22/1997	Bromodichloromethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-04-7	1/22/1997	Bromoform	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-04-7	1/22/1997	Butyl Benzyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-04-7	1/22/1997	Cadmium	1.1	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-04-7	1/22/1997	Carbazole	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-04-7	1/22/1997	Carbon Disulfide	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-04-7	1/22/1997	Carbon Tetrachloride	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-04-7	1/22/1997	Chlorobenzene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-04-7	1/22/1997	Chlorodibromomethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-04-7	1/22/1997	Chloroform	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-04-7	1/22/1997	Chromium	20.1	MG/KG				Y	5-7 Feet	FS	Other Solid	Site Background	42.7
09-04-7	1/22/1997	Chrysene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-04-7	1/22/1997	cis-1,2 Dichloroethene	3.3	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-04-7	1/22/1997	cis-1,3-Dichloropropene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-04-7	1/22/1997	Dibenz(A,H)Anthracene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-04-7	1/22/1997	Dibenzofuran	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-04-7	1/22/1997	Diethyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-04-7	1/22/1997	Diethylene Glycol	33000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-04-7	1/22/1997	Dimethyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-04-7	1/22/1997	Di-N-Butyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-04-7	1/22/1997	Ethyl Chloride	13	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-04-7	1/22/1997	Ethylbenzene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-04-7	1/22/1997	Ethylene Glycol	33000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-04-7	1/22/1997	Fluoranthene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-04-7	1/22/1997	Fluorene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-04-7	1/22/1997	Hexachlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-04-7	1/22/1997	Hexachlorobutadiene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-04-7	1/22/1997	Hexachlorocyclopentadiene	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-04-7	1/22/1997	Hexachloroethane	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-04-7	1/22/1997	Indeno (1,2,3-CD) Pyrene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-04-7	1/22/1997	Isophorone	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-04-7	1/22/1997	Lead	11.5	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-04-7	1/22/1997	Manganese	7.9	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-04-7	1/22/1997	Mercury	0.13	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-04-7	1/22/1997	Methyl Bromide	13	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-04-7	1/22/1997	Methyl Chloride	13	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-04-7	1/22/1997	Methyl Ethyl Ketone	26	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-04-7	1/22/1997	Methyl Isobutyl Ketone	26	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-04-7	1/22/1997	Methylene Chloride	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-04-7	1/22/1997	Naphthalene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-04-7	1/22/1997	N-Dioctyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-04-7	1/22/1997	Nitrobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-04-7	1/22/1997	N-Nitrosodi-N-Propylamine	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-04-7	1/22/1997	N-Nitrosodiphenylamine	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-04-7	1/22/1997	Pentachlorophenol	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-04-7	1/22/1997	Phenanthrene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-04-7	1/22/1997	Phenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-04-7	1/22/1997	Pyrene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-04-7	1/22/1997	Selenium	2.6	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-04-7	1/22/1997	Silver	2.6	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-04-7	1/22/1997	Styrene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-04-7	1/22/1997	Tetrachloroethene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-04-7	1/22/1997	Toluene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-04-7	1/22/1997	trans-1,2-Dichloroethene	3.3	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-04-7	1/22/1997	trans-1,3-Dichloropropene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-04-7	1/22/1997	Trichloroethene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-04-7	1/22/1997	Triethylene Glycol	33000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-04-7	1/22/1997	Vinyl Chloride	13	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-04-7	1/22/1997	Xylenes	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-10	1/21/1997	1,1,1-Trichloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-01-10	1/21/1997	1,1,2,2-Tetrachloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-01-10	1/21/1997	1,1,2-Trichloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-10	1/21/1997	1,1-Dichloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-01-10	1/21/1997	1,1-Dichloroethene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-01-10	1/21/1997	1,2,4-Trichlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-01-10	1/21/1997	1,2-Dichlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-01-10	1/21/1997	1,2-Dichloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-10	1/21/1997	1,2-Dichloropropane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-01-10	1/21/1997	1,3-Dichlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-10	1/21/1997	1,4-Dichlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-01-10	1/21/1997	2,4,5-Trichlorophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-10	1/21/1997	2,4,6-Trichlorophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-10	1/21/1997	2,4-Dichlorophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-10	1/21/1997	2,4-Dimethylphenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-01-10	1/21/1997	2,4-Dinitrophenol	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-01-10	1/21/1997	2,4-Dinitrotoluene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-01-10	1/21/1997	2,6-Dinitrotoluene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-01-10	1/21/1997	2-Chloronaphthalene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-01-10	1/21/1997	2-Chlorophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-01-10	1/21/1997	2-Hexanone	25	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-10	1/21/1997	2-Methylnaphthalene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-01-10	1/21/1997	2-Methylphenol (O-Cresol)	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-10	1/21/1997	2-Nitroaniline	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-10	1/21/1997	2-Nitrophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-01-10	1/21/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-01-10	1/21/1997	3-Nitroaniline	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-10	1/21/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-01-10	1/21/1997	4-Bromophenyl Phenyl Ether	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-01-10	1/21/1997	4-Chloro-3-Methylphenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-10	1/21/1997	4-Chloroaniline	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-01-10	1/21/1997	4-Chlorophenyl Phenyl Ether	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-10	1/21/1997	4-Methylphenol (P-Cresol)	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-10	1/21/1997	4-Nitroaniline	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-01-10	1/21/1997	4-Nitrophenol	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-10	1/21/1997	Acenaphthene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-01-10	1/21/1997	Acenaphthylene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-01-10	1/21/1997	Acetaldehyde	6400	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-01-10	1/21/1997	Acetone	25	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-10	1/21/1997	Anthracene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-10	1/21/1997	Antimony	2.5	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-01-10	1/21/1997	Arsenic	2.5	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-01-10	1/21/1997	Barium	102	MG/KG				Y	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-01-10	1/21/1997	Benzene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-01-10	1/21/1997	Benzo(A)Anthracene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-10	1/21/1997	Benzo(B)Fluoranthene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-10	1/21/1997	Benzo(G,H,I)Perylene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-01-10	1/21/1997	Benzo(K)Fluoranthene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-01-10	1/21/1997	Benzo[A]Pyrene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-10	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-10	1/21/1997	Bis(2-Chloroethoxy)Methane	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-01-10	1/21/1997	Bis(2-Chloroethyl)Ether	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-01-10	1/21/1997	Bis(2-Ethylhexyl)Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-01-10	1/21/1997	Bromodichloromethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-01-10	1/21/1997	Bromoform	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-01-10	1/21/1997	Butyl Benzyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-01-10	1/21/1997	Cadmium	0.51	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-01-10	1/21/1997	Carbazole	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-01-10	1/21/1997	Carbon Disulfide	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-10	1/21/1997	Carbon Tetrachloride	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-01-10	1/21/1997	Chlorobenzene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-01-10	1/21/1997	Chlorodibromomethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-01-10	1/21/1997	Chloroform	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-01-10	1/21/1997	Chromium	13.4	MG/KG				Y	8-10 Feet	FS	Other Solid	Site Background	42.7
09-01-10	1/21/1997	Chrysene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-01-10	1/21/1997	cis-1,2 Dichloroethene	3.2	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-01-10	1/21/1997	cis-1,3-Dichloropropene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-10	1/21/1997	Dibenz(A,H)Anthracene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-01-10	1/21/1997	Dibenzofuran	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-01-10	1/21/1997	Diethyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-01-10	1/21/1997	Diethylene Glycol	32000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-10	1/21/1997	Dimethyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-01-10	1/21/1997	Di-N-Butyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-01-10	1/21/1997	Ethyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-01-10	1/21/1997	Ethylbenzene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-01-10	1/21/1997	Ethylene Glycol	32000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-01-10	1/21/1997	Fluoranthene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-10	1/21/1997	Fluorene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-01-10	1/21/1997	Hexachlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-01-10	1/21/1997	Hexachlorobutadiene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-01-10	1/21/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-01-10	1/21/1997	Hexachloroethane	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-01-10	1/21/1997	Indeno (1,2,3-CD) Pyrene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-01-10	1/21/1997	Isophorone	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-01-10	1/21/1997	Lead	13.7	MG/KG				Y	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-01-10	1/21/1997	Manganese	3.8	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-01-10	1/21/1997	Mercury	0.13	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-01-10	1/21/1997	Methyl Bromide	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-01-10	1/21/1997	Methyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-01-10	1/21/1997	Methyl Ethyl Ketone	25	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-01-10	1/21/1997	Methyl Isobutyl Ketone	25	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-01-10	1/21/1997	Methylene Chloride	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-01-10	1/21/1997	Naphthalene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-01-10	1/21/1997	N-Dioctyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-01-10	1/21/1997	Nitrobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-01-10	1/21/1997	N-Nitrosodi-N-Propylamine	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-01-10	1/21/1997	N-Nitrosodiphenylamine	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-01-10	1/21/1997	Pentachlorophenol	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-01-10	1/21/1997	Phenanthrene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-01-10	1/21/1997	Phenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-01-10	1/21/1997	Pyrene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-01-10	1/21/1997	Selenium	1.3	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-10	1/21/1997	Silver	1.3	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-01-10	1/21/1997	Styrene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-01-10	1/21/1997	Tetrachloroethene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-01-10	1/21/1997	Toluene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-01-10	1/21/1997	trans-1,2-Dichloroethene	3.2	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-01-10	1/21/1997	trans-1,3-Dichloropropene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-01-10	1/21/1997	Trichloroethene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-01-10	1/21/1997	Triethylene Glycol	32000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-01-10	1/21/1997	Vinyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-01-10	1/21/1997	Xylenes	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-02-10	1/21/1997	1,1,1-Trichloroethane	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-02-10	1/21/1997	1,1,2,2-Tetrachloroethane	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-02-10	1/21/1997	1,1,2-Trichloroethane	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-02-10	1/21/1997	1,1-Dichloroethane	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-02-10	1/21/1997	1,1-Dichloroethene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-02-10	1/21/1997	1,2,4-Trichlorobenzene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-02-10	1/21/1997	1,2-Dichlorobenzene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-02-10	1/21/1997	1,2-Dichloroethane	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-02-10	1/21/1997	1,2-Dichloropropane	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-02-10	1/21/1997	1,3-Dichlorobenzene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-02-10	1/21/1997	1,4-Dichlorobenzene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-02-10	1/21/1997	2,4,5-Trichlorophenol	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-10	1/21/1997	2,4,6-Trichlorophenol	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-02-10	1/21/1997	2,4-Dichlorophenol	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-02-10	1/21/1997	2,4-Dimethylphenol	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-02-10	1/21/1997	2,4-Dinitrophenol	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-02-10	1/21/1997	2,4-Dinitrotoluene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-02-10	1/21/1997	2,6-Dinitrotoluene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-02-10	1/21/1997	2-Chloronaphthalene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-02-10	1/21/1997	2-Chlorophenol	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-02-10	1/21/1997	2-Hexanone	26	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-02-10	1/21/1997	2-Methylnaphthalene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-02-10	1/21/1997	2-Methylphenol (O-Cresol)	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-10	1/21/1997	2-Nitroaniline	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-02-10	1/21/1997	2-Nitrophenol	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-02-10	1/21/1997	3,3'-Dichlorobenzidine	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-02-10	1/21/1997	3-Nitroaniline	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-02-10	1/21/1997	4,6-Dinitro-2-Methylphenol	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-02-10	1/21/1997	4-Bromophenyl Phenyl Ether	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-02-10	1/21/1997	4-Chloro-3-Methylphenol	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-10	1/21/1997	4-Chloroaniline	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-02-10	1/21/1997	4-Chlorophenyl Phenyl Ether	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-02-10	1/21/1997	4-Methylphenol (P-Cresol)	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-10	1/21/1997	4-Nitroaniline	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-02-10	1/21/1997	4-Nitrophenol	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-02-10	1/21/1997	Acenaphthene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-02-10	1/21/1997	Acenaphthylene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-02-10	1/21/1997	Acetaldehyde	6500	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-02-10	1/21/1997	Acetone	26	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-02-10	1/21/1997	Anthracene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-02-10	1/21/1997	Antimony	13.1	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-02-10	1/21/1997	Arsenic	2.6	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-02-10	1/21/1997	Barium	180	MG/KG				Y	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-02-10	1/21/1997	Benzene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-02-10	1/21/1997	Benzo(A)Anthracene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-10	1/21/1997	Benzo(B)Fluoranthene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-10	1/21/1997	Benzo(G,H,I)Perylene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-02-10	1/21/1997	Benzo(K)Fluoranthene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-02-10	1/21/1997	Benzo[A]Pyrene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-02-10	1/21/1997	Bis(2-Chloro-1-Methylethyl) Ether	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-02-10	1/21/1997	Bis(2-Chloroethoxy)Methane	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-02-10	1/21/1997	Bis(2-Chloroethyl)Ether	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-02-10	1/21/1997	Bis(2-Ethylhexyl)Phthalate	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-02-10	1/21/1997	Bromodichloromethane	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-02-10	1/21/1997	Bromoform	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-02-10	1/21/1997	Butyl Benzyl Phthalate	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-02-10	1/21/1997	Cadmium	0.52	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-02-10	1/21/1997	Carbazole	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-02-10	1/21/1997	Carbon Disulfide	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-02-10	1/21/1997	Carbon Tetrachloride	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-02-10	1/21/1997	Chlorobenzene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-02-10	1/21/1997	Chlorodibromomethane	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-02-10	1/21/1997	Chloroform	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-02-10	1/21/1997	Chromium	19.7	MG/KG				Y	8-10 Feet	FS	Other Solid	Site Background	42.7
09-02-10	1/21/1997	Chrysene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-02-10	1/21/1997	cis-1,2 Dichloroethene	3.3	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-02-10	1/21/1997	cis-1,3-Dichloropropene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-02-10	1/21/1997	Dibenz(A,H)Anthracene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-02-10	1/21/1997	Dibenzofuran	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-02-10	1/21/1997	Diethyl Phthalate	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-02-10	1/21/1997	Diethylene Glycol	33000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-02-10	1/21/1997	Dimethyl Phthalate	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-02-10	1/21/1997	Di-N-Butyl Phthalate	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-02-10	1/21/1997	Ethyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-02-10	1/21/1997	Ethylbenzene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-02-10	1/21/1997	Ethylene Glycol	33000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-02-10	1/21/1997	Fluoranthene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-02-10	1/21/1997	Fluorene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-02-10	1/21/1997	Hexachlorobenzene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-02-10	1/21/1997	Hexachlorobutadiene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-02-10	1/21/1997	Hexachlorocyclopentadiene	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-02-10	1/21/1997	Hexachloroethane	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-02-10	1/21/1997	Indeno (1,2,3-CD) Pyrene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-02-10	1/21/1997	Isophorone	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-02-10	1/21/1997	Lead	3	MG/KG				Y	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-02-10	1/21/1997	Manganese	3.9	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-02-10	1/21/1997	Mercury	0.13	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-02-10	1/21/1997	Methyl Bromide	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-02-10	1/21/1997	Methyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-02-10	1/21/1997	Methyl Ethyl Ketone	26	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-02-10	1/21/1997	Methyl Isobutyl Ketone	26	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-02-10	1/21/1997	Methylene Chloride	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-02-10	1/21/1997	Naphthalene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-02-10	1/21/1997	N-Dioctyl Phthalate	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-02-10	1/21/1997	Nitrobenzene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-02-10	1/21/1997	N-Nitrosodi-N-Propylamine	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-02-10	1/21/1997	N-Nitrosodiphenylamine	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-02-10	1/21/1997	Pentachlorophenol	2100	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-02-10	1/21/1997	Phenanthrene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-02-10	1/21/1997	Phenol	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-02-10	1/21/1997	Pyrene	430	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-02-10	1/21/1997	Selenium	1.3	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-02-10	1/21/1997	Silver	1.3	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-02-10	1/21/1997	Styrene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-02-10	1/21/1997	Tetrachloroethene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-02-10	1/21/1997	Toluene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-02-10	1/21/1997	trans-1,2-Dichloroethene	3.3	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-02-10	1/21/1997	trans-1,3-Dichloropropene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-02-10	1/21/1997	Trichloroethene	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-02-10	1/21/1997	Triethylene Glycol	33000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-02-10	1/21/1997	Vinyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-02-10	1/21/1997	Xylenes	6.5	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-03-10	1/22/1997	1,1,1-Trichloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
09-03-10	1/22/1997	1,1,2,2-Tetrachloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
09-03-10	1/22/1997	1,1,2-Trichloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-03-10	1/22/1997	1,1-Dichloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
09-03-10	1/22/1997	1,1-Dichloroethene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
09-03-10	1/22/1997	1,2,4-Trichlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
09-03-10	1/22/1997	1,2-Dichlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
09-03-10	1/22/1997	1,2-Dichloroethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-03-10	1/22/1997	1,2-Dichloropropane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
09-03-10	1/22/1997	1,3-Dichlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-03-10	1/22/1997	1,4-Dichlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
09-03-10	1/22/1997	2,4,5-Trichlorophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-10	1/22/1997	2,4,6-Trichlorophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-03-10	1/22/1997	2,4-Dichlorophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-03-10	1/22/1997	2,4-Dimethylphenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
09-03-10	1/22/1997	2,4-Dinitrophenol	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
09-03-10	1/22/1997	2,4-Dinitrotoluene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
09-03-10	1/22/1997	2,6-Dinitrotoluene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
09-03-10	1/22/1997	2-Chloronaphthalene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
09-03-10	1/22/1997	2-Chlorophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
09-03-10	1/22/1997	2-Hexanone	25	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-03-10	1/22/1997	2-Methylnaphthalene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
09-03-10	1/22/1997	2-Methylphenol (O-Cresol)	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-10	1/22/1997	2-Nitroaniline	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-03-10	1/22/1997	2-Nitrophenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
09-03-10	1/22/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
09-03-10	1/22/1997	3-Nitroaniline	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-03-10	1/22/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
09-03-10	1/22/1997	4-Bromophenyl Phenyl Ether	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
09-03-10	1/22/1997	4-Chloro-3-Methylphenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-10	1/22/1997	4-Chloroaniline	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
09-03-10	1/22/1997	4-Chlorophenyl Phenyl Ether	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-03-10	1/22/1997	4-Methylphenol (P-Cresol)	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-10	1/22/1997	4-Nitroaniline	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
09-03-10	1/22/1997	4-Nitrophenol	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-03-10	1/22/1997	Acenaphthene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
09-03-10	1/22/1997	Acenaphthylene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
09-03-10	1/22/1997	Acetaldehyde	6400	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
09-03-10	1/22/1997	Acetone	25	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-03-10	1/22/1997	Anthracene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-03-10	1/22/1997	Antimony	2.5	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
09-03-10	1/22/1997	Arsenic	5.1	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
09-03-10	1/22/1997	Barium	230	MG/KG				Y	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
09-03-10	1/22/1997	Benzene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
09-03-10	1/22/1997	Benzo(A)Anthracene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-10	1/22/1997	Benzo(B)Fluoranthene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-10	1/22/1997	Benzo(G,H,I)Perylene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
09-03-10	1/22/1997	Benzo(K)Fluoranthene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
09-03-10	1/22/1997	Benzo[A]Pyrene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-03-10	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-03-10	1/22/1997	Bis(2-Chloroethoxy)Methane	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
09-03-10	1/22/1997	Bis(2-Chloroethyl)Ether	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
09-03-10	1/22/1997	Bis(2-Ethylhexyl)Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
09-03-10	1/22/1997	Bromodichloromethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
09-03-10	1/22/1997	Bromoform	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
09-03-10	1/22/1997	Butyl Benzyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
09-03-10	1/22/1997	Cadmium	1	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
09-03-10	1/22/1997	Carbazole	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
09-03-10	1/22/1997	Carbon Disulfide	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-03-10	1/22/1997	Carbon Tetrachloride	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
09-03-10	1/22/1997	Chlorobenzene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
09-03-10	1/22/1997	Chlorodibromomethane	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
09-03-10	1/22/1997	Chloroform	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
09-03-10	1/22/1997	Chromium	19.1	MG/KG				Y	8-10 Feet	FS	Other Solid	Site Background	42.7
09-03-10	1/22/1997	Chrysene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
09-03-10	1/22/1997	cis-1,2 Dichloroethene	3.2	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
09-03-10	1/22/1997	cis-1,3-Dichloropropene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-03-10	1/22/1997	Dibenz(A,H)Anthracene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
09-03-10	1/22/1997	Dibenzofuran	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
09-03-10	1/22/1997	Diethyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
09-03-10	1/22/1997	Diethylene Glycol	32000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-03-10	1/22/1997	Dimethyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
09-03-10	1/22/1997	Di-N-Butyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
09-03-10	1/22/1997	Ethyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
09-03-10	1/22/1997	Ethylbenzene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
09-03-10	1/22/1997	Ethylene Glycol	32000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
09-03-10	1/22/1997	Fluoranthene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-03-10	1/22/1997	Fluorene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
09-03-10	1/22/1997	Hexachlorobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
09-03-10	1/22/1997	Hexachlorobutadiene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
09-03-10	1/22/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
09-03-10	1/22/1997	Hexachloroethane	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
09-03-10	1/22/1997	Indeno (1,2,3-CD) Pyrene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
09-03-10	1/22/1997	Isophorone	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
09-03-10	1/22/1997	Lead	6.8	MG/KG				Y	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
09-03-10	1/22/1997	Manganese	7.6	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
09-03-10	1/22/1997	Mercury	0.13	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
09-03-10	1/22/1997	Methyl Bromide	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
09-03-10	1/22/1997	Methyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
09-03-10	1/22/1997	Methyl Ethyl Ketone	25	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
09-03-10	1/22/1997	Methyl Isobutyl Ketone	25	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
09-03-10	1/22/1997	Methylene Chloride	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
09-03-10	1/22/1997	Naphthalene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
09-03-10	1/22/1997	N-Dioctyl Phthalate	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
09-03-10	1/22/1997	Nitrobenzene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
09-03-10	1/22/1997	N-Nitrosodi-N-Propylamine	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
09-03-10	1/22/1997	N-Nitrosodiphenylamine	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
09-03-10	1/22/1997	Pentachlorophenol	2000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
09-03-10	1/22/1997	Phenanthrene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
09-03-10	1/22/1997	Phenol	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
09-03-10	1/22/1997	Pyrene	420	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
09-03-10	1/22/1997	Selenium	2.5	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-03-10	1/22/1997	Silver	2.5	MG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
09-03-10	1/22/1997	Styrene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
09-03-10	1/22/1997	Tetrachloroethene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
09-03-10	1/22/1997	Toluene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
09-03-10	1/22/1997	trans-1,2-Dichloroethene	3.2	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
09-03-10	1/22/1997	trans-1,3-Dichloropropene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
09-03-10	1/22/1997	Trichloroethene	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
09-03-10	1/22/1997	Triethylene Glycol	32000	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
09-03-10	1/22/1997	Vinyl Chloride	13	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
09-03-10	1/22/1997	Xylenes	6.4	UG/KG				N	8-10 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-01-4	1/17/1997	1,1,1-Trichloroethane	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-01-4	1/17/1997	1,1,2,2-Tetrachloroethane	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-01-4	1/17/1997	1,1,2-Trichloroethane	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-01-4	1/17/1997	1,1-Dichloroethane	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-01-4	1/17/1997	1,1-Dichloroethene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-01-4	1/17/1997	1,2,4-Trichlorobenzene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-01-4	1/17/1997	1,2-Dichlorobenzene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-01-4	1/17/1997	1,2-Dichloroethane	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-01-4	1/17/1997	1,2-Dichloropropane	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-01-4	1/17/1997	1,3-Dichlorobenzene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-01-4	1/17/1997	1,4-Dichlorobenzene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-01-4	1/17/1997	2,4,5-Trichlorophenol	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-4	1/17/1997	2,4,6-Trichlorophenol	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-01-4	1/17/1997	2,4-Dichlorophenol	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-01-4	1/17/1997	2,4-Dimethylphenol	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-01-4	1/17/1997	2,4-Dinitrophenol	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-01-4	1/17/1997	2,4-Dinitrotoluene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-01-4	1/17/1997	2,6-Dinitrotoluene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-01-4	1/17/1997	2-Chloronaphthalene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-01-4	1/17/1997	2-Chlorophenol	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-01-4	1/17/1997	2-Hexanone	27	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-01-4	1/17/1997	2-Methylnaphthalene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-01-4	1/17/1997	2-Methylphenol (O-Cresol)	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-4	1/17/1997	2-Nitroaniline	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-01-4	1/17/1997	2-Nitrophenol	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-01-4	1/17/1997	3,3'-Dichlorobenzidine	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-01-4	1/17/1997	3-Nitroaniline	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-01-4	1/17/1997	4,6-Dinitro-2-Methylphenol	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-01-4	1/17/1997	4-Bromophenyl Phenyl Ether	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-01-4	1/17/1997	4-Chloro-3-Methylphenol	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-4	1/17/1997	4-Chloroaniline	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-01-4	1/17/1997	4-Chlorophenyl Phenyl Ether	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-01-4	1/17/1997	4-Methylphenol (P-Cresol)	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-4	1/17/1997	4-Nitroaniline	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-01-4	1/17/1997	4-Nitrophenol	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-01-4	1/17/1997	Acenaphthene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-01-4	1/17/1997	Acenaphthylene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-01-4	1/17/1997	Acetaldehyde	6600	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-01-4	1/17/1997	Acetone	27	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-01-4	1/17/1997	Anthracene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-01-4	1/17/1997	Antimony	2.7	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-01-4	1/17/1997	Arsenic	3.5	MG/KG			Y	Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-01-4	1/17/1997	Barium	54.9	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-01-4	1/17/1997	Benzene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-01-4	1/17/1997	Benzo(A)Anthracene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-01-4	1/17/1997	Benzo(B)Fluoranthene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-01-4	1/17/1997	Benzo(G,H,I)Perylene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-01-4	1/17/1997	Benzo(K)Fluoranthene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-01-4	1/17/1997	Benzo[A]Pyrene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-01-4	1/17/1997	Bis(2-Chloro-1-Methylethyl) Ether	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-01-4	1/17/1997	Bis(2-Chloroethoxy)Methane	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-01-4	1/17/1997	Bis(2-Chloroethyl)Ether	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-01-4	1/17/1997	Bis(2-Ethylhexyl)Phthalate	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-01-4	1/17/1997	Bromodichloromethane	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-01-4	1/17/1997	Bromoform	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-01-4	1/17/1997	Butyl Benzyl Phthalate	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-01-4	1/17/1997	Cadmium	0.53	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-01-4	1/17/1997	Carbazole	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-01-4	1/17/1997	Carbon Disulfide	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-01-4	1/17/1997	Carbon Tetrachloride	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-01-4	1/17/1997	Chlorobenzene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-01-4	1/17/1997	Chlorodibromomethane	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-01-4	1/17/1997	Chloroform	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-01-4	1/17/1997	Chromium	21.2	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
14-01-4	1/17/1997	Chrysene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-01-4	1/17/1997	cis-1,2 Dichloroethene	3.3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-01-4	1/17/1997	cis-1,3-Dichloropropene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-01-4	1/17/1997	Dibenz(A,H)Anthracene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-01-4	1/17/1997	Dibenzofuran	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-01-4	1/17/1997	Diethyl Phthalate	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-01-4	1/17/1997	Diethylene Glycol	33000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-01-4	1/17/1997	Dimethyl Phthalate	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-01-4	1/17/1997	Di-N-Butyl Phthalate	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-01-4	1/17/1997	Ethyl Chloride	13	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-01-4	1/17/1997	Ethylbenzene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-01-4	1/17/1997	Ethylene Glycol	33000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-01-4	1/17/1997	Fluoranthene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-01-4	1/17/1997	Fluorene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-01-4	1/17/1997	Hexachlorobenzene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-01-4	1/17/1997	Hexachlorobutadiene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-01-4	1/17/1997	Hexachlorocyclopentadiene	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-01-4	1/17/1997	Hexachloroethane	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-01-4	1/17/1997	Indeno (1,2,3-CD) Pyrene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-01-4	1/17/1997	Isophorone	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-01-4	1/17/1997	Lead	9.5	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-01-4	1/17/1997	Manganese	27.7	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-01-4	1/17/1997	Mercury	0.13	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-01-4	1/17/1997	Methyl Bromide	13	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-01-4	1/17/1997	Methyl Chloride	13	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-01-4	1/17/1997	Methyl Ethyl Ketone	27	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-01-4	1/17/1997	Methyl Isobutyl Ketone	27	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-01-4	1/17/1997	Methylene Chloride	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-01-4	1/17/1997	Naphthalene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-01-4	1/17/1997	N-Dioctyl Phthalate	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-01-4	1/17/1997	Nitrobenzene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-01-4	1/17/1997	N-Nitrosodi-N-Propylamine	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-01-4	1/17/1997	N-Nitrosodiphenylamine	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-01-4	1/17/1997	Pentachlorophenol	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-01-4	1/17/1997	Phenanthrene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-01-4	1/17/1997	Phenol	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-01-4	1/17/1997	Pyrene	440	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-01-4	1/17/1997	Selenium	1.3	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-01-4	1/17/1997	Silver	1.3	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-01-4	1/17/1997	Styrene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-01-4	1/17/1997	Tetrachloroethene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-01-4	1/17/1997	Toluene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-01-4	1/17/1997	trans-1,2-Dichloroethene	3.3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-01-4	1/17/1997	trans-1,3-Dichloropropene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-01-4	1/17/1997	Trichloroethene	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-01-4	1/17/1997	Triethylene Glycol	33000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-01-4	1/17/1997	Vinyl Chloride	13	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-01-4	1/17/1997	Xylenes	6.6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-02-4	1/18/1997	1,1,1-Trichloroethane	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-02-4	1/18/1997	1,1,1-Trichloroethane	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-02-4	1/18/1997	1,1,2,2-Tetrachloroethane	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-02-4	1/18/1997	1,1,2,2-Tetrachloroethane	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-02-4	1/18/1997	1,1,2-Trichloroethane	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-02-4	1/18/1997	1,1,2-Trichloroethane	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-02-4	1/18/1997	1,1-Dichloroethane	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-02-4	1/18/1997	1,1-Dichloroethane	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-02-4	1/18/1997	1,1-Dichloroethene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-02-4	1/18/1997	1,1-Dichloroethene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-02-4	1/18/1997	1,2,4-Trichlorobenzene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-02-4	1/18/1997	1,2,4-Trichlorobenzene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-02-4	1/18/1997	1,2-Dichlorobenzene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-02-4	1/18/1997	1,2-Dichlorobenzene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-02-4	1/18/1997	1,2-Dichloroethane	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-02-4	1/18/1997	1,2-Dichloroethane	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-02-4	1/18/1997	1,2-Dichloropropane	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-02-4	1/18/1997	1,2-Dichloropropane	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-02-4	1/18/1997	1,3-Dichlorobenzene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-02-4	1/18/1997	1,3-Dichlorobenzene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-02-4	1/18/1997	1,4-Dichlorobenzene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-02-4	1/18/1997	1,4-Dichlorobenzene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-02-4	1/18/1997	2,4,5-Trichlorophenol	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	2,4,5-Trichlorophenol	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	2,4,6-Trichlorophenol	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-02-4	1/18/1997	2,4,6-Trichlorophenol	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-02-4	1/18/1997	2,4-Dichlorophenol	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-02-4	1/18/1997	2,4-Dichlorophenol	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-02-4	1/18/1997	2,4-Dimethylphenol	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-02-4	1/18/1997	2,4-Dimethylphenol	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-02-4	1/18/1997	2,4-Dinitrophenol	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-02-4	1/18/1997	2,4-Dinitrophenol	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-02-4	1/18/1997	2,4-Dinitrotoluene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-02-4	1/18/1997	2,4-Dinitrotoluene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-02-4	1/18/1997	2,6-Dinitrotoluene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-02-4	1/18/1997	2,6-Dinitrotoluene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-02-4	1/18/1997	2-Chloronaphthalene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-02-4	1/18/1997	2-Chloronaphthalene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-02-4	1/18/1997	2-Chlorophenol	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-02-4	1/18/1997	2-Chlorophenol	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-02-4	1/18/1997	2-Hexanone	25	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-02-4	1/18/1997	2-Hexanone	26	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-02-4	1/18/1997	2-Methylnaphthalene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-02-4	1/18/1997	2-Methylnaphthalene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-02-4	1/18/1997	2-Methylphenol (O-Cresol)	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	2-Methylphenol (O-Cresol)	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	2-Nitroaniline	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-02-4	1/18/1997	2-Nitroaniline	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-02-4	1/18/1997	2-Nitrophenol	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-02-4	1/18/1997	2-Nitrophenol	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-02-4	1/18/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-02-4	1/18/1997	3,3'-Dichlorobenzidine	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-02-4	1/18/1997	3-Nitroaniline	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-02-4	1/18/1997	3-Nitroaniline	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-02-4	1/18/1997	4,6-Dinitro-2-Methylphenol	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-02-4	1/18/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-02-4	1/18/1997	4-Bromophenyl Phenyl Ether	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-02-4	1/18/1997	4-Bromophenyl Phenyl Ether	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-02-4	1/18/1997	4-Chloro-3-Methylphenol	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	4-Chloro-3-Methylphenol	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	4-Chloroaniline	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-02-4	1/18/1997	4-Chloroaniline	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-02-4	1/18/1997	4-Chlorophenyl Phenyl Ether	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-02-4	1/18/1997	4-Chlorophenyl Phenyl Ether	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-02-4	1/18/1997	4-Methylphenol (P-Cresol)	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	4-Methylphenol (P-Cresol)	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	4-Nitroaniline	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-02-4	1/18/1997	4-Nitroaniline	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-02-4	1/18/1997	4-Nitrophenol	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-02-4	1/18/1997	4-Nitrophenol	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-02-4	1/18/1997	Acenaphthene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-02-4	1/18/1997	Acenaphthene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-02-4	1/18/1997	Acenaphthylene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-02-4	1/18/1997	Acenaphthylene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-02-4	1/18/1997	Acetaldehyde	6500	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-02-4	1/18/1997	Acetaldehyde	6300	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-02-4	1/18/1997	Acetone	25	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-02-4	1/18/1997	Acetone	26	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-02-4	1/18/1997	Anthracene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-02-4	1/18/1997	Anthracene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-02-4	1/18/1997	Antimony	2.5	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-02-4	1/18/1997	Antimony	2.6	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-02-4	1/18/1997	Arsenic	2.5	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-02-4	1/18/1997	Arsenic	2.6	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-02-4	1/18/1997	Barium	34	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-02-4	1/18/1997	Barium	37.9	MG/KG				Y	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-02-4	1/18/1997	Benzene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-02-4	1/18/1997	Benzene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-02-4	1/18/1997	Benzo(A)Anthracene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-4	1/18/1997	Benzo(A)Anthracene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-4	1/18/1997	Benzo(B)Fluoranthene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-4	1/18/1997	Benzo(B)Fluoranthene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-4	1/18/1997	Benzo(G,H,I)Perylene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-02-4	1/18/1997	Benzo(G,H,I)Perylene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-02-4	1/18/1997	Benzo(K)Fluoranthene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-02-4	1/18/1997	Benzo(K)Fluoranthene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-02-4	1/18/1997	Benzo[A]Pyrene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-02-4	1/18/1997	Benzo[A]Pyrene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-02-4	1/18/1997	Bis(2-Chloro-1-Methylethyl) Ether	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-02-4	1/18/1997	Bis(2-Chloro-1-Methylethyl) Ether	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-02-4	1/18/1997	Bis(2-Chloroethoxy)Methane	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-02-4	1/18/1997	Bis(2-Chloroethoxy)Methane	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-02-4	1/18/1997	Bis(2-Chloroethyl)Ether	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-02-4	1/18/1997	Bis(2-Chloroethyl)Ether	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-02-4	1/18/1997	Bis(2-Ethylhexyl)Phthalate	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-02-4	1/18/1997	Bis(2-Ethylhexyl)Phthalate	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-02-4	1/18/1997	Bromodichloromethane	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-02-4	1/18/1997	Bromodichloromethane	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-02-4	1/18/1997	Bromoform	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-02-4	1/18/1997	Bromoform	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-02-4	1/18/1997	Butyl Benzyl Phthalate	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
14-02-4	1/18/1997	Butyl Benzyl Phthalate	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-02-4	1/18/1997	Cadmium	0.51	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-02-4	1/18/1997	Cadmium	0.52	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-02-4	1/18/1997	Carbazole	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-02-4	1/18/1997	Carbazole	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-02-4	1/18/1997	Carbon Disulfide	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-02-4	1/18/1997	Carbon Disulfide	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-02-4	1/18/1997	Carbon Tetrachloride	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-02-4	1/18/1997	Carbon Tetrachloride	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-02-4	1/18/1997	Chlorobenzene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-02-4	1/18/1997	Chlorobenzene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-02-4	1/18/1997	Chlorodibromomethane	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-02-4	1/18/1997	Chlorodibromomethane	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-02-4	1/18/1997	Chloroform	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-02-4	1/18/1997	Chloroform	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-02-4	1/18/1997	Chromium	11.3	MG/KG				Y	2-4 Feet	DUP	Other Solid	Site Background	42.7
14-02-4	1/18/1997	Chromium	9.7	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
14-02-4	1/18/1997	Chrysene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-02-4	1/18/1997	Chrysene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-02-4	1/18/1997	cis-1,2 Dichloroethene	3.2	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-02-4	1/18/1997	cis-1,2 Dichloroethene	3.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-02-4	1/18/1997	cis-1,3-Dichloropropene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-02-4	1/18/1997	cis-1,3-Dichloropropene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-02-4	1/18/1997	Dibenz(A,H)Anthracene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-02-4	1/18/1997	Dibenz(A,H)Anthracene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-02-4	1/18/1997	Dibenzofuran	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-02-4	1/18/1997	Dibenzofuran	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-02-4	1/18/1997	Diethyl Phthalate	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-02-4	1/18/1997	Diethyl Phthalate	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-02-4	1/18/1997	Diethylene Glycol	32000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-02-4	1/18/1997	Diethylene Glycol	32000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-02-4	1/18/1997	Dimethyl Phthalate	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-02-4	1/18/1997	Dimethyl Phthalate	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-02-4	1/18/1997	Di-N-Butyl Phthalate	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	Di-N-Butyl Phthalate	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-4	1/18/1997	Ethyl Chloride	13	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-02-4	1/18/1997	Ethyl Chloride	13	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-02-4	1/18/1997	Ethylbenzene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-02-4	1/18/1997	Ethylbenzene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-02-4	1/18/1997	Ethylene Glycol	32000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-02-4	1/18/1997	Ethylene Glycol	32000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-02-4	1/18/1997	Fluoranthene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-02-4	1/18/1997	Fluoranthene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-02-4	1/18/1997	Fluorene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-02-4	1/18/1997	Fluorene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-02-4	1/18/1997	Hexachlorobenzene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-02-4	1/18/1997	Hexachlorobenzene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-02-4	1/18/1997	Hexachlorobutadiene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-02-4	1/18/1997	Hexachlorobutadiene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-02-4	1/18/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-02-4	1/18/1997	Hexachlorocyclopentadiene	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-02-4	1/18/1997	Hexachloroethane	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-02-4	1/18/1997	Hexachloroethane	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-02-4	1/18/1997	Indeno (1,2,3-CD) Pyrene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-4	1/18/1997	Indeno (1,2,3-CD) Pyrene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-4	1/18/1997	Isophorone	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-02-4	1/18/1997	Isophorone	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-02-4	1/18/1997	Lead	5.9	MG/KG				Y	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-02-4	1/18/1997	Lead	5.2	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-02-4	1/18/1997	Manganese	4.9	MG/KG				Y	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-02-4	1/18/1997	Manganese	3.9	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-02-4	1/18/1997	Mercury	0.13	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-02-4	1/18/1997	Mercury	0.13	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-02-4	1/18/1997	Methyl Bromide	13	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-02-4	1/18/1997	Methyl Bromide	13	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-02-4	1/18/1997	Methyl Chloride	13	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-02-4	1/18/1997	Methyl Chloride	13	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-02-4	1/18/1997	Methyl Ethyl Ketone	25	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-02-4	1/18/1997	Methyl Ethyl Ketone	26	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-02-4	1/18/1997	Methyl Isobutyl Ketone	26	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-02-4	1/18/1997	Methyl Isobutyl Ketone	25	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-02-4	1/18/1997	Methylene Chloride	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-02-4	1/18/1997	Methylene Chloride	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-02-4	1/18/1997	Naphthalene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-02-4	1/18/1997	Naphthalene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-02-4	1/18/1997	N-Dioctyl Phthalate	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-02-4	1/18/1997	N-Dioctyl Phthalate	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-02-4	1/18/1997	Nitrobenzene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-02-4	1/18/1997	Nitrobenzene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-02-4	1/18/1997	N-Nitrosodi-N-Propylamine	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-02-4	1/18/1997	N-Nitrosodi-N-Propylamine	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-02-4	1/18/1997	N-Nitrosodiphenylamine	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-02-4	1/18/1997	N-Nitrosodiphenylamine	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-02-4	1/18/1997	Pentachlorophenol	2100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-02-4	1/18/1997	Pentachlorophenol	2000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-02-4	1/18/1997	Phenanthrene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-02-4	1/18/1997	Phenanthrene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-02-4	1/18/1997	Phenol	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-02-4	1/18/1997	Phenol	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-02-4	1/18/1997	Pyrene	420	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-02-4	1/18/1997	Pyrene	430	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-02-4	1/18/1997	Selenium	1.3	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-02-4	1/18/1997	Selenium	1.3	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-02-4	1/18/1997	Silver	1.3	MG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-02-4	1/18/1997	Silver	1.3	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-02-4	1/18/1997	Styrene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-02-4	1/18/1997	Styrene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-02-4	1/18/1997	Tetrachloroethene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-02-4	1/18/1997	Tetrachloroethene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-02-4	1/18/1997	Toluene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-02-4	1/18/1997	Toluene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-02-4	1/18/1997	trans-1,2-Dichloroethene	3.2	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-02-4	1/18/1997	trans-1,2-Dichloroethene	3.2	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-02-4	1/18/1997	trans-1,3-Dichloropropene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-02-4	1/18/1997	trans-1,3-Dichloropropene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-02-4	1/18/1997	Trichloroethene	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-02-4	1/18/1997	Trichloroethene	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-02-4	1/18/1997	Triethylene Glycol	32000	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-02-4	1/18/1997	Triethylene Glycol	32000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-02-4	1/18/1997	Vinyl Chloride	13	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-02-4	1/18/1997	Vinyl Chloride	13	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-02-4	1/18/1997	Xylenes	6.5	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
14-02-4	1/18/1997	Xylenes	6.3	UG/KG				N	2-4 Feet	DUP	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-02-7	1/18/1997	1,1,1-Trichloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-02-7	1/18/1997	1,1,2,2-Tetrachloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-02-7	1/18/1997	1,1,2-Trichloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-02-7	1/18/1997	1,1-Dichloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-02-7	1/18/1997	1,1-Dichloroethene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-02-7	1/18/1997	1,2,4-Trichlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-02-7	1/18/1997	1,2-Dichlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-02-7	1/18/1997	1,2-Dichloroethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-02-7	1/18/1997	1,2-Dichloropropane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-02-7	1/18/1997	1,3-Dichlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-02-7	1/18/1997	1,4-Dichlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-02-7	1/18/1997	2,4,5-Trichlorophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-7	1/18/1997	2,4,6-Trichlorophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-02-7	1/18/1997	2,4-Dichlorophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-02-7	1/18/1997	2,4-Dimethylphenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-02-7	1/18/1997	2,4-Dinitrophenol	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-02-7	1/18/1997	2,4-Dinitrotoluene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-02-7	1/18/1997	2,6-Dinitrotoluene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-02-7	1/18/1997	2-Chloronaphthalene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-02-7	1/18/1997	2-Chlorophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-02-7	1/18/1997	2-Hexanone	26	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-02-7	1/18/1997	2-Methylnaphthalene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-02-7	1/18/1997	2-Methylphenol (O-Cresol)	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-7	1/18/1997	2-Nitroaniline	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-02-7	1/18/1997	2-Nitrophenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-02-7	1/18/1997	3,3'-Dichlorobenzidine	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-02-7	1/18/1997	3-Nitroaniline	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-02-7	1/18/1997	4,6-Dinitro-2-Methylphenol	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-02-7	1/18/1997	4-Bromophenyl Phenyl Ether	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-02-7	1/18/1997	4-Chloro-3-Methylphenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-7	1/18/1997	4-Chloroaniline	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-02-7	1/18/1997	4-Chlorophenyl Phenyl Ether	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-02-7	1/18/1997	4-Methylphenol (P-Cresol)	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-7	1/18/1997	4-Nitroaniline	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-02-7	1/18/1997	4-Nitrophenol	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-02-7	1/18/1997	Acenaphthene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-02-7	1/18/1997	Acenaphthylene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-02-7	1/18/1997	Acetaldehyde	6600	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-02-7	1/18/1997	Acetone	26	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-02-7	1/18/1997	Anthracene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-02-7	1/18/1997	Antimony	2.6	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-02-7	1/18/1997	Arsenic	2.6	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-02-7	1/18/1997	Barium	44.5	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-02-7	1/18/1997	Benzene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-02-7	1/18/1997	Benzo(A)Anthracene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-7	1/18/1997	Benzo(B)Fluoranthene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-7	1/18/1997	Benzo(G,H,I)Perylene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-02-7	1/18/1997	Benzo(K)Fluoranthene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-02-7	1/18/1997	Benzo[A]Pyrene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-02-7	1/18/1997	Bis(2-Chloro-1-Methylethyl) Ether	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-02-7	1/18/1997	Bis(2-Chloroethoxy)Methane	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-02-7	1/18/1997	Bis(2-Chloroethyl)Ether	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-02-7	1/18/1997	Bis(2-Ethylhexyl)Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-02-7	1/18/1997	Bromodichloromethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-02-7	1/18/1997	Bromoform	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-02-7	1/18/1997	Butyl Benzyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-02-7	1/18/1997	Cadmium	0.53	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-02-7	1/18/1997	Carbazole	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-02-7	1/18/1997	Carbon Disulfide	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-02-7	1/18/1997	Carbon Tetrachloride	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-02-7	1/18/1997	Chlorobenzene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-02-7	1/18/1997	Chlorodibromomethane	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-02-7	1/18/1997	Chloroform	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-02-7	1/18/1997	Chromium	13.1	MG/KG				Y	5-7 Feet	FS	Other Solid	Site Background	42.7
14-02-7	1/18/1997	Chrysene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-02-7	1/18/1997	cis-1,2 Dichloroethene	3.3	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-02-7	1/18/1997	cis-1,3-Dichloropropene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-02-7	1/18/1997	Dibenz(A,H)Anthracene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-02-7	1/18/1997	Dibenzofuran	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-02-7	1/18/1997	Diethyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-02-7	1/18/1997	Diethylene Glycol	33000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-02-7	1/18/1997	Dimethyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-02-7	1/18/1997	Di-N-Butyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-02-7	1/18/1997	Ethyl Chloride	13	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-02-7	1/18/1997	Ethylbenzene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-02-7	1/18/1997	Ethylene Glycol	33000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-02-7	1/18/1997	Fluoranthene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-02-7	1/18/1997	Fluorene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-02-7	1/18/1997	Hexachlorobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-02-7	1/18/1997	Hexachlorobutadiene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-02-7	1/18/1997	Hexachlorocyclopentadiene	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-02-7	1/18/1997	Hexachloroethane	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-02-7	1/18/1997	Indeno (1,2,3-CD) Pyrene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-02-7	1/18/1997	Isophorone	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-02-7	1/18/1997	Lead	4.7	MG/KG				Y	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-02-7	1/18/1997	Manganese	4	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-02-7	1/18/1997	Mercury	0.13	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-02-7	1/18/1997	Methyl Bromide	13	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-02-7	1/18/1997	Methyl Chloride	13	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-02-7	1/18/1997	Methyl Ethyl Ketone	26	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-02-7	1/18/1997	Methyl Isobutyl Ketone	26	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-02-7	1/18/1997	Methylene Chloride	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-02-7	1/18/1997	Naphthalene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-02-7	1/18/1997	N-Dioctyl Phthalate	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-02-7	1/18/1997	Nitrobenzene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-02-7	1/18/1997	N-Nitrosodi-N-Propylamine	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-02-7	1/18/1997	N-Nitrosodiphenylamine	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-02-7	1/18/1997	Pentachlorophenol	2100	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-02-7	1/18/1997	Phenanthrene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-02-7	1/18/1997	Phenol	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-02-7	1/18/1997	Pyrene	440	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-02-7	1/18/1997	Selenium	1.3	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-02-7	1/18/1997	Silver	1.3	MG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-02-7	1/18/1997	Styrene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-02-7	1/18/1997	Tetrachloroethene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-02-7	1/18/1997	Toluene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-02-7	1/18/1997	trans-1,2-Dichloroethene	3.3	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-02-7	1/18/1997	trans-1,3-Dichloropropene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-02-7	1/18/1997	Trichloroethene	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-02-7	1/18/1997	Triethylene Glycol	33000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-02-7	1/18/1997	Vinyl Chloride	13	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-02-7	1/18/1997	Xylenes	6.6	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-03-4	1/18/1997	1,1,1-Trichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-03-4	1/18/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-03-4	1/18/1997	1,1,2-Trichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-03-4	1/18/1997	1,1-Dichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-03-4	1/18/1997	1,1-Dichloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-03-4	1/18/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-03-4	1/18/1997	1,2-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-03-4	1/18/1997	1,2-Dichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-03-4	1/18/1997	1,2-Dichloropropane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-03-4	1/18/1997	1,3-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-03-4	1/18/1997	1,4-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-03-4	1/18/1997	2,4,5-Trichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-4	1/18/1997	2,4,6-Trichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-03-4	1/18/1997	2,4-Dichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-03-4	1/18/1997	2,4-Dimethylphenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-03-4	1/18/1997	2,4-Dinitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-03-4	1/18/1997	2,4-Dinitrotoluene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-03-4	1/18/1997	2,6-Dinitrotoluene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-03-4	1/18/1997	2-Chloronaphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-03-4	1/18/1997	2-Chlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-03-4	1/18/1997	2-Hexanone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-03-4	1/18/1997	2-Methylnaphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-03-4	1/18/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-4	1/18/1997	2-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-03-4	1/18/1997	2-Nitrophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-03-4	1/18/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-03-4	1/18/1997	3-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-03-4	1/18/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-03-4	1/18/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-03-4	1/18/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-4	1/18/1997	4-Chloroaniline	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-03-4	1/18/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-03-4	1/18/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-4	1/18/1997	4-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-03-4	1/18/1997	4-Nitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-03-4	1/18/1997	Acenaphthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-03-4	1/18/1997	Acenaphthylene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-03-4	1/18/1997	Acetaldehyde	6000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-03-4	1/18/1997	Acetone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-03-4	1/18/1997	Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-03-4	1/18/1997	Antimony	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-03-4	1/18/1997	Arsenic	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-03-4	1/18/1997	Barium	24.5	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-03-4	1/18/1997	Benzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-03-4	1/18/1997	Benzo(A)Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-03-4	1/18/1997	Benzo(B)Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-03-4	1/18/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-03-4	1/18/1997	Benzo(K)Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-03-4	1/18/1997	Benzo[A]Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-03-4	1/18/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-03-4	1/18/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-03-4	1/18/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-03-4	1/18/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-03-4	1/18/1997	Bromodichloromethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-03-4	1/18/1997	Bromoform	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-03-4	1/18/1997	Butyl Benzyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-03-4	1/18/1997	Cadmium	0.48	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-03-4	1/18/1997	Carbazole	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-03-4	1/18/1997	Carbon Disulfide	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-03-4	1/18/1997	Carbon Tetrachloride	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-03-4	1/18/1997	Chlorobenzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-03-4	1/18/1997	Chlorodibromomethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-03-4	1/18/1997	Chloroform	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-03-4	1/18/1997	Chromium	6.5	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
14-03-4	1/18/1997	Chrysene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-03-4	1/18/1997	cis-1,2 Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-03-4	1/18/1997	cis-1,3-Dichloropropene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-03-4	1/18/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-03-4	1/18/1997	Dibenzofuran	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-03-4	1/18/1997	Diethyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-03-4	1/18/1997	Diethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-03-4	1/18/1997	Dimethyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-03-4	1/18/1997	Di-N-Butyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-03-4	1/18/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-03-4	1/18/1997	Ethylbenzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-03-4	1/18/1997	Ethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-03-4	1/18/1997	Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-03-4	1/18/1997	Fluorene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-03-4	1/18/1997	Hexachlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-03-4	1/18/1997	Hexachlorobutadiene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-03-4	1/18/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-03-4	1/18/1997	Hexachloroethane	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-03-4	1/18/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-03-4	1/18/1997	Isophorone	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-03-4	1/18/1997	Lead	4.7	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-03-4	1/18/1997	Manganese	3.6	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-03-4	1/18/1997	Mercury	0.12	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-03-4	1/18/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-03-4	1/18/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-03-4	1/18/1997	Methyl Ethyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-03-4	1/18/1997	Methyl Isobutyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-03-4	1/18/1997	Methylene Chloride	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-03-4	1/18/1997	Naphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-03-4	1/18/1997	N-Dioctyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-03-4	1/18/1997	Nitrobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-03-4	1/18/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-03-4	1/18/1997	N-Nitrosodiphenylamine	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-03-4	1/18/1997	Pentachlorophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-03-4	1/18/1997	Phenanthrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-03-4	1/18/1997	Phenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-03-4	1/18/1997	Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-03-4	1/18/1997	Selenium	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-03-4	1/18/1997	Silver	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-03-4	1/18/1997	Styrene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-03-4	1/18/1997	Tetrachloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-03-4	1/18/1997	Toluene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-03-4	1/18/1997	trans-1,2-Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-03-4	1/18/1997	trans-1,3-Dichloropropene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-03-4	1/18/1997	Trichloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-03-4	1/18/1997	Triethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-03-4	1/18/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-03-4	1/18/1997	Xylenes	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-04-4	1/16/1997	1,1,1-Trichloroethane	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-04-4	1/16/1997	1,1,2,2-Tetrachloroethane	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-04-4	1/16/1997	1,1,2-Trichloroethane	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-04-4	1/16/1997	1,1-Dichloroethane	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-04-4	1/16/1997	1,1-Dichloroethene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-04-4	1/16/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-04-4	1/16/1997	1,2-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-04-4	1/16/1997	1,2-Dichloroethane	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-04-4	1/16/1997	1,2-Dichloropropane	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-04-4	1/16/1997	1,3-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-04-4	1/16/1997	1,4-Dichlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-04-4	1/16/1997	2,4,5-Trichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-4	1/16/1997	2,4,6-Trichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-04-4	1/16/1997	2,4-Dichlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-04-4	1/16/1997	2,4-Dimethylphenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-04-4	1/16/1997	2,4-Dinitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-04-4	1/16/1997	2,4-Dinitrotoluene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-04-4	1/16/1997	2,6-Dinitrotoluene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-04-4	1/16/1997	2-Chloronaphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-04-4	1/16/1997	2-Chlorophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-04-4	1/16/1997	2-Hexanone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-04-4	1/16/1997	2-Methylnaphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-04-4	1/16/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-4	1/16/1997	2-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-04-4	1/16/1997	2-Nitrophenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-04-4	1/16/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-04-4	1/16/1997	3-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-04-4	1/16/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-04-4	1/16/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-04-4	1/16/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-4	1/16/1997	4-Chloroaniline	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-04-4	1/16/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-04-4	1/16/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-4	1/16/1997	4-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-04-4	1/16/1997	4-Nitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-04-4	1/16/1997	Acenaphthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-04-4	1/16/1997	Acenaphthylene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-04-4	1/16/1997	Acetaldehyde	5900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-04-4	1/16/1997	Acetone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-04-4	1/16/1997	Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-04-4	1/16/1997	Antimony	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-04-4	1/16/1997	Arsenic	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-04-4	1/16/1997	Barium	23.7	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-04-4	1/16/1997	Benzene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-04-4	1/16/1997	Benzo(A)Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-04-4	1/16/1997	Benzo(B)Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-04-4	1/16/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-04-4	1/16/1997	Benzo(K)Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-04-4	1/16/1997	Benzo[A]Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-04-4	1/16/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-04-4	1/16/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-04-4	1/16/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-04-4	1/16/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-04-4	1/16/1997	Bromodichloromethane	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-04-4	1/16/1997	Bromoform	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-04-4	1/16/1997	Butyl Benzyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

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Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-04-4	1/16/1997	Cadmium	0.47	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-04-4	1/16/1997	Carbazole	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-04-4	1/16/1997	Carbon Disulfide	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-04-4	1/16/1997	Carbon Tetrachloride	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-04-4	1/16/1997	Chlorobenzene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-04-4	1/16/1997	Chlorodibromomethane	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-04-4	1/16/1997	Chloroform	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-04-4	1/16/1997	Chromium	9.5	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
14-04-4	1/16/1997	Chrysene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-04-4	1/16/1997	cis-1,2 Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-04-4	1/16/1997	cis-1,3-Dichloropropene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-04-4	1/16/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-04-4	1/16/1997	Dibenzofuran	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-04-4	1/16/1997	Diethyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-04-4	1/16/1997	Diethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-04-4	1/16/1997	Dimethyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-04-4	1/16/1997	Di-N-Butyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-04-4	1/16/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-04-4	1/16/1997	Ethylbenzene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-04-4	1/16/1997	Ethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-04-4	1/16/1997	Fluoranthene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-04-4	1/16/1997	Fluorene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-04-4	1/16/1997	Hexachlorobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-04-4	1/16/1997	Hexachlorobutadiene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-04-4	1/16/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-04-4	1/16/1997	Hexachloroethane	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-04-4	1/16/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-04-4	1/16/1997	Isophorone	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-04-4	1/16/1997	Lead	5.4	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-04-4	1/16/1997	Manganese	3.7	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-04-4	1/16/1997	Mercury	0.12	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-04-4	1/16/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-04-4	1/16/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-04-4	1/16/1997	Methyl Ethyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-04-4	1/16/1997	Methyl Isobutyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-04-4	1/16/1997	Methylene Chloride	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-04-4	1/16/1997	Naphthalene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-04-4	1/16/1997	N-Dioctyl Phthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-04-4	1/16/1997	Nitrobenzene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-04-4	1/16/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-04-4	1/16/1997	N-Nitrosodiphenylamine	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-04-4	1/16/1997	Pentachlorophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-04-4	1/16/1997	Phenanthrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-04-4	1/16/1997	Phenol	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-04-4	1/16/1997	Pyrene	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-04-4	1/16/1997	Selenium	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-04-4	1/16/1997	Silver	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-04-4	1/16/1997	Styrene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-04-4	1/16/1997	Tetrachloroethene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-04-4	1/16/1997	Toluene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-04-4	1/16/1997	trans-1,2-Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-04-4	1/16/1997	trans-1,3-Dichloropropene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-04-4	1/16/1997	Trichloroethene	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-04-4	1/16/1997	Triethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-04-4	1/16/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-04-4	1/16/1997	Xylenes	5.9	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-05-4	1/16/1997	1,1,1-Trichloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-05-4	1/16/1997	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-05-4	1/16/1997	1,1,2-Trichloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-05-4	1/16/1997	1,1-Dichloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-05-4	1/16/1997	1,1-Dichloroethene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-05-4	1/16/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-05-4	1/16/1997	1,2-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-05-4	1/16/1997	1,2-Dichloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-05-4	1/16/1997	1,2-Dichloropropane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-05-4	1/16/1997	1,3-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-05-4	1/16/1997	1,4-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-05-4	1/16/1997	2,4,5-Trichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-4	1/16/1997	2,4,6-Trichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-05-4	1/16/1997	2,4-Dichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-05-4	1/16/1997	2,4-Dimethylphenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-05-4	1/16/1997	2,4-Dinitrophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-05-4	1/16/1997	2,4-Dinitrotoluene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-05-4	1/16/1997	2,6-Dinitrotoluene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-05-4	1/16/1997	2-Chloronaphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-05-4	1/16/1997	2-Chlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-05-4	1/16/1997	2-Hexanone	25	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-05-4	1/16/1997	2-Methylnaphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-05-4	1/16/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-4	1/16/1997	2-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-05-4	1/16/1997	2-Nitrophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-05-4	1/16/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-05-4	1/16/1997	3-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-05-4	1/16/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-05-4	1/16/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-05-4	1/16/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-4	1/16/1997	4-Chloroaniline	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-05-4	1/16/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-05-4	1/16/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-4	1/16/1997	4-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-05-4	1/16/1997	4-Nitrophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-05-4	1/16/1997	Acenaphthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-05-4	1/16/1997	Acenaphthylene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-05-4	1/16/1997	Acetaldehyde	6100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-05-4	1/16/1997	Acetone	25	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-05-4	1/16/1997	Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-05-4	1/16/1997	Antimony	2.5	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-05-4	1/16/1997	Arsenic	2.5	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-05-4	1/16/1997	Barium	24.5	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-05-4	1/16/1997	Benzene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-05-4	1/16/1997	Benzo(A)Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-05-4	1/16/1997	Benzo(B)Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-05-4	1/16/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-05-4	1/16/1997	Benzo(K)Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-05-4	1/16/1997	Benzo[A]Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-05-4	1/16/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-05-4	1/16/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-05-4	1/16/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-05-4	1/16/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-05-4	1/16/1997	Bromodichloromethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-05-4	1/16/1997	Bromoform	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-05-4	1/16/1997	Butyl Benzyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-05-4	1/16/1997	Cadmium	0.49	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-05-4	1/16/1997	Carbazole	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-05-4	1/16/1997	Carbon Disulfide	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-05-4	1/16/1997	Carbon Tetrachloride	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-05-4	1/16/1997	Chlorobenzene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-05-4	1/16/1997	Chlorodibromomethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-05-4	1/16/1997	Chloroform	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-05-4	1/16/1997	Chromium	5	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
14-05-4	1/16/1997	Chrysene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-05-4	1/16/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-05-4	1/16/1997	cis-1,3-Dichloropropene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-05-4	1/16/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-05-4	1/16/1997	Dibenzofuran	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-05-4	1/16/1997	Diethyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-05-4	1/16/1997	Diethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-05-4	1/16/1997	Dimethyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-05-4	1/16/1997	Di-N-Butyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-05-4	1/16/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-05-4	1/16/1997	Ethylbenzene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-05-4	1/16/1997	Ethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-05-4	1/16/1997	Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-05-4	1/16/1997	Fluorene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-05-4	1/16/1997	Hexachlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-05-4	1/16/1997	Hexachlorobutadiene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-05-4	1/16/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-05-4	1/16/1997	Hexachloroethane	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-05-4	1/16/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-05-4	1/16/1997	Isophorone	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-05-4	1/16/1997	Lead	3.4	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-05-4	1/16/1997	Manganese	3.7	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-05-4	1/16/1997	Mercury	0.12	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-05-4	1/16/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-05-4	1/16/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-05-4	1/16/1997	Methyl Ethyl Ketone	25	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-05-4	1/16/1997	Methyl Isobutyl Ketone	25	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-05-4	1/16/1997	Methylene Chloride	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-05-4	1/16/1997	Naphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-05-4	1/16/1997	N-Dioctyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-05-4	1/16/1997	Nitrobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-05-4	1/16/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-05-4	1/16/1997	N-Nitrosodiphenylamine	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-05-4	1/16/1997	Pentachlorophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-05-4	1/16/1997	Phenanthrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-05-4	1/16/1997	Phenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-05-4	1/16/1997	Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-05-4	1/16/1997	Selenium	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-05-4	1/16/1997	Silver	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-05-4	1/16/1997	Styrene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-05-4	1/16/1997	Tetrachloroethene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-05-4	1/16/1997	Toluene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-05-4	1/16/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-05-4	1/16/1997	trans-1,3-Dichloropropene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-05-4	1/16/1997	Trichloroethene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-05-4	1/16/1997	Triethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-05-4	1/16/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-05-4	1/16/1997	Xylenes	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-06-4	1/16/1997	1,1,1-Trichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-06-4	1/16/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-06-4	1/16/1997	1,1,2-Trichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-06-4	1/16/1997	1,1-Dichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-06-4	1/16/1997	1,1-Dichloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-06-4	1/16/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-06-4	1/16/1997	1,2-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-06-4	1/16/1997	1,2-Dichloroethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-06-4	1/16/1997	1,2-Dichloropropane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-06-4	1/16/1997	1,3-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-06-4	1/16/1997	1,4-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-06-4	1/16/1997	2,4,5-Trichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-4	1/16/1997	2,4,6-Trichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-06-4	1/16/1997	2,4-Dichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-06-4	1/16/1997	2,4-Dimethylphenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-06-4	1/16/1997	2,4-Dinitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-06-4	1/16/1997	2,4-Dinitrotoluene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-06-4	1/16/1997	2,6-Dinitrotoluene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-06-4	1/16/1997	2-Chloronaphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-06-4	1/16/1997	2-Chlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-06-4	1/16/1997	2-Hexanone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-06-4	1/16/1997	2-Methylnaphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-06-4	1/16/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-4	1/16/1997	2-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-06-4	1/16/1997	2-Nitrophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-06-4	1/16/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-06-4	1/16/1997	3-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-06-4	1/16/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-06-4	1/16/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-06-4	1/16/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-4	1/16/1997	4-Chloroaniline	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-06-4	1/16/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-06-4	1/16/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-4	1/16/1997	4-Nitroaniline	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-06-4	1/16/1997	4-Nitrophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-06-4	1/16/1997	Acenaphthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-06-4	1/16/1997	Acenaphthylene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-06-4	1/16/1997	Acetaldehyde	6000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-06-4	1/16/1997	Acetone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-06-4	1/16/1997	Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-06-4	1/16/1997	Antimony	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-06-4	1/16/1997	Arsenic	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-06-4	1/16/1997	Barium	24	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-06-4	1/16/1997	Benzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-06-4	1/16/1997	Benzo(A)Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-06-4	1/16/1997	Benzo(B)Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-06-4	1/16/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-06-4	1/16/1997	Benzo(K)Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-06-4	1/16/1997	Benzo[A]Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-06-4	1/16/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-06-4	1/16/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-06-4	1/16/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-06-4	1/16/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-06-4	1/16/1997	Bromodichloromethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-06-4	1/16/1997	Bromoform	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-06-4	1/16/1997	Butyl Benzyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-06-4	1/16/1997	Cadmium	0.48	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-06-4	1/16/1997	Carbazole	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-06-4	1/16/1997	Carbon Disulfide	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-06-4	1/16/1997	Carbon Tetrachloride	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-06-4	1/16/1997	Chlorobenzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-06-4	1/16/1997	Chlorodibromomethane	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-06-4	1/16/1997	Chloroform	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-06-4	1/16/1997	Chromium	9.3	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
14-06-4	1/16/1997	Chrysene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-06-4	1/16/1997	cis-1,2 Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-06-4	1/16/1997	cis-1,3-Dichloropropene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-06-4	1/16/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-06-4	1/16/1997	Dibenzofuran	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-06-4	1/16/1997	Diethyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-06-4	1/16/1997	Diethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-06-4	1/16/1997	Dimethyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-06-4	1/16/1997	Di-N-Butyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-06-4	1/16/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-06-4	1/16/1997	Ethylbenzene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-06-4	1/16/1997	Ethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-06-4	1/16/1997	Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-06-4	1/16/1997	Fluorene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-06-4	1/16/1997	Hexachlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-06-4	1/16/1997	Hexachlorobutadiene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-06-4	1/16/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-06-4	1/16/1997	Hexachloroethane	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-06-4	1/16/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-06-4	1/16/1997	Isophorone	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-06-4	1/16/1997	Lead	19.2	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-06-4	1/16/1997	Manganese	5.8	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-06-4	1/16/1997	Mercury	0.12	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-06-4	1/16/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-06-4	1/16/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-06-4	1/16/1997	Methyl Ethyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-06-4	1/16/1997	Methyl Isobutyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-06-4	1/16/1997	Methylene Chloride	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-06-4	1/16/1997	Naphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-06-4	1/16/1997	N-Dioctyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-06-4	1/16/1997	Nitrobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-06-4	1/16/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-06-4	1/16/1997	N-Nitrosodiphenylamine	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-06-4	1/16/1997	Pentachlorophenol	1900	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-06-4	1/16/1997	Phenanthrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-06-4	1/16/1997	Phenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-06-4	1/16/1997	Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-06-4	1/16/1997	Selenium	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-06-4	1/16/1997	Silver	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-06-4	1/16/1997	Styrene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-06-4	1/16/1997	Tetrachloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-06-4	1/16/1997	Toluene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-06-4	1/16/1997	trans-1,2-Dichloroethene	3	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-06-4	1/16/1997	trans-1,3-Dichloropropene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-06-4	1/16/1997	Trichloroethene	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-06-4	1/16/1997	Triethylene Glycol	30000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-06-4	1/16/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-06-4	1/16/1997	Xylenes	6	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-08-4	1/17/1997	1,1,1-Trichloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
14-08-4	1/17/1997	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
14-08-4	1/17/1997	1,1,2-Trichloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-08-4	1/17/1997	1,1-Dichloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
14-08-4	1/17/1997	1,1-Dichloroethene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
14-08-4	1/17/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
14-08-4	1/17/1997	1,2-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
14-08-4	1/17/1997	1,2-Dichloroethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-08-4	1/17/1997	1,2-Dichloropropane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
14-08-4	1/17/1997	1,3-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-08-4	1/17/1997	1,4-Dichlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
14-08-4	1/17/1997	2,4,5-Trichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-4	1/17/1997	2,4,6-Trichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-08-4	1/17/1997	2,4-Dichlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-08-4	1/17/1997	2,4-Dimethylphenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
14-08-4	1/17/1997	2,4-Dinitrophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
14-08-4	1/17/1997	2,4-Dinitrotoluene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
14-08-4	1/17/1997	2,6-Dinitrotoluene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
14-08-4	1/17/1997	2-Chloronaphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
14-08-4	1/17/1997	2-Chlorophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
14-08-4	1/17/1997	2-Hexanone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-08-4	1/17/1997	2-Methylnaphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
14-08-4	1/17/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-4	1/17/1997	2-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-08-4	1/17/1997	2-Nitrophenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
14-08-4	1/17/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
14-08-4	1/17/1997	3-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-08-4	1/17/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
14-08-4	1/17/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
14-08-4	1/17/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-4	1/17/1997	4-Chloroaniline	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
14-08-4	1/17/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-08-4	1/17/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-4	1/17/1997	4-Nitroaniline	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
14-08-4	1/17/1997	4-Nitrophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-08-4	1/17/1997	Acenaphthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
14-08-4	1/17/1997	Acenaphthylene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
14-08-4	1/17/1997	Acetaldehyde	6100	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
14-08-4	1/17/1997	Acetone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-08-4	1/17/1997	Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-08-4	1/17/1997	Antimony	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
14-08-4	1/17/1997	Arsenic	2.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
14-08-4	1/17/1997	Barium	24.4	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
14-08-4	1/17/1997	Benzene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
14-08-4	1/17/1997	Benzo(A)Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-08-4	1/17/1997	Benzo(B)Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-08-4	1/17/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
14-08-4	1/17/1997	Benzo(K)Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
14-08-4	1/17/1997	Benzo[A]Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-08-4	1/17/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-08-4	1/17/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
14-08-4	1/17/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
14-08-4	1/17/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
14-08-4	1/17/1997	Bromodichloromethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
14-08-4	1/17/1997	Bromoform	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
14-08-4	1/17/1997	Butyl Benzyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
14-08-4	1/17/1997	Cadmium	0.49	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
14-08-4	1/17/1997	Carbazole	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
14-08-4	1/17/1997	Carbon Disulfide	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-08-4	1/17/1997	Carbon Tetrachloride	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
14-08-4	1/17/1997	Chlorobenzene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
14-08-4	1/17/1997	Chlorodibromomethane	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
14-08-4	1/17/1997	Chloroform	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
14-08-4	1/17/1997	Chromium	5.7	MG/KG				Y	2-4 Feet	FS	Other Solid	Site Background	42.7
14-08-4	1/17/1997	Chrysene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
14-08-4	1/17/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
14-08-4	1/17/1997	cis-1,3-Dichloropropene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-08-4	1/17/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
14-08-4	1/17/1997	Dibenzofuran	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
14-08-4	1/17/1997	Diethyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
14-08-4	1/17/1997	Diethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-08-4	1/17/1997	Dimethyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
14-08-4	1/17/1997	Di-N-Butyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
14-08-4	1/17/1997	Ethyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
14-08-4	1/17/1997	Ethylbenzene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
14-08-4	1/17/1997	Ethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
14-08-4	1/17/1997	Fluoranthene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-08-4	1/17/1997	Fluorene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
14-08-4	1/17/1997	Hexachlorobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
14-08-4	1/17/1997	Hexachlorobutadiene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
14-08-4	1/17/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
14-08-4	1/17/1997	Hexachloroethane	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
14-08-4	1/17/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
14-08-4	1/17/1997	Isophorone	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
14-08-4	1/17/1997	Lead	8.4	MG/KG				Y	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
14-08-4	1/17/1997	Manganese	3.7	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
14-08-4	1/17/1997	Mercury	0.12	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
14-08-4	1/17/1997	Methyl Bromide	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
14-08-4	1/17/1997	Methyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
14-08-4	1/17/1997	Methyl Ethyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
14-08-4	1/17/1997	Methyl Isobutyl Ketone	24	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
14-08-4	1/17/1997	Methylene Chloride	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
14-08-4	1/17/1997	Naphthalene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
14-08-4	1/17/1997	N-Dioctyl Phthalate	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
14-08-4	1/17/1997	Nitrobenzene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
14-08-4	1/17/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
14-08-4	1/17/1997	N-Nitrosodiphenylamine	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
14-08-4	1/17/1997	Pentachlorophenol	2000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
14-08-4	1/17/1997	Phenanthrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
14-08-4	1/17/1997	Phenol	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
14-08-4	1/17/1997	Pyrene	400	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
14-08-4	1/17/1997	Selenium	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-08-4	1/17/1997	Silver	1.2	MG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
14-08-4	1/17/1997	Styrene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
14-08-4	1/17/1997	Tetrachloroethene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
14-08-4	1/17/1997	Toluene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
14-08-4	1/17/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
14-08-4	1/17/1997	trans-1,3-Dichloropropene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
14-08-4	1/17/1997	Trichloroethene	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
14-08-4	1/17/1997	Triethylene Glycol	31000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
14-08-4	1/17/1997	Vinyl Chloride	12	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
14-08-4	1/17/1997	Xylenes	6.1	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-01-5	1/22/1997	1,1,1-Trichloroethane	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-01-5	1/22/1997	1,1,2,2-Tetrachloroethane	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-01-5	1/22/1997	1,1,2-Trichloroethane	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-01-5	1/22/1997	1,1-Dichloroethane	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-01-5	1/22/1997	1,1-Dichloroethene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-01-5	1/22/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-01-5	1/22/1997	1,2-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-01-5	1/22/1997	1,2-Dichloroethane	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-01-5	1/22/1997	1,2-Dichloropropane	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-01-5	1/22/1997	1,3-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-01-5	1/22/1997	1,4-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-01-5	1/22/1997	2,4,5-Trichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-5	1/22/1997	2,4,6-Trichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-01-5	1/22/1997	2,4-Dichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-01-5	1/22/1997	2,4-Dimethylphenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-01-5	1/22/1997	2,4-Dinitrophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-01-5	1/22/1997	2,4-Dinitrotoluene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-01-5	1/22/1997	2,6-Dinitrotoluene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-01-5	1/22/1997	2-Chloronaphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-01-5	1/22/1997	2-Chlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-01-5	1/22/1997	2-Hexanone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-01-5	1/22/1997	2-Methylnaphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-01-5	1/22/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-5	1/22/1997	2-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-01-5	1/22/1997	2-Nitrophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-01-5	1/22/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-01-5	1/22/1997	3-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-01-5	1/22/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-01-5	1/22/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-01-5	1/22/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-5	1/22/1997	4-Chloroaniline	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-01-5	1/22/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-01-5	1/22/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-5	1/22/1997	4-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-01-5	1/22/1997	4-Nitrophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-01-5	1/22/1997	Acenaphthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-01-5	1/22/1997	Acenaphthylene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-01-5	1/22/1997	Acetaldehyde	5700	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-01-5	1/22/1997	Acetone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-01-5	1/22/1997	Anthracene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-01-5	1/22/1997	Antimony	2.3	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-01-5	1/22/1997	Arsenic	2.3	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-01-5	1/22/1997	Barium	22.8	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-01-5	1/22/1997	Benzene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-01-5	1/22/1997	Benzo(A)Anthracene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-01-5	1/22/1997	Benzo(B)Fluoranthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-01-5	1/22/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-01-5	1/22/1997	Benzo(K)Fluoranthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-01-5	1/22/1997	Benzo[A]Pyrene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-01-5	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-01-5	1/22/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-01-5	1/22/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-01-5	1/22/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-01-5	1/22/1997	Bromodichloromethane	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-01-5	1/22/1997	Bromoform	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-01-5	1/22/1997	Butyl Benzyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-01-5	1/22/1997	Cadmium	0.46	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-01-5	1/22/1997	Carbazole	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-01-5	1/22/1997	Carbon Disulfide	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-01-5	1/22/1997	Carbon Tetrachloride	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-01-5	1/22/1997	Chlorobenzene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-01-5	1/22/1997	Chlorodibromomethane	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-01-5	1/22/1997	Chloroform	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-01-5	1/22/1997	Chromium	4.3	MG/KG				Y	3-5 Feet	FS	Other Solid	Site Background	42.7
22-01-5	1/22/1997	Chrysene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-01-5	1/22/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-01-5	1/22/1997	cis-1,3-Dichloropropene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-01-5	1/22/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-01-5	1/22/1997	Dibenzofuran	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-01-5	1/22/1997	Diethyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-01-5	1/22/1997	Diethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-01-5	1/22/1997	Dimethyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-01-5	1/22/1997	Dimethyl Terephthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-01-5	1/22/1997	Di-N-Butyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-01-5	1/22/1997	Ethyl Chloride	11	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-01-5	1/22/1997	Ethylbenzene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-01-5	1/22/1997	Ethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-01-5	1/22/1997	Fluoranthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-01-5	1/22/1997	Fluorene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-01-5	1/22/1997	Hexachlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-01-5	1/22/1997	Hexachlorobutadiene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-01-5	1/22/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-01-5	1/22/1997	Hexachloroethane	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-01-5	1/22/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-01-5	1/22/1997	Isophorone	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-01-5	1/22/1997	Lead	2.8	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-01-5	1/22/1997	Manganese	26.6	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-01-5	1/22/1997	Mercury	0.11	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-01-5	1/22/1997	Methyl Bromide	11	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-01-5	1/22/1997	Methyl Chloride	11	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-01-5	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-01-5	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-01-5	1/22/1997	Methylene Chloride	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-01-5	1/22/1997	Naphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-01-5	1/22/1997	N-Dioctyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-01-5	1/22/1997	Nitrobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-01-5	1/22/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-01-5	1/22/1997	N-Nitrosodiphenylamine	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-01-5	1/22/1997	Pentachlorophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-01-5	1/22/1997	Phenanthrene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-01-5	1/22/1997	Phenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-01-5	1/22/1997	Pyrene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-01-5	1/22/1997	Selenium	1.1	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-01-5	1/22/1997	Silver	1.1	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-01-5	1/22/1997	Styrene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-01-5	1/22/1997	Tetrachloroethene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-01-5	1/22/1997	Toluene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-01-5	1/22/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-01-5	1/22/1997	trans-1,3-Dichloropropene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-01-5	1/22/1997	Trichloroethene	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-01-5	1/22/1997	Triethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-01-5	1/22/1997	Vinyl Chloride	11	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-01-5	1/22/1997	Xylenes	5.7	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-02-5	1/22/1997	1,1,1-Trichloroethane	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-02-5	1/22/1997	1,1,2,2-Tetrachloroethane	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-02-5	1/22/1997	1,1,2-Trichloroethane	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-02-5	1/22/1997	1,1-Dichloroethane	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-02-5	1/22/1997	1,1-Dichloroethene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-02-5	1/22/1997	1,2,4-Trichlorobenzene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-02-5	1/22/1997	1,2-Dichlorobenzene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-02-5	1/22/1997	1,2-Dichloroethane	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-02-5	1/22/1997	1,2-Dichloropropane	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-02-5	1/22/1997	1,3-Dichlorobenzene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-02-5	1/22/1997	1,4-Dichlorobenzene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-02-5	1/22/1997	2,4,5-Trichlorophenol	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-5	1/22/1997	2,4,6-Trichlorophenol	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-02-5	1/22/1997	2,4-Dichlorophenol	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-02-5	1/22/1997	2,4-Dimethylphenol	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-02-5	1/22/1997	2,4-Dinitrophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-02-5	1/22/1997	2,4-Dinitrotoluene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-02-5	1/22/1997	2,6-Dinitrotoluene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-02-5	1/22/1997	2-Chloronaphthalene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-02-5	1/22/1997	2-Chlorophenol	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-02-5	1/22/1997	2-Hexanone	22	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-02-5	1/22/1997	2-Methylnaphthalene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-02-5	1/22/1997	2-Methylphenol (O-Cresol)	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-5	1/22/1997	2-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-02-5	1/22/1997	2-Nitrophenol	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-02-5	1/22/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-02-5	1/22/1997	3-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-02-5	1/22/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-02-5	1/22/1997	4-Bromophenyl Phenyl Ether	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-02-5	1/22/1997	4-Chloro-3-Methylphenol	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-5	1/22/1997	4-Chloroaniline	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-02-5	1/22/1997	4-Chlorophenyl Phenyl Ether	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-02-5	1/22/1997	4-Methylphenol (P-Cresol)	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-5	1/22/1997	4-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-02-5	1/22/1997	4-Nitrophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-02-5	1/22/1997	Acenaphthene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-02-5	1/22/1997	Acenaphthylene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-02-5	1/22/1997	Acetaldehyde	5600	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-02-5	1/22/1997	Acetone	27	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-02-5	1/22/1997	Anthracene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-02-5	1/22/1997	Antimony	2.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-02-5	1/22/1997	Arsenic	2.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-02-5	1/22/1997	Barium	22.3	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-02-5	1/22/1997	Benzene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-02-5	1/22/1997	Benzo(A)Anthracene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-02-5	1/22/1997	Benzo(B)Fluoranthene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-02-5	1/22/1997	Benzo(G,H,I)Perylene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-02-5	1/22/1997	Benzo(K)Fluoranthene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-02-5	1/22/1997	Benzo[A]Pyrene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-02-5	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-02-5	1/22/1997	Bis(2-Chloroethoxy)Methane	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-02-5	1/22/1997	Bis(2-Chloroethyl)Ether	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-02-5	1/22/1997	Bis(2-Ethylhexyl)Phthalate	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-02-5	1/22/1997	Bromodichloromethane	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-02-5	1/22/1997	Bromoform	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-02-5	1/22/1997	Butyl Benzyl Phthalate	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-02-5	1/22/1997	Cadmium	0.45	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-02-5	1/22/1997	Carbazole	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-02-5	1/22/1997	Carbon Disulfide	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-02-5	1/22/1997	Carbon Tetrachloride	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-02-5	1/22/1997	Chlorobenzene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-02-5	1/22/1997	Chlorodibromomethane	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-02-5	1/22/1997	Chloroform	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-02-5	1/22/1997	Chromium	7	MG/KG				Y	3-5 Feet	FS	Other Solid	Site Background	42.7
22-02-5	1/22/1997	Chrysene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-02-5	1/22/1997	cis-1,2 Dichloroethene	2.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-02-5	1/22/1997	cis-1,3-Dichloropropene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-02-5	1/22/1997	Dibenz(A,H)Anthracene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-02-5	1/22/1997	Dibenzofuran	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-02-5	1/22/1997	Diethyl Phthalate	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-02-5	1/22/1997	Diethylene Glycol	28000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-02-5	1/22/1997	Dimethyl Phthalate	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-02-5	1/22/1997	Dimethyl Terephthalate	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-02-5	1/22/1997	Di-N-Butyl Phthalate	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-02-5	1/22/1997	Ethyl Chloride	11	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-02-5	1/22/1997	Ethylbenzene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-02-5	1/22/1997	Ethylene Glycol	28000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-02-5	1/22/1997	Fluoranthene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-02-5	1/22/1997	Fluorene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-02-5	1/22/1997	Hexachlorobenzene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-02-5	1/22/1997	Hexachlorobutadiene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-02-5	1/22/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-02-5	1/22/1997	Hexachloroethane	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-02-5	1/22/1997	Indeno (1,2,3-CD) Pyrene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-02-5	1/22/1997	Isophorone	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-02-5	1/22/1997	Lead	3.7	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-02-5	1/22/1997	Manganese	41	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-02-5	1/22/1997	Mercury	0.11	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-02-5	1/22/1997	Methyl Bromide	11	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-02-5	1/22/1997	Methyl Chloride	11	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-02-5	1/22/1997	Methyl Ethyl Ketone	22	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-02-5	1/22/1997	Methyl Isobutyl Ketone	22	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-02-5	1/22/1997	Methylene Chloride	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-02-5	1/22/1997	Naphthalene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-02-5	1/22/1997	N-Dioctyl Phthalate	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-02-5	1/22/1997	Nitrobenzene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-02-5	1/22/1997	N-Nitrosodi-N-Propylamine	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-02-5	1/22/1997	N-Nitrosodiphenylamine	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-02-5	1/22/1997	Pentachlorophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-02-5	1/22/1997	Phenanthrene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-02-5	1/22/1997	Phenol	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-02-5	1/22/1997	Pyrene	370	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-02-5	1/22/1997	Selenium	1.1	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-02-5	1/22/1997	Silver	1.1	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-02-5	1/22/1997	Styrene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-02-5	1/22/1997	Tetrachloroethene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-02-5	1/22/1997	Toluene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-02-5	1/22/1997	trans-1,2-Dichloroethene	2.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-02-5	1/22/1997	trans-1,3-Dichloropropene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-02-5	1/22/1997	Trichloroethene	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-02-5	1/22/1997	Triethylene Glycol	28000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-02-5	1/22/1997	Vinyl Chloride	11	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-02-5	1/22/1997	Xylenes	5.6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-03-5	1/22/1997	1,1,1-Trichloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-03-5	1/22/1997	1,1,2,2-Tetrachloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-03-5	1/22/1997	1,1,2-Trichloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-03-5	1/22/1997	1,1-Dichloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-03-5	1/22/1997	1,1-Dichloroethene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-03-5	1/22/1997	1,2,4-Trichlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-03-5	1/22/1997	1,2-Dichlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-03-5	1/22/1997	1,2-Dichloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-03-5	1/22/1997	1,2-Dichloropropane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-03-5	1/22/1997	1,3-Dichlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-03-5	1/22/1997	1,4-Dichlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-03-5	1/22/1997	2,4,5-Trichlorophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-5	1/22/1997	2,4,6-Trichlorophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-03-5	1/22/1997	2,4-Dichlorophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-03-5	1/22/1997	2,4-Dimethylphenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-03-5	1/22/1997	2,4-Dinitrophenol	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-03-5	1/22/1997	2,4-Dinitrotoluene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-03-5	1/22/1997	2,6-Dinitrotoluene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-03-5	1/22/1997	2-Chloronaphthalene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-03-5	1/22/1997	2-Chlorophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-03-5	1/22/1997	2-Hexanone	25	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-03-5	1/22/1997	2-Methylnaphthalene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-03-5	1/22/1997	2-Methylphenol (O-Cresol)	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-5	1/22/1997	2-Nitroaniline	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-03-5	1/22/1997	2-Nitrophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-03-5	1/22/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-03-5	1/22/1997	3-Nitroaniline	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-03-5	1/22/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-03-5	1/22/1997	4-Bromophenyl Phenyl Ether	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-03-5	1/22/1997	4-Chloro-3-Methylphenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-5	1/22/1997	4-Chloroaniline	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-03-5	1/22/1997	4-Chlorophenyl Phenyl Ether	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-03-5	1/22/1997	4-Methylphenol (P-Cresol)	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-5	1/22/1997	4-Nitroaniline	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-03-5	1/22/1997	4-Nitrophenol	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-03-5	1/22/1997	Acenaphthene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-03-5	1/22/1997	Acenaphthylene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-03-5	1/22/1997	Acetaldehyde	6200	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-03-5	1/22/1997	Acetone	25	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-03-5	1/22/1997	Anthracene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-03-5	1/22/1997	Antimony	2.5	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-03-5	1/22/1997	Arsenic	2.5	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-03-5	1/22/1997	Barium	24.9	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-03-5	1/22/1997	Benzene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-03-5	1/22/1997	Benzo(A)Anthracene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-03-5	1/22/1997	Benzo(B)Fluoranthene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-03-5	1/22/1997	Benzo(G,H,I)Perylene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-03-5	1/22/1997	Benzo(K)Fluoranthene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-03-5	1/22/1997	Benzo[A]Pyrene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-03-5	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-03-5	1/22/1997	Bis(2-Chloroethoxy)Methane	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-03-5	1/22/1997	Bis(2-Chloroethyl)Ether	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-03-5	1/22/1997	Bis(2-Ethylhexyl)Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-03-5	1/22/1997	Bromodichloromethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-03-5	1/22/1997	Bromoform	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-03-5	1/22/1997	Butyl Benzyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-03-5	1/22/1997	Cadmium	0.5	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-03-5	1/22/1997	Carbazole	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-03-5	1/22/1997	Carbon Disulfide	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-03-5	1/22/1997	Carbon Tetrachloride	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-03-5	1/22/1997	Chlorobenzene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-03-5	1/22/1997	Chlorodibromomethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-03-5	1/22/1997	Chloroform	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-03-5	1/22/1997	Chromium	6.6	MG/KG				Y	3-5 Feet	FS	Other Solid	Site Background	42.7
22-03-5	1/22/1997	Chrysene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-03-5	1/22/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-03-5	1/22/1997	cis-1,3-Dichloropropene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-03-5	1/22/1997	Dibenz(A,H)Anthracene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-03-5	1/22/1997	Dibenzofuran	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-03-5	1/22/1997	Diethyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-03-5	1/22/1997	Diethylene Glycol	31000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-03-5	1/22/1997	Dimethyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-03-5	1/22/1997	Dimethyl Terephthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-03-5	1/22/1997	Di-N-Butyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-03-5	1/22/1997	Ethyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-03-5	1/22/1997	Ethylbenzene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-03-5	1/22/1997	Ethylene Glycol	31000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-03-5	1/22/1997	Fluoranthene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-03-5	1/22/1997	Fluorene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-03-5	1/22/1997	Hexachlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-03-5	1/22/1997	Hexachlorobutadiene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-03-5	1/22/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-03-5	1/22/1997	Hexachloroethane	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-03-5	1/22/1997	Indeno (1,2,3-CD) Pyrene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-03-5	1/22/1997	Isophorone	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-03-5	1/22/1997	Lead	4.2	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-03-5	1/22/1997	Manganese	35.9	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-03-5	1/22/1997	Mercury	0.12	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-03-5	1/22/1997	Methyl Bromide	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-03-5	1/22/1997	Methyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-03-5	1/22/1997	Methyl Ethyl Ketone	25	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-03-5	1/22/1997	Methyl Isobutyl Ketone	25	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-03-5	1/22/1997	Methylene Chloride	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-03-5	1/22/1997	Naphthalene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-03-5	1/22/1997	N-Dioctyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-03-5	1/22/1997	Nitrobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-03-5	1/22/1997	N-Nitrosodi-N-Propylamine	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-03-5	1/22/1997	N-Nitrosodiphenylamine	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-03-5	1/22/1997	Pentachlorophenol	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-03-5	1/22/1997	Phenanthrene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-03-5	1/22/1997	Phenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-03-5	1/22/1997	Pyrene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-03-5	1/22/1997	Selenium	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-03-5	1/22/1997	Silver	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-03-5	1/22/1997	Styrene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-03-5	1/22/1997	Tetrachloroethene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-03-5	1/22/1997	Toluene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-03-5	1/22/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-03-5	1/22/1997	trans-1,3-Dichloropropene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-03-5	1/22/1997	Trichloroethene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-03-5	1/22/1997	Triethylene Glycol	31000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-03-5	1/22/1997	Vinyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-03-5	1/22/1997	Xylenes	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-04-5	1/22/1997	1,1,1-Trichloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-04-5	1/22/1997	1,1,2,2-Tetrachloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-04-5	1/22/1997	1,1,2-Trichloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-04-5	1/22/1997	1,1-Dichloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-04-5	1/22/1997	1,1-Dichloroethene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-04-5	1/22/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-04-5	1/22/1997	1,2-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-04-5	1/22/1997	1,2-Dichloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-04-5	1/22/1997	1,2-Dichloropropane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-04-5	1/22/1997	1,3-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-04-5	1/22/1997	1,4-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-04-5	1/22/1997	2,4,5-Trichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-5	1/22/1997	2,4,6-Trichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-04-5	1/22/1997	2,4-Dichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-04-5	1/22/1997	2,4-Dimethylphenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-04-5	1/22/1997	2,4-Dinitrophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-04-5	1/22/1997	2,4-Dinitrotoluene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-04-5	1/22/1997	2,6-Dinitrotoluene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-04-5	1/22/1997	2-Chloronaphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-04-5	1/22/1997	2-Chlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-04-5	1/22/1997	2-Hexanone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-04-5	1/22/1997	2-Methylnaphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-04-5	1/22/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-5	1/22/1997	2-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-04-5	1/22/1997	2-Nitrophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-04-5	1/22/1997	3,3'-Dichlorobenzidine	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-04-5	1/22/1997	3-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-04-5	1/22/1997	4,6-Dinitro-2-Methylphenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-04-5	1/22/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-04-5	1/22/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-5	1/22/1997	4-Chloroaniline	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-04-5	1/22/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-04-5	1/22/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-5	1/22/1997	4-Nitroaniline	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-04-5	1/22/1997	4-Nitrophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-04-5	1/22/1997	Acenaphthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-04-5	1/22/1997	Acenaphthylene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-04-5	1/22/1997	Acetaldehyde	5800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-04-5	1/22/1997	Acetone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-04-5	1/22/1997	Anthracene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-04-5	1/22/1997	Antimony	2.3	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-04-5	1/22/1997	Benzo[A]Pyrene	1000	UG/KG			Y	Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-04-5	1/22/1997	Arsenic	2.3	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-04-5	1/22/1997	Barium	23	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-04-5	1/22/1997	Benzene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-04-5	1/22/1997	Benzo(A)Anthracene	830	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-04-5	1/22/1997	Benzo(B)Fluoranthene	1300	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-04-5	1/22/1997	Benzo(G,H,I)Perylene	570	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-04-5	1/22/1997	Benzo(K)Fluoranthene	1000	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-04-5	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-04-5	1/22/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-04-5	1/22/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-04-5	1/22/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-04-5	1/22/1997	Bromodichloromethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-04-5	1/22/1997	Bromoform	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-04-5	1/22/1997	Butyl Benzyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-04-5	1/22/1997	Cadmium	0.46	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-04-5	1/22/1997	Carbazole	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-04-5	1/22/1997	Carbon Disulfide	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-04-5	1/22/1997	Carbon Tetrachloride	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-04-5	1/22/1997	Chlorobenzene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-04-5	1/22/1997	Chlorodibromomethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-04-5	1/22/1997	Chloroform	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-04-5	1/22/1997	Chromium	4.8	MG/KG				Y	3-5 Feet	FS	Other Solid	Site Background	42.7
22-04-5	1/22/1997	Chrysene	1300	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-04-5	1/22/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-04-5	1/22/1997	cis-1,3-Dichloropropene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-04-5	1/22/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-04-5	1/22/1997	Dibenzofuran	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-04-5	1/22/1997	Diethyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-04-5	1/22/1997	Diethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-04-5	1/22/1997	Dimethyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-04-5	1/22/1997	Dimethyl Terephthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-04-5	1/22/1997	Di-N-Butyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-04-5	1/22/1997	Ethyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-04-5	1/22/1997	Ethylbenzene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-04-5	1/22/1997	Ethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-04-5	1/22/1997	Fluoranthene	3900	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-04-5	1/22/1997	Fluorene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-04-5	1/22/1997	Hexachlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-04-5	1/22/1997	Hexachlorobutadiene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-04-5	1/22/1997	Hexachlorocyclopentadiene	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-04-5	1/22/1997	Hexachloroethane	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-04-5	1/22/1997	Indeno (1,2,3-CD) Pyrene	540	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-04-5	1/22/1997	Isophorone	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-04-5	1/22/1997	Lead	2.4	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-04-5	1/22/1997	Manganese	24.6	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-04-5	1/22/1997	Mercury	0.12	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-04-5	1/22/1997	Methyl Bromide	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-04-5	1/22/1997	Methyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-04-5	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-04-5	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-04-5	1/22/1997	Methylene Chloride	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-04-5	1/22/1997	Naphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-04-5	1/22/1997	N-Dioctyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-04-5	1/22/1997	Nitrobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-04-5	1/22/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-04-5	1/22/1997	N-Nitrosodiphenylamine	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-04-5	1/22/1997	Pentachlorophenol	1800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-04-5	1/22/1997	Phenanthrene	1700	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-04-5	1/22/1997	Phenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-04-5	1/22/1997	Pyrene	2700	UG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-04-5	1/22/1997	Selenium	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-04-5	1/22/1997	Silver	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-04-5	1/22/1997	Styrene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-04-5	1/22/1997	Tetrachloroethene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-04-5	1/22/1997	Toluene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-04-5	1/22/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-04-5	1/22/1997	trans-1,3-Dichloropropene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-04-5	1/22/1997	Trichloroethene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-04-5	1/22/1997	Triethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-04-5	1/22/1997	Vinyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-04-5	1/22/1997	Xylenes	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-05-5	1/22/1997	1,1,1-Trichloroethane	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-05-5	1/22/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-05-5	1/22/1997	1,1,2-Trichloroethane	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-05-5	1/22/1997	1,1-Dichloroethane	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-05-5	1/22/1997	1,1-Dichloroethene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-05-5	1/22/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-05-5	1/22/1997	1,2-Dichlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-05-5	1/22/1997	1,2-Dichloroethane	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-05-5	1/22/1997	1,2-Dichloropropane	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-05-5	1/22/1997	1,3-Dichlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-05-5	1/22/1997	1,4-Dichlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-05-5	1/22/1997	2,4,5-Trichlorophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-5	1/22/1997	2,4,6-Trichlorophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-05-5	1/22/1997	2,4-Dichlorophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-05-5	1/22/1997	2,4-Dimethylphenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-05-5	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-05-5	1/22/1997	2,4-Dinitrotoluene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-05-5	1/22/1997	2,6-Dinitrotoluene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-05-5	1/22/1997	2-Chloronaphthalene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-05-5	1/22/1997	2-Chlorophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-05-5	1/22/1997	2-Hexanone	24	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-05-5	1/22/1997	2-Methylnaphthalene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-05-5	1/22/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-5	1/22/1997	2-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-05-5	1/22/1997	2-Nitrophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-05-5	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-05-5	1/22/1997	3-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-05-5	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-05-5	1/22/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-05-5	1/22/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-5	1/22/1997	4-Chloroaniline	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-05-5	1/22/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-05-5	1/22/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-5	1/22/1997	4-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-05-5	1/22/1997	4-Nitrophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-05-5	1/22/1997	Acenaphthene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-05-5	1/22/1997	Acenaphthylene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-05-5	1/22/1997	Acetaldehyde	6000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-05-5	1/22/1997	Acetone	24	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-05-5	1/22/1997	Anthracene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-05-5	1/22/1997	Antimony	2.4	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-05-5	1/22/1997	Arsenic	2.4	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-05-5	1/22/1997	Barium	23.9	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-05-5	1/22/1997	Benzene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-05-5	1/22/1997	Benzo(A)Anthracene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-05-5	1/22/1997	Benzo(B)Fluoranthene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-05-5	1/22/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-05-5	1/22/1997	Benzo(K)Fluoranthene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-05-5	1/22/1997	Benzo[A]Pyrene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-05-5	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-05-5	1/22/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-05-5	1/22/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-05-5	1/22/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-05-5	1/22/1997	Bromodichloromethane	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-05-5	1/22/1997	Bromoform	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-05-5	1/22/1997	Butyl Benzyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-05-5	1/22/1997	Cadmium	0.48	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-05-5	1/22/1997	Carbazole	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-05-5	1/22/1997	Carbon Disulfide	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-05-5	1/22/1997	Carbon Tetrachloride	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-05-5	1/22/1997	Chlorobenzene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-05-5	1/22/1997	Chlorodibromomethane	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-05-5	1/22/1997	Chloroform	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-05-5	1/22/1997	Chromium	4.5	MG/KG				Y	3-5 Feet	FS	Other Solid	Site Background	42.7
22-05-5	1/22/1997	Chrysene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-05-5	1/22/1997	cis-1,2 Dichloroethene	3	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-05-5	1/22/1997	cis-1,3-Dichloropropene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-05-5	1/22/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-05-5	1/22/1997	Dibenzofuran	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-05-5	1/22/1997	Diethyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-05-5	1/22/1997	Diethylene Glycol	30000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-05-5	1/22/1997	Dimethyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-05-5	1/22/1997	Dimethyl Terephthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-05-5	1/22/1997	Di-N-Butyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-05-5	1/22/1997	Ethyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-05-5	1/22/1997	Ethylbenzene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-05-5	1/22/1997	Ethylene Glycol	30000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-05-5	1/22/1997	Fluoranthene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-05-5	1/22/1997	Fluorene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-05-5	1/22/1997	Hexachlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-05-5	1/22/1997	Hexachlorobutadiene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-05-5	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-05-5	1/22/1997	Hexachloroethane	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-05-5	1/22/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-05-5	1/22/1997	Isophorone	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-05-5	1/22/1997	Lead	2.2	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-05-5	1/22/1997	Manganese	15.1	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-05-5	1/22/1997	Mercury	0.12	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-05-5	1/22/1997	Methyl Bromide	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-05-5	1/22/1997	Methyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-05-5	1/22/1997	Methyl Ethyl Ketone	24	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-05-5	1/22/1997	Methyl Isobutyl Ketone	24	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-05-5	1/22/1997	Methylene Chloride	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-05-5	1/22/1997	Naphthalene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-05-5	1/22/1997	N-Dioctyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-05-5	1/22/1997	Nitrobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-05-5	1/22/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-05-5	1/22/1997	N-Nitrosodiphenylamine	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-05-5	1/22/1997	Pentachlorophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-05-5	1/22/1997	Phenanthrene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-05-5	1/22/1997	Phenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-05-5	1/22/1997	Pyrene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-05-5	1/22/1997	Selenium	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-05-5	1/22/1997	Silver	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-05-5	1/22/1997	Styrene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-05-5	1/22/1997	Tetrachloroethene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-05-5	1/22/1997	Toluene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-05-5	1/22/1997	trans-1,2-Dichloroethene	3	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-05-5	1/22/1997	trans-1,3-Dichloropropene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-05-5	1/22/1997	Trichloroethene	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-05-5	1/22/1997	Triethylene Glycol	30000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-05-5	1/22/1997	Vinyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-05-5	1/22/1997	Xylenes	6	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-06-5	1/22/1997	1,1,1-Trichloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-06-5	1/22/1997	1,1,2,2-Tetrachloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-06-5	1/22/1997	1,1,2-Trichloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-06-5	1/22/1997	1,1-Dichloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-06-5	1/22/1997	1,1-Dichloroethene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-06-5	1/22/1997	1,2,4-Trichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-06-5	1/22/1997	1,2-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-06-5	1/22/1997	1,2-Dichloroethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-06-5	1/22/1997	1,2-Dichloropropane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-06-5	1/22/1997	1,3-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-06-5	1/22/1997	1,4-Dichlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-06-5	1/22/1997	2,4,5-Trichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-5	1/22/1997	2,4,6-Trichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-06-5	1/22/1997	2,4-Dichlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-06-5	1/22/1997	2,4-Dimethylphenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-06-5	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-06-5	1/22/1997	2,4-Dinitrotoluene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-06-5	1/22/1997	2,6-Dinitrotoluene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-06-5	1/22/1997	2-Chloronaphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-06-5	1/22/1997	2-Chlorophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-06-5	1/22/1997	2-Hexanone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-06-5	1/22/1997	2-Methylnaphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-06-5	1/22/1997	2-Methylphenol (O-Cresol)	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-5	1/22/1997	2-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-06-5	1/22/1997	2-Nitrophenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-06-5	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-06-5	1/22/1997	3-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-06-5	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-06-5	1/22/1997	4-Bromophenyl Phenyl Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-06-5	1/22/1997	4-Chloro-3-Methylphenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-5	1/22/1997	4-Chloroaniline	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-06-5	1/22/1997	4-Chlorophenyl Phenyl Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-06-5	1/22/1997	4-Methylphenol (P-Cresol)	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-5	1/22/1997	4-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-06-5	1/22/1997	4-Nitrophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-06-5	1/22/1997	Acenaphthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-06-5	1/22/1997	Acenaphthylene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-06-5	1/22/1997	Acetaldehyde	5800	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-06-5	1/22/1997	Acetone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-06-5	1/22/1997	Anthracene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-06-5	1/22/1997	Antimony	2.3	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-06-5	1/22/1997	Arsenic	2.3	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-06-5	1/22/1997	Barium	23.3	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-06-5	1/22/1997	Benzene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-06-5	1/22/1997	Benzo(A)Anthracene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-06-5	1/22/1997	Benzo(B)Fluoranthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-06-5	1/22/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-06-5	1/22/1997	Benzo(K)Fluoranthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-06-5	1/22/1997	Benzo[A]Pyrene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-06-5	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-06-5	1/22/1997	Bis(2-Chloroethoxy)Methane	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-06-5	1/22/1997	Bis(2-Chloroethyl)Ether	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-06-5	1/22/1997	Bis(2-Ethylhexyl)Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-06-5	1/22/1997	Bromodichloromethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-06-5	1/22/1997	Bromoform	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-06-5	1/22/1997	Butyl Benzyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-06-5	1/22/1997	Cadmium	0.47	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-06-5	1/22/1997	Carbazole	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-06-5	1/22/1997	Carbon Disulfide	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-06-5	1/22/1997	Carbon Tetrachloride	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-06-5	1/22/1997	Chlorobenzene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-06-5	1/22/1997	Chlorodibromomethane	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-06-5	1/22/1997	Chloroform	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-06-5	1/22/1997	Chromium	3.8	MG/KG				Y	3-5 Feet	FS	Other Solid	Site Background	42.7
22-06-5	1/22/1997	Chrysene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-06-5	1/22/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-06-5	1/22/1997	cis-1,3-Dichloropropene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-06-5	1/22/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-06-5	1/22/1997	Dibenzofuran	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-06-5	1/22/1997	Diethyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-06-5	1/22/1997	Diethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-06-5	1/22/1997	Dimethyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-06-5	1/22/1997	Dimethyl Terephthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-06-5	1/22/1997	Di-N-Butyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-06-5	1/22/1997	Ethyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-06-5	1/22/1997	Ethylbenzene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-06-5	1/22/1997	Ethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-06-5	1/22/1997	Fluoranthene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-06-5	1/22/1997	Fluorene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-06-5	1/22/1997	Hexachlorobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-06-5	1/22/1997	Hexachlorobutadiene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-06-5	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-06-5	1/22/1997	Hexachloroethane	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-06-5	1/22/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-06-5	1/22/1997	Isophorone	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-06-5	1/22/1997	Lead	1.6	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-06-5	1/22/1997	Manganese	14.7	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-06-5	1/22/1997	Mercury	0.12	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-06-5	1/22/1997	Methyl Bromide	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-06-5	1/22/1997	Methyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-06-5	1/22/1997	Methyl Ethyl Ketone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-06-5	1/22/1997	Methyl Isobutyl Ketone	23	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-06-5	1/22/1997	Methylene Chloride	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-06-5	1/22/1997	Naphthalene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-06-5	1/22/1997	N-Dioctyl Phthalate	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-06-5	1/22/1997	Nitrobenzene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-06-5	1/22/1997	N-Nitrosodi-N-Propylamine	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-06-5	1/22/1997	N-Nitrosodiphenylamine	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-06-5	1/22/1997	Pentachlorophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-06-5	1/22/1997	Phenanthrene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-06-5	1/22/1997	Phenol	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-06-5	1/22/1997	Pyrene	380	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-06-5	1/22/1997	Selenium	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-06-5	1/22/1997	Silver	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-06-5	1/22/1997	Styrene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-06-5	1/22/1997	Tetrachloroethene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-06-5	1/22/1997	Toluene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-06-5	1/22/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-06-5	1/22/1997	trans-1,3-Dichloropropene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-06-5	1/22/1997	Trichloroethene	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-06-5	1/22/1997	Triethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-06-5	1/22/1997	Vinyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-06-5	1/22/1997	Xylenes	5.8	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-07-5	1/23/1997	1,1,1-Trichloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-07-5	1/23/1997	1,1,2,2-Tetrachloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-07-5	1/23/1997	1,1,2-Trichloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-07-5	1/23/1997	1,1-Dichloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-07-5	1/23/1997	1,1-Dichloroethene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-07-5	1/23/1997	1,2,4-Trichlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-07-5	1/23/1997	1,2-Dichlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-07-5	1/23/1997	1,2-Dichloroethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-07-5	1/23/1997	1,2-Dichloropropane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-07-5	1/23/1997	1,3-Dichlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-07-5	1/23/1997	1,4-Dichlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-07-5	1/23/1997	2,4,5-Trichlorophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-5	1/23/1997	2,4,6-Trichlorophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-07-5	1/23/1997	2,4-Dichlorophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-07-5	1/23/1997	2,4-Dimethylphenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-07-5	1/23/1997	2,4-Dinitrophenol	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-07-5	1/23/1997	2,4-Dinitrotoluene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-07-5	1/23/1997	2,6-Dinitrotoluene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-07-5	1/23/1997	2-Chloronaphthalene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-07-5	1/23/1997	2-Chlorophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-07-5	1/23/1997	2-Hexanone	25	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-07-5	1/23/1997	2-Methylnaphthalene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-07-5	1/23/1997	2-Methylphenol (O-Cresol)	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-5	1/23/1997	2-Nitroaniline	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-07-5	1/23/1997	2-Nitrophenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-07-5	1/23/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-07-5	1/23/1997	3-Nitroaniline	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-07-5	1/23/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-07-5	1/23/1997	4-Bromophenyl Phenyl Ether	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-07-5	1/23/1997	4-Chloro-3-Methylphenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-5	1/23/1997	4-Chloroaniline	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-07-5	1/23/1997	4-Chlorophenyl Phenyl Ether	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-07-5	1/23/1997	4-Methylphenol (P-Cresol)	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-5	1/23/1997	4-Nitroaniline	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-07-5	1/23/1997	4-Nitrophenol	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-07-5	1/23/1997	Acenaphthene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-07-5	1/23/1997	Acenaphthylene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-07-5	1/23/1997	Acetaldehyde	6200	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-07-5	1/23/1997	Acetone	25	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-07-5	1/23/1997	Anthracene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-07-5	1/23/1997	Antimony	2.5	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-07-5	1/23/1997	Arsenic	2.5	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-07-5	1/23/1997	Barium	24.8	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-07-5	1/23/1997	Benzene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-07-5	1/23/1997	Benzo(A)Anthracene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-07-5	1/23/1997	Benzo(B)Fluoranthene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-07-5	1/23/1997	Benzo(G,H,I)Perylene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-07-5	1/23/1997	Benzo(K)Fluoranthene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-07-5	1/23/1997	Benzo[A]Pyrene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-07-5	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-07-5	1/23/1997	Bis(2-Chloroethoxy)Methane	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-07-5	1/23/1997	Bis(2-Chloroethyl)Ether	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-07-5	1/23/1997	Bis(2-Ethylhexyl)Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-07-5	1/23/1997	Bromodichloromethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-07-5	1/23/1997	Bromoform	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-07-5	1/23/1997	Butyl Benzyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-07-5	1/23/1997	Cadmium	0.5	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-07-5	1/23/1997	Carbazole	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-07-5	1/23/1997	Carbon Disulfide	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-07-5	1/23/1997	Carbon Tetrachloride	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-07-5	1/23/1997	Chlorobenzene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-07-5	1/23/1997	Chlorodibromomethane	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-07-5	1/23/1997	Chloroform	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-07-5	1/23/1997	Chromium	1.6	MG/KG				Y	3-5 Feet	FS	Other Solid	Site Background	42.7
22-07-5	1/23/1997	Chrysene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-07-5	1/23/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-07-5	1/23/1997	cis-1,3-Dichloropropene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-07-5	1/23/1997	Dibenz(A,H)Anthracene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-07-5	1/23/1997	Dibenzofuran	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-07-5	1/23/1997	Diethyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-07-5	1/23/1997	Diethylene Glycol	31000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-07-5	1/23/1997	Dimethyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-07-5	1/23/1997	Dimethyl Terephthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-07-5	1/23/1997	Di-N-Butyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-07-5	1/23/1997	Ethyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-07-5	1/23/1997	Ethylbenzene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-07-5	1/23/1997	Ethylene Glycol	31000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-07-5	1/23/1997	Fluoranthene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-07-5	1/23/1997	Fluorene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-07-5	1/23/1997	Hexachlorobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-07-5	1/23/1997	Hexachlorobutadiene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-07-5	1/23/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-07-5	1/23/1997	Hexachloroethane	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-07-5	1/23/1997	Indeno (1,2,3-CD) Pyrene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-07-5	1/23/1997	Isophorone	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-07-5	1/23/1997	Lead	1	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-07-5	1/23/1997	Manganese	5.4	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-07-5	1/23/1997	Mercury	0.12	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-07-5	1/23/1997	Methyl Bromide	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-07-5	1/23/1997	Methyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-07-5	1/23/1997	Methyl Ethyl Ketone	25	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-07-5	1/23/1997	Methyl Isobutyl Ketone	25	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-07-5	1/23/1997	Methylene Chloride	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-07-5	1/23/1997	Naphthalene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-07-5	1/23/1997	N-Dioctyl Phthalate	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-07-5	1/23/1997	Nitrobenzene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-07-5	1/23/1997	N-Nitrosodi-N-Propylamine	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-07-5	1/23/1997	N-Nitrosodiphenylamine	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-07-5	1/23/1997	Pentachlorophenol	2000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-07-5	1/23/1997	Phenanthrene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-07-5	1/23/1997	Phenol	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-07-5	1/23/1997	Pyrene	410	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-07-5	1/23/1997	Selenium	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-07-5	1/23/1997	Silver	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-07-5	1/23/1997	Styrene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
22-07-5	1/23/1997	Tetrachloroethene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-07-5	1/23/1997	Toluene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-07-5	1/23/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-07-5	1/23/1997	trans-1,3-Dichloropropene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-07-5	1/23/1997	Trichloroethene	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-07-5	1/23/1997	Triethylene Glycol	31000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-07-5	1/23/1997	Vinyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-07-5	1/23/1997	Xylenes	6.2	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
22-08-5	1/23/1997	1,1,1-Trichloroethane	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
22-08-5	1/23/1997	1,1,2,2-Tetrachloroethane	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
22-08-5	1/23/1997	1,1,2-Trichloroethane	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-08-5	1/23/1997	1,1-Dichloroethane	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
22-08-5	1/23/1997	1,1-Dichloroethene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
22-08-5	1/23/1997	1,2,4-Trichlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
22-08-5	1/23/1997	1,2-Dichlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
22-08-5	1/23/1997	1,2-Dichloroethane	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-08-5	1/23/1997	1,2-Dichloropropane	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
22-08-5	1/23/1997	1,3-Dichlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-08-5	1/23/1997	1,4-Dichlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
22-08-5	1/23/1997	2,4,5-Trichlorophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-5	1/23/1997	2,4,6-Trichlorophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-08-5	1/23/1997	2,4-Dichlorophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-08-5	1/23/1997	2,4-Dimethylphenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
22-08-5	1/23/1997	2,4-Dinitrophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
22-08-5	1/23/1997	2,4-Dinitrotoluene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
22-08-5	1/23/1997	2,6-Dinitrotoluene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
22-08-5	1/23/1997	2-Chloronaphthalene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
22-08-5	1/23/1997	2-Chlorophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
22-08-5	1/23/1997	2-Hexanone	24	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-08-5	1/23/1997	2-Methylnaphthalene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
22-08-5	1/23/1997	2-Methylphenol (O-Cresol)	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-5	1/23/1997	2-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-08-5	1/23/1997	2-Nitrophenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
22-08-5	1/23/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
22-08-5	1/23/1997	3-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-08-5	1/23/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
22-08-5	1/23/1997	4-Bromophenyl Phenyl Ether	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
22-08-5	1/23/1997	4-Chloro-3-Methylphenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-5	1/23/1997	4-Chloroaniline	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
22-08-5	1/23/1997	4-Chlorophenyl Phenyl Ether	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-08-5	1/23/1997	4-Methylphenol (P-Cresol)	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-5	1/23/1997	4-Nitroaniline	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
22-08-5	1/23/1997	4-Nitrophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-08-5	1/23/1997	Acenaphthene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
22-08-5	1/23/1997	Acenaphthylene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
22-08-5	1/23/1997	Acetaldehyde	5900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	52000
22-08-5	1/23/1997	Acetone	24	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-08-5	1/23/1997	Anthracene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-08-5	1/23/1997	Antimony	2.4	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+01
22-08-5	1/23/1997	Arsenic	2.4	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
22-08-5	1/23/1997	Barium	23.5	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
22-08-5	1/23/1997	Benzene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
22-08-5	1/23/1997	Benzo(A)Anthracene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-08-5	1/23/1997	Benzo(B)Fluoranthene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-08-5	1/23/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
22-08-5	1/23/1997	Benzo(K)Fluoranthene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
22-08-5	1/23/1997	Benzo[A]Pyrene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-08-5	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-08-5	1/23/1997	Bis(2-Chloroethoxy)Methane	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
22-08-5	1/23/1997	Bis(2-Chloroethyl)Ether	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
22-08-5	1/23/1997	Bis(2-Ethylhexyl)Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
22-08-5	1/23/1997	Bromodichloromethane	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
22-08-5	1/23/1997	Bromoform	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
22-08-5	1/23/1997	Butyl Benzyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
22-08-5	1/23/1997	Cadmium	0.47	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
22-08-5	1/23/1997	Carbazole	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
22-08-5	1/23/1997	Carbon Disulfide	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-08-5	1/23/1997	Carbon Tetrachloride	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
22-08-5	1/23/1997	Chlorobenzene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
22-08-5	1/23/1997	Chlorodibromomethane	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
22-08-5	1/23/1997	Chloroform	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
22-08-5	1/23/1997	Chromium	2.8	MG/KG				Y	3-5 Feet	FS	Other Solid	Site Background	42.7
22-08-5	1/23/1997	Chrysene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
22-08-5	1/23/1997	cis-1,2 Dichloroethene	2.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
22-08-5	1/23/1997	cis-1,3-Dichloropropene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-08-5	1/23/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
22-08-5	1/23/1997	Dibenzofuran	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
22-08-5	1/23/1997	Diethyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
22-08-5	1/23/1997	Diethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-08-5	1/23/1997	Dimethyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
22-08-5	1/23/1997	Dimethyl Terephthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
22-08-5	1/23/1997	Di-N-Butyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
22-08-5	1/23/1997	Ethyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
22-08-5	1/23/1997	Ethylbenzene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
22-08-5	1/23/1997	Ethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
22-08-5	1/23/1997	Fluoranthene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-08-5	1/23/1997	Fluorene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
22-08-5	1/23/1997	Hexachlorobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
22-08-5	1/23/1997	Hexachlorobutadiene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
22-08-5	1/23/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
22-08-5	1/23/1997	Hexachloroethane	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
22-08-5	1/23/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
22-08-5	1/23/1997	Isophorone	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
22-08-5	1/23/1997	Lead	1.9	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
22-08-5	1/23/1997	Manganese	9.7	MG/KG				Y	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.60E+03
22-08-5	1/23/1997	Mercury	0.12	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
22-08-5	1/23/1997	Methyl Bromide	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
22-08-5	1/23/1997	Methyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
22-08-5	1/23/1997	Methyl Ethyl Ketone	24	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
22-08-5	1/23/1997	Methyl Isobutyl Ketone	24	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
22-08-5	1/23/1997	Methylene Chloride	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
22-08-5	1/23/1997	Naphthalene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
22-08-5	1/23/1997	N-Dioctyl Phthalate	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
22-08-5	1/23/1997	Nitrobenzene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
22-08-5	1/23/1997	N-Nitrosodi-N-Propylamine	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
22-08-5	1/23/1997	N-Nitrosodiphenylamine	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
22-08-5	1/23/1997	Pentachlorophenol	1900	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
22-08-5	1/23/1997	Phenanthrene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
22-08-5	1/23/1997	Phenol	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
22-08-5	1/23/1997	Pyrene	390	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
22-08-5	1/23/1997	Selenium	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-08-5	1/23/1997	Silver	1.2	MG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
22-08-5	1/23/1997	Styrene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05

APPENDIX B
Table 1
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
22-08-5	1/23/1997	Tetrachloroethene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
22-08-5	1/23/1997	Toluene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
22-08-5	1/23/1997	trans-1,2-Dichloroethene	2.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
22-08-5	1/23/1997	trans-1,3-Dichloropropene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
22-08-5	1/23/1997	Trichloroethene	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
22-08-5	1/23/1997	Triethylene Glycol	29000	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
22-08-5	1/23/1997	Vinyl Chloride	12	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
22-08-5	1/23/1997	Xylenes	5.9	UG/KG				N	3-5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
56-01-6	1/24/1997	1,1,1-Trichloroethane	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
56-01-6	1/24/1997	1,1,2,2-Tetrachloroethane	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
56-01-6	1/24/1997	1,1,2-Trichloroethane	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
56-01-6	1/24/1997	1,1-Dichloroethane	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
56-01-6	1/24/1997	1,1-Dichloroethene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
56-01-6	1/24/1997	1,2-Dichloroethane	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
56-01-6	1/24/1997	1,2-Dichloropropane	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
56-01-6	1/24/1997	2-Hexanone	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
56-01-6	1/24/1997	Acenaphthene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
56-01-6	1/24/1997	Acenaphthylene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
56-01-6	1/24/1997	Acetone	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
56-01-6	1/24/1997	Anthracene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
56-01-6	1/24/1997	Arsenic	32.3	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
56-01-6	1/24/1997	Chromium	141	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	Site Background	42.7
56-01-6	1/24/1997	Barium	42.1	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
56-01-6	1/24/1997	Benzene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
56-01-6	1/24/1997	Benzo(A)Anthracene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-01-6	1/24/1997	Benzo(B)Fluoranthene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-01-6	1/24/1997	Benzo(G,H,I)Perylene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
56-01-6	1/24/1997	Benzo(K)Fluoranthene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
56-01-6	1/24/1997	Benzo[A]Pyrene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
56-01-6	1/24/1997	Bromodichloromethane	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
56-01-6	1/24/1997	Bromoform	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
56-01-6	1/24/1997	Cadmium	0.76	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
56-01-6	1/24/1997	Carbon Disulfide	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
56-01-6	1/24/1997	Carbon Tetrachloride	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
56-01-6	1/24/1997	Chlorobenzene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
56-01-6	1/24/1997	Chlorodibromomethane	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
56-01-6	1/24/1997	Chloroform	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
56-01-6	1/24/1997	Chrysene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
56-01-6	1/24/1997	cis-1,2 Dichloroethene	4.7	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
56-01-6	1/24/1997	cis-1,3-Dichloropropene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
56-01-6	1/24/1997	Dibenz(A,H)Anthracene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
56-01-6	1/24/1997	Ethyl Chloride	19	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
56-01-6	1/24/1997	Ethylbenzene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
56-01-6	1/24/1997	Fluoranthene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
56-01-6	1/24/1997	Fluorene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
56-01-6	1/24/1997	Indeno (1,2,3-CD) Pyrene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-01-6	1/24/1997	Lead	8.7	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
56-01-6	1/24/1997	Mercury	0.19	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
56-01-6	1/24/1997	Methyl Bromide	19	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
56-01-6	1/24/1997	Methyl Chloride	19	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
56-01-6	1/24/1997	Methyl Ethyl Ketone	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
56-01-6	1/24/1997	Methyl Isobutyl Ketone	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
56-01-6	1/24/1997	Methylene Chloride	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
56-01-6	1/24/1997	Naphthalene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
56-01-6	1/24/1997	Phenanthrene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
56-01-6	1/24/1997	Pyrene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
56-01-6	1/24/1997	Selenium	2.2	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
56-01-6	1/24/1997	Silver	1.9	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
56-01-6	1/24/1997	Styrene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
56-01-6	1/24/1997	Tetrachloroethene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
56-01-6	1/24/1997	Toluene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
56-01-6	1/24/1997	trans-1,2-Dichloroethene	4.7	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
56-01-6	1/24/1997	trans-1,3-Dichloropropene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
56-01-6	1/24/1997	Trichloroethene	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
56-01-6	1/24/1997	Vinyl Chloride	19	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
56-01-6	1/24/1997	Xylenes	9.5	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
56-02-6	1/24/1997	1,1,1-Trichloroethane	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
56-02-6	1/24/1997	1,1,2,2-Tetrachloroethane	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
56-02-6	1/24/1997	1,1,2-Trichloroethane	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
56-02-6	1/24/1997	1,1-Dichloroethane	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
56-02-6	1/24/1997	1,1-Dichloroethene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
56-02-6	1/24/1997	1,2-Dichloroethane	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
56-02-6	1/24/1997	1,2-Dichloropropane	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
56-02-6	1/24/1997	2-Hexanone	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
56-02-6	1/24/1997	Acenaphthene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
56-02-6	1/24/1997	Acenaphthylene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
56-02-6	1/24/1997	Acetone	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
56-02-6	1/24/1997	Anthracene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
56-02-6	1/24/1997	Arsenic	9.3	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
56-02-6	1/24/1997	Chromium	162	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	Site Background	42.7
56-02-6	1/24/1997	Barium	115	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
56-02-6	1/24/1997	Benzene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
56-02-6	1/24/1997	Benzo(A)Anthracene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-02-6	1/24/1997	Benzo(B)Fluoranthene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-02-6	1/24/1997	Benzo(G,H,I)Perylene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
56-02-6	1/24/1997	Benzo(K)Fluoranthene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
56-02-6	1/24/1997	Benzo[A]Pyrene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
56-02-6	1/24/1997	Bromodichloromethane	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
56-02-6	1/24/1997	Bromoform	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
56-02-6	1/24/1997	Cadmium	0.75	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
56-02-6	1/24/1997	Carbon Disulfide	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
56-02-6	1/24/1997	Carbon Tetrachloride	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
56-02-6	1/24/1997	Chlorobenzene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
56-02-6	1/24/1997	Chlorodibromomethane	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
56-02-6	1/24/1997	Chloroform	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
56-02-6	1/24/1997	Chrysene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
56-02-6	1/24/1997	cis-1,2 Dichloroethene	4.7	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
56-02-6	1/24/1997	cis-1,3-Dichloropropene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
56-02-6	1/24/1997	Dibenz(A,H)Anthracene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
56-02-6	1/24/1997	Ethyl Chloride	19	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
56-02-6	1/24/1997	Ethylbenzene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
56-02-6	1/24/1997	Fluoranthene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
56-02-6	1/24/1997	Fluorene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
56-02-6	1/24/1997	Indeno (1,2,3-CD) Pyrene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
56-02-6	1/24/1997	Lead	15.3	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
56-02-6	1/24/1997	Mercury	0.19	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
56-02-6	1/24/1997	Methyl Bromide	19	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
56-02-6	1/24/1997	Methyl Chloride	19	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
56-02-6	1/24/1997	Methyl Ethyl Ketone	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
56-02-6	1/24/1997	Methyl Isobutyl Ketone	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
56-02-6	1/24/1997	Methylene Chloride	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
56-02-6	1/24/1997	Naphthalene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
56-02-6	1/24/1997	Phenanthrene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
56-02-6	1/24/1997	Pyrene	620	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
56-02-6	1/24/1997	Selenium	1.9	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
56-02-6	1/24/1997	Silver	1.9	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
56-02-6	1/24/1997	Styrene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
56-02-6	1/24/1997	Tetrachloroethene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
56-02-6	1/24/1997	Toluene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
56-02-6	1/24/1997	trans-1,2-Dichloroethene	4.7	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
56-02-6	1/24/1997	trans-1,3-Dichloropropene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
56-02-6	1/24/1997	Trichloroethene	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
56-02-6	1/24/1997	Vinyl Chloride	19	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
56-02-6	1/24/1997	Xylenes	9.4	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
65-02-6	1/24/1997	Acenaphthene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
65-02-6	1/24/1997	Acenaphthylene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
65-02-6	1/24/1997	Anthracene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
65-02-6	1/24/1997	Benzo(A)Anthracene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-6	1/24/1997	Benzo(B)Fluoranthene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-6	1/24/1997	Benzo(G,H,I)Perylene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
65-02-6	1/24/1997	Benzo(K)Fluoranthene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
65-02-6	1/24/1997	Benzo[A]Pyrene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-02-6	1/24/1997	Chrysene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
65-02-6	1/24/1997	Dibenz(A,H)Anthracene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-02-6	1/24/1997	Fluoranthene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-02-6	1/24/1997	Fluorene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-02-6	1/24/1997	Indeno (1,2,3-CD) Pyrene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-6	1/24/1997	Naphthalene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
65-02-6	1/24/1997	Phenanthrene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
65-02-6	1/24/1997	Pyrene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
65-02-8	1/24/1997	Acenaphthene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
65-02-8	1/24/1997	Acenaphthylene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
65-02-8	1/24/1997	Anthracene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
65-02-8	1/24/1997	Benzo(A)Anthracene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-8	1/24/1997	Benzo(B)Fluoranthene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-8	1/24/1997	Benzo(G,H,I)Perylene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
65-02-8	1/24/1997	Benzo(K)Fluoranthene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
65-02-8	1/24/1997	Benzo[A]Pyrene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-02-8	1/24/1997	Chrysene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
65-02-8	1/24/1997	Dibenz(A,H)Anthracene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-02-8	1/24/1997	Fluoranthene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-02-8	1/24/1997	Fluorene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-02-8	1/24/1997	Indeno (1,2,3-CD) Pyrene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-02-8	1/24/1997	Naphthalene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
65-02-8	1/24/1997	Phenanthrene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
65-02-8	1/24/1997	Pyrene	430	UG/KG				N	6-8 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
65-03-3.5	1/27/1997	Acenaphthene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
65-03-3.5	1/27/1997	Acenaphthylene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
65-03-3.5	1/27/1997	Anthracene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
65-03-3.5	1/27/1997	Benzo(A)Anthracene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-03-3.5	1/27/1997	Benzo(B)Fluoranthene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-03-3.5	1/27/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
65-03-3.5	1/27/1997	Benzo(K)Fluoranthene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
65-03-3.5	1/27/1997	Benzo[A]Pyrene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-03-3.5	1/27/1997	Chrysene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
65-03-3.5	1/27/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
65-03-3.5	1/27/1997	Fluoranthene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
65-03-3.5	1/27/1997	Fluorene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
65-03-3.5	1/27/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
65-03-3.5	1/27/1997	Naphthalene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
65-03-3.5	1/27/1997	Phenanthrene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
65-03-3.5	1/27/1997	Pyrene	400	UG/KG				N	1.5-3.5 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
72-01-4	1/15/1997	1,4-Dioxane	560	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
72-01-4	1/15/1997	Diethylene Glycol	28000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-01-4	1/15/1997	Dimethyl Terephthalate	370	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
72-01-4	1/15/1997	Ethylene Glycol	28000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
72-01-4	1/15/1997	Triethylene Glycol	28000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-01-7	1/15/1997	1,4-Dioxane	590	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
72-01-7	1/15/1997	Diethylene Glycol	29000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-01-7	1/15/1997	Dimethyl Terephthalate	390	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
72-01-7	1/15/1997	Ethylene Glycol	29000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
72-01-7	1/15/1997	Triethylene Glycol	29000	UG/KG				N	5-7 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-02-4	1/15/1997	1,4-Dioxane	590	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
72-02-4	1/15/1997	Diethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-02-4	1/15/1997	Dimethyl Terephthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
72-02-4	1/15/1997	Ethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
72-02-4	1/15/1997	Triethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-03-4	1/15/1997	1,4-Dioxane	580	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
72-03-4	1/15/1997	Diethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
72-03-4	1/15/1997	Dimethyl Terephthalate	390	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
72-03-4	1/15/1997	Ethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
72-03-4	1/15/1997	Triethylene Glycol	29000	UG/KG				N	2-4 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-01-6	1/24/1997	1,4-Dioxane	600	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
74-01-6	1/24/1997	Acenaphthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
74-01-6	1/24/1997	Acenaphthylene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
74-01-6	1/24/1997	Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
74-01-6	1/24/1997	Benzene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
74-01-6	1/24/1997	Benzo(A)Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-6	1/24/1997	Benzo(B)Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-6	1/24/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
74-01-6	1/24/1997	Benzo(K)Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
74-01-6	1/24/1997	Benzo[A]Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-01-6	1/24/1997	Chrysene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
74-01-6	1/24/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-01-6	1/24/1997	Diethylene Glycol	30000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-01-6	1/24/1997	Dimethyl Terephthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
74-01-6	1/24/1997	Ethylbenzene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
74-01-6	1/24/1997	Ethylene Glycol	30000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
74-01-6	1/24/1997	Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-01-6	1/24/1997	Fluorene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-01-6	1/24/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-01-6	1/24/1997	Naphthalene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
74-01-6	1/24/1997	Phenanthrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
74-01-6	1/24/1997	Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
74-01-6	1/24/1997	Toluene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
74-01-6	1/24/1997	Triethylene Glycol	30000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-01-6	1/24/1997	Xylenes	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
74-02-6	1/24/1997	1,4-Dioxane	580	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
74-02-6	1/24/1997	Acenaphthene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
74-02-6	1/24/1997	Acenaphthylene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
74-02-6	1/24/1997	Anthracene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
74-02-6	1/24/1997	Benzene	5.8	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
74-02-6	1/24/1997	Benzo(A)Anthracene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-02-6	1/24/1997	Benzo(B)Fluoranthene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
74-02-6	1/24/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
74-02-6	1/24/1997	Benzo(K)Fluoranthene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
74-02-6	1/24/1997	Benzo[A]Pyrene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-02-6	1/24/1997	Chrysene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
74-02-6	1/24/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
74-02-6	1/24/1997	Diethylene Glycol	29000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-02-6	1/24/1997	Dimethyl Terephthalate	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5.50E+03
74-02-6	1/24/1997	Ethylbenzene	5.8	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
74-02-6	1/24/1997	Ethylene Glycol	29000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
74-02-6	1/24/1997	Fluoranthene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-02-6	1/24/1997	Fluorene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
74-02-6	1/24/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
74-02-6	1/24/1997	Naphthalene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
74-02-6	1/24/1997	Phenanthrene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
74-02-6	1/24/1997	Pyrene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
74-02-6	1/24/1997	Toluene	5.8	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
74-02-6	1/24/1997	Triethylene Glycol	29000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3600000
74-02-6	1/24/1997	Xylenes	5.8	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
89-01-6	1/21/1997	Acenaphthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
89-01-6	1/21/1997	Acenaphthylene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
89-01-6	1/21/1997	Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
89-01-6	1/21/1997	Arsenic	2.4	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
89-01-6	1/21/1997	Barium	24.4	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
89-01-6	1/21/1997	Benzene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
89-01-6	1/21/1997	Benzo(A)Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-01-6	1/21/1997	Benzo(B)Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-01-6	1/21/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
89-01-6	1/21/1997	Benzo(K)Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
89-01-6	1/21/1997	Benzo[A]Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-01-6	1/21/1997	Biphenyl	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-01-6	1/21/1997	Cadmium	0.49	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
89-01-6	1/21/1997	Chromium	5.5	MG/KG				Y	4-6 Feet	FS	Other Solid	Site Background	42.7
89-01-6	1/21/1997	Chrysene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
89-01-6	1/21/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-01-6	1/21/1997	Diphenyl Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-01-6	1/21/1997	Ethylbenzene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
89-01-6	1/21/1997	Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-01-6	1/21/1997	Fluorene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-01-6	1/21/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-01-6	1/21/1997	Lead	4.6	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
89-01-6	1/21/1997	Mercury	0.12	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
89-01-6	1/21/1997	Naphthalene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
89-01-6	1/21/1997	Phenanthrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
89-01-6	1/21/1997	Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
89-01-6	1/21/1997	Selenium	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-01-6	1/21/1997	Silver	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-01-6	1/21/1997	Toluene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
89-01-6	1/21/1997	Xylenes	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
89-02-11	1/21/1997	Acenaphthene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
89-02-11	1/21/1997	Acenaphthylene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
89-02-11	1/21/1997	Anthracene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
89-02-11	1/21/1997	Arsenic	2.4	MG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
89-02-11	1/21/1997	Barium	24.4	MG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
89-02-11	1/21/1997	Benzene	6.1	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
89-02-11	1/21/1997	Benzo(A)Anthracene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-11	1/21/1997	Benzo(B)Fluoranthene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
89-02-11	1/21/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
89-02-11	1/21/1997	Benzo(K)Fluoranthene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
89-02-11	1/21/1997	Benzo[A]Pyrene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-02-11	1/21/1997	Biphenyl	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-02-11	1/21/1997	Cadmium	0.49	MG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
89-02-11	1/21/1997	Chromium	8	MG/KG				Y	9-11 Feet	FS	Other Solid	Site Background	42.7
89-02-11	1/21/1997	Chrysene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
89-02-11	1/21/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-02-11	1/21/1997	Diphenyl Ether	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-02-11	1/21/1997	Ethylbenzene	6.1	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
89-02-11	1/21/1997	Fluoranthene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-02-11	1/21/1997	Fluorene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-02-11	1/21/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-11	1/21/1997	Lead	5	MG/KG				Y	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
89-02-11	1/21/1997	Mercury	0.12	MG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
89-02-11	1/21/1997	Naphthalene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
89-02-11	1/21/1997	Phenanthrene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
89-02-11	1/21/1997	Pyrene	400	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
89-02-11	1/21/1997	Selenium	1.2	MG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-02-11	1/21/1997	Silver	1.2	MG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-02-11	1/21/1997	Toluene	6.1	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
89-02-11	1/21/1997	Xylenes	6.1	UG/KG				N	9-11 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
89-02-6	1/21/1997	Acenaphthene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
89-02-6	1/21/1997	Acenaphthylene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
89-02-6	1/21/1997	Anthracene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
89-02-6	1/21/1997	Arsenic	2.3	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
89-02-6	1/21/1997	Barium	22.8	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
89-02-6	1/21/1997	Benzene	5.7	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
89-02-6	1/21/1997	Benzo(A)Anthracene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-6	1/21/1997	Benzo(B)Fluoranthene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-6	1/21/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
89-02-6	1/21/1997	Benzo(K)Fluoranthene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
89-02-6	1/21/1997	Benzo[A]Pyrene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-02-6	1/21/1997	Biphenyl	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-02-6	1/21/1997	Cadmium	0.46	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
89-02-6	1/21/1997	Chromium	2.7	MG/KG				Y	4-6 Feet	FS	Other Solid	Site Background	42.7
89-02-6	1/21/1997	Chrysene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
89-02-6	1/21/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-02-6	1/21/1997	Diphenyl Ether	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-02-6	1/21/1997	Ethylbenzene	5.7	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
89-02-6	1/21/1997	Fluoranthene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-02-6	1/21/1997	Fluorene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-02-6	1/21/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-02-6	1/21/1997	Lead	2.2	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
89-02-6	1/21/1997	Mercury	0.11	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
89-02-6	1/21/1997	Naphthalene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
89-02-6	1/21/1997	Phenanthrene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
89-02-6	1/21/1997	Pyrene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
89-02-6	1/21/1997	Selenium	1.1	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-02-6	1/21/1997	Silver	1.1	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-02-6	1/21/1997	Toluene	5.7	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
89-02-6	1/21/1997	Xylenes	5.7	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
89-03-6	1/21/1997	Acenaphthene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
89-03-6	1/21/1997	Acenaphthylene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
89-03-6	1/21/1997	Anthracene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
89-03-6	1/21/1997	Arsenic	2.4	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
89-03-6	1/21/1997	Barium	23.5	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
89-03-6	1/21/1997	Benzene	5.9	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
89-03-6	1/21/1997	Benzo(A)Anthracene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-03-6	1/21/1997	Benzo(B)Fluoranthene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-03-6	1/21/1997	Benzo(G,H,I)Perylene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
89-03-6	1/21/1997	Benzo(K)Fluoranthene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
89-03-6	1/21/1997	Benzo[A]Pyrene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-03-6	1/21/1997	Biphenyl	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-03-6	1/21/1997	Cadmium	0.47	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
89-03-6	1/21/1997	Chromium	3	MG/KG				Y	4-6 Feet	FS	Other Solid	Site Background	42.7
89-03-6	1/21/1997	Chrysene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
89-03-6	1/21/1997	Dibenz(A,H)Anthracene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
89-03-6	1/21/1997	Diphenyl Ether	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	42000
89-03-6	1/21/1997	Ethylbenzene	5.9	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
89-03-6	1/21/1997	Fluoranthene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-03-6	1/21/1997	Fluorene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
89-03-6	1/21/1997	Indeno (1,2,3-CD) Pyrene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
89-03-6	1/21/1997	Lead	3.3	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
89-03-6	1/21/1997	Mercury	0.12	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
89-03-6	1/21/1997	Naphthalene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
89-03-6	1/21/1997	Phenanthrene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
89-03-6	1/21/1997	Pyrene	390	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
89-03-6	1/21/1997	Selenium	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-03-6	1/21/1997	Silver	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
89-03-6	1/21/1997	Toluene	5.9	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
89-03-6	1/21/1997	Xylenes	5.9	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC103C-SB-2	6/18/2014	Biphenyl	19	UG/KG	U			N	2-4 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-2	6/18/2014	Diphenyl Ether	19	UG/KG	U			N	2-4 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-3	6/18/2014	Biphenyl	22	UG/KG	U			N	2-4 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-3	6/18/2014	Diphenyl Ether	22	UG/KG	U			N	2-4 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-4	6/18/2014	Biphenyl	21	UG/KG	U			N	2-4 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103C-SB-4	6/18/2014	Diphenyl Ether	21	UG/KG	U			N	2-4 FEET	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103-S2	9/27/2013	2-Methylnaphthalene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC103-S2	9/27/2013	Acenaphthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC103-S2	9/27/2013	Acenaphthylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
AOC103-S2	9/27/2013	Anthracene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC103-S2	9/27/2013	Benzene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
AOC103-S2	9/27/2013	Benzo(A)Anthracene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S2	9/27/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S2	9/27/2013	Benzo(B)Fluoranthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S2	9/27/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S2	9/27/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC103-S2	9/27/2013	Benzo(G,H,I)Perylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC103-S2	9/27/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC103-S2	9/27/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC103-S2	9/27/2013	Benzo[A]Pyrene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC103-S2	9/27/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC103-S2	9/27/2013	Biphenyl	590	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103-S2	9/27/2013	C11 to C22 Aromatics	15	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
AOC103-S2	9/27/2013	C19 to C36 Aliphatics	15	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
AOC103-S2	9/27/2013	C5 - C8 Aliphatic Hydrocarbons	7.16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
AOC103-S2	9/27/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	7.16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
AOC103-S2	9/27/2013	C9 through C10 Aromatic Hydrocarbons	7.16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
AOC103-S2	9/27/2013	C9 through C12 Aliphatic Hydrocarbons	7.16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
AOC103-S2	9/27/2013	C9 to C18 Aliphatics	7.3	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
AOC103-S2	9/27/2013	Chrysene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000

APPENDIX B
Table 1
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC103-S2	9/27/2013	Chrysene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
AOC103-S2	9/27/2013	Dibenz(A,H)Anthracene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC103-S2	9/27/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC103-S2	9/27/2013	Diphenyl Ether	1400	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
AOC103-S2	9/27/2013	Ethylbenzene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
AOC103-S2	9/27/2013	Fluoranthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC103-S2	9/27/2013	Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC103-S2	9/27/2013	Fluorene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC103-S2	9/27/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC103-S2	9/27/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S2	9/27/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC103-S2	9/27/2013	Meta- And Para-Xylene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
AOC103-S2	9/27/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
AOC103-S2	9/27/2013	Naphthalene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC103-S2	9/27/2013	Naphthalene	400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC103-S2	9/27/2013	Naphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC103-S2	9/27/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	7.16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
AOC103-S2	9/27/2013	Ortho-Xylene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
AOC103-S2	9/27/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC103-S2	9/27/2013	Phenanthrene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC103-S2	9/27/2013	Phenol	380	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC103-S2	9/27/2013	Pyrene	490	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC103-S2	9/27/2013	Pyrene	4	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC103-S2	9/27/2013	Toluene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC103-S2	9/27/2013	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
AOC106-01-6	1/15/1997	Acenaphthene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC106-01-6	1/15/1997	Acenaphthylene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC106-01-6	1/15/1997	Anthracene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC106-01-6	1/15/1997	Benzo(A)Anthracene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC106-01-6	1/15/1997	Benzo(B)Fluoranthene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC106-01-6	1/15/1997	Benzo(G,H,I)Perylene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC106-01-6	1/15/1997	Benzo(K)Fluoranthene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC106-01-6	1/15/1997	Benzo[A]Pyrene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC106-01-6	1/15/1997	Chrysene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC106-01-6	1/15/1997	Dibenz(A,H)Anthracene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC106-01-6	1/15/1997	Fluoranthene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC106-01-6	1/15/1997	Fluorene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC106-01-6	1/15/1997	Indeno (1,2,3-CD) Pyrene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC106-01-6	1/15/1997	Naphthalene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC106-01-6	1/15/1997	PCB 1016	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-6	1/15/1997	PCB 1221	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-6	1/15/1997	PCB 1232	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-6	1/15/1997	PCB 1242	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-6	1/15/1997	PCB 1248	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-6	1/15/1997	PCB 1254	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-6	1/15/1997	PCB 1260	38	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC106-01-6	1/15/1997	Phenanthrene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC106-01-6	1/15/1997	Pyrene	380	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-01-6	1/23/1997	1,1,1-Trichloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-01-6	1/23/1997	1,1,2,2-Tetrachloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-01-6	1/23/1997	1,1,2-Trichloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-01-6	1/23/1997	1,1-Dichloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-01-6	1/23/1997	1,1-Dichloroethene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-01-6	1/23/1997	1,2,4-Trichlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-01-6	1/23/1997	1,2-Dichlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-01-6	1/23/1997	1,2-Dichloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-01-6	1/23/1997	1,2-Dichloropropane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-01-6	1/23/1997	1,3-Dichlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-01-6	1/23/1997	1,4-Dichlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-01-6	1/23/1997	2,4,5-Trichlorophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-6	1/23/1997	2,4,6-Trichlorophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-01-6	1/23/1997	2,4-Dichlorophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-01-6	1/23/1997	2,4-Dimethylphenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-01-6	1/23/1997	2,4-Dinitrophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-01-6	1/23/1997	2,4-Dinitrotoluene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-01-6	1/23/1997	2,6-Dinitrotoluene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-01-6	1/23/1997	2-Chloronaphthalene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-01-6	1/23/1997	2-Chlorophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-01-6	1/23/1997	2-Hexanone	25	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-01-6	1/23/1997	2-Methylnaphthalene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-01-6	1/23/1997	2-Methylphenol (O-Cresol)	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-6	1/23/1997	2-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-01-6	1/23/1997	2-Nitrophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-01-6	1/23/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-01-6	1/23/1997	3-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-01-6	1/23/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-01-6	1/23/1997	4-Bromophenyl Phenyl Ether	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-01-6	1/23/1997	4-Chloro-3-Methylphenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-6	1/23/1997	4-Chloroaniline	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-01-6	1/23/1997	4-Chlorophenyl Phenyl Ether	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-01-6	1/23/1997	4-Methylphenol (P-Cresol)	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-6	1/23/1997	4-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-01-6	1/23/1997	4-Nitrophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-01-6	1/23/1997	Acenaphthene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-01-6	1/23/1997	Acenaphthylene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-01-6	1/23/1997	Acetone	25	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-01-6	1/23/1997	Anthracene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-01-6	1/23/1997	Arsenic	2.5	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-01-6	1/23/1997	Barium	25	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-01-6	1/23/1997	Benzene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-01-6	1/23/1997	Benzo(A)Anthracene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-01-6	1/23/1997	Benzo(B)Fluoranthene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-01-6	1/23/1997	Benzo(G,H,I)Perylene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-01-6	1/23/1997	Benzo(K)Fluoranthene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-01-6	1/23/1997	Benzo[A]Pyrene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-01-6	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-01-6	1/23/1997	Bis(2-Chloroethoxy)Methane	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-01-6	1/23/1997	Bis(2-Chloroethyl)Ether	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-01-6	1/23/1997	Bis(2-Ethylhexyl)Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-01-6	1/23/1997	Bromodichloromethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-01-6	1/23/1997	Bromoform	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-01-6	1/23/1997	Butyl Benzyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-01-6	1/23/1997	Cadmium	0.5	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-01-6	1/23/1997	Carbazole	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-01-6	1/23/1997	Carbon Disulfide	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-01-6	1/23/1997	Carbon Tetrachloride	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-01-6	1/23/1997	Chlorobenzene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-01-6	1/23/1997	Chlorodibromomethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-01-6	1/23/1997	Chloroform	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-01-6	1/23/1997	Chromium	7.4	MG/KG				Y	4-6 Feet	FS	Other Solid	Site Background	42.7
AOC107-01-6	1/23/1997	Chrysene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-01-6	1/23/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-01-6	1/23/1997	cis-1,3-Dichloropropene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-01-6	1/23/1997	Dibenz(A,H)Anthracene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-01-6	1/23/1997	Dibenzofuran	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-01-6	1/23/1997	Diethyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-01-6	1/23/1997	Dimethyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-01-6	1/23/1997	Di-N-Butyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-01-6	1/23/1997	Ethyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-01-6	1/23/1997	Ethylbenzene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-01-6	1/23/1997	Fluoranthene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-01-6	1/23/1997	Fluorene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-01-6	1/23/1997	Hexachlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-01-6	1/23/1997	Hexachlorobutadiene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-01-6	1/23/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-01-6	1/23/1997	Hexachloroethane	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-01-6	1/23/1997	Indeno (1,2,3-CD) Pyrene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-01-6	1/23/1997	Isophorone	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-01-6	1/23/1997	Lead	6.3	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-01-6	1/23/1997	Mercury	0.12	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-01-6	1/23/1997	Methyl Bromide	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-01-6	1/23/1997	Methyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-01-6	1/23/1997	Methyl Ethyl Ketone	25	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-01-6	1/23/1997	Methyl Isobutyl Ketone	25	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-01-6	1/23/1997	Methylene Chloride	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-01-6	1/23/1997	Naphthalene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-01-6	1/23/1997	N-Dioctyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-01-6	1/23/1997	Nitrobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-01-6	1/23/1997	N-Nitrosodi-N-Propylamine	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-01-6	1/23/1997	N-Nitrosodiphenylamine	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-01-6	1/23/1997	Pentachlorophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-01-6	1/23/1997	Phenanthrene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-01-6	1/23/1997	Phenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-01-6	1/23/1997	Pyrene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-01-6	1/23/1997	Selenium	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-01-6	1/23/1997	Silver	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-01-6	1/23/1997	Styrene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-01-6	1/23/1997	Tetrachloroethene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-01-6	1/23/1997	Toluene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-01-6	1/23/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-01-6	1/23/1997	trans-1,3-Dichloropropene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-01-6	1/23/1997	Trichloroethene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-01-6	1/23/1997	Vinyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-01-6	1/23/1997	Xylenes	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC107-02-6	1/22/1997	1,1,1-Trichloroethane	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-02-6	1/22/1997	1,1,2,2-Tetrachloroethane	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-02-6	1/22/1997	1,1,2-Trichloroethane	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-02-6	1/22/1997	1,1-Dichloroethane	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-02-6	1/22/1997	1,1-Dichloroethene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-02-6	1/22/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-02-6	1/22/1997	1,2-Dichlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-02-6	1/22/1997	1,2-Dichloroethane	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-02-6	1/22/1997	1,2-Dichloropropane	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-02-6	1/22/1997	1,3-Dichlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-02-6	1/22/1997	1,4-Dichlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-02-6	1/22/1997	2,4,5-Trichlorophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-6	1/22/1997	2,4,6-Trichlorophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-02-6	1/22/1997	2,4-Dichlorophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-02-6	1/22/1997	2,4-Dimethylphenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-02-6	1/22/1997	2,4-Dinitrophenol	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-02-6	1/22/1997	2,4-Dinitrotoluene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-02-6	1/22/1997	2,6-Dinitrotoluene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-02-6	1/22/1997	2-Chloronaphthalene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-02-6	1/22/1997	2-Chlorophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-02-6	1/22/1997	2-Hexanone	24	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-02-6	1/22/1997	2-Methylnaphthalene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-02-6	1/22/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-6	1/22/1997	2-Nitroaniline	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-02-6	1/22/1997	2-Nitrophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-02-6	1/22/1997	3,3'-Dichlorobenzidine	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-02-6	1/22/1997	3-Nitroaniline	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-02-6	1/22/1997	4,6-Dinitro-2-Methylphenol	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-02-6	1/22/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-02-6	1/22/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-6	1/22/1997	4-Chloroaniline	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-02-6	1/22/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-02-6	1/22/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-02-6	1/22/1997	4-Nitroaniline	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-02-6	1/22/1997	4-Nitrophenol	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-02-6	1/22/1997	Acenaphthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-02-6	1/22/1997	Acenaphthylene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-02-6	1/22/1997	Acetone	24	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-02-6	1/22/1997	Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-02-6	1/22/1997	Arsenic	2.9	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-02-6	1/22/1997	Barium	24	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-02-6	1/22/1997	Benzene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-02-6	1/22/1997	Benzo(A)Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-02-6	1/22/1997	Benzo(B)Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-02-6	1/22/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-02-6	1/22/1997	Benzo(K)Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-02-6	1/22/1997	Benzo[A]Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-02-6	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-02-6	1/22/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-02-6	1/22/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-02-6	1/22/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-02-6	1/22/1997	Bromodichloromethane	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-02-6	1/22/1997	Bromoform	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-02-6	1/22/1997	Butyl Benzyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-02-6	1/22/1997	Cadmium	0.48	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-02-6	1/22/1997	Carbazole	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-02-6	1/22/1997	Carbon Disulfide	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-02-6	1/22/1997	Carbon Tetrachloride	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-02-6	1/22/1997	Chlorobenzene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-02-6	1/22/1997	Chlorodibromomethane	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-02-6	1/22/1997	Chloroform	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-02-6	1/22/1997	Chromium	11.5	MG/KG				Y	4-6 Feet	FS	Other Solid	Site Background	42.7
AOC107-02-6	1/22/1997	Chrysene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-02-6	1/22/1997	cis-1,2 Dichloroethene	3	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-02-6	1/22/1997	cis-1,3-Dichloropropene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-02-6	1/22/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-02-6	1/22/1997	Dibenzofuran	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-02-6	1/22/1997	Diethyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-02-6	1/22/1997	Dimethyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-02-6	1/22/1997	Di-N-Butyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-02-6	1/22/1997	Ethyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-02-6	1/22/1997	Ethylbenzene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-02-6	1/22/1997	Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-02-6	1/22/1997	Fluorene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-02-6	1/22/1997	Hexachlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-02-6	1/22/1997	Hexachlorobutadiene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-02-6	1/22/1997	Hexachlorocyclopentadiene	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-02-6	1/22/1997	Hexachloroethane	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-02-6	1/22/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-02-6	1/22/1997	Isophorone	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-02-6	1/22/1997	Lead	5.5	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-02-6	1/22/1997	Mercury	0.12	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-02-6	1/22/1997	Methyl Bromide	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-02-6	1/22/1997	Methyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-02-6	1/22/1997	Methyl Ethyl Ketone	24	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-02-6	1/22/1997	Methyl Isobutyl Ketone	24	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-02-6	1/22/1997	Methylene Chloride	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-02-6	1/22/1997	Naphthalene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-02-6	1/22/1997	N-Dioctyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-02-6	1/22/1997	Nitrobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-02-6	1/22/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-02-6	1/22/1997	N-Nitrosodiphenylamine	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-02-6	1/22/1997	Pentachlorophenol	1900	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-02-6	1/22/1997	Phenanthrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-02-6	1/22/1997	Phenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-02-6	1/22/1997	Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-02-6	1/22/1997	Selenium	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-02-6	1/22/1997	Silver	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-02-6	1/22/1997	Styrene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-02-6	1/22/1997	Tetrachloroethene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-02-6	1/22/1997	Toluene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-02-6	1/22/1997	trans-1,2-Dichloroethene	3	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-02-6	1/22/1997	trans-1,3-Dichloropropene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-02-6	1/22/1997	Trichloroethene	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-02-6	1/22/1997	Vinyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-02-6	1/22/1997	Xylenes	6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC107-03-6	1/22/1997	1,1,1-Trichloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-03-6	1/22/1997	1,1,2,2-Tetrachloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-03-6	1/22/1997	1,1,2-Trichloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-03-6	1/22/1997	1,1-Dichloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-03-6	1/22/1997	1,1-Dichloroethene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-03-6	1/22/1997	1,2,4-Trichlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-03-6	1/22/1997	1,2-Dichlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-03-6	1/22/1997	1,2-Dichloroethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-03-6	1/22/1997	1,2-Dichloropropane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-03-6	1/22/1997	1,3-Dichlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-03-6	1/22/1997	1,4-Dichlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-03-6	1/22/1997	2,4,5-Trichlorophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-6	1/22/1997	2,4,6-Trichlorophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-03-6	1/22/1997	2,4-Dichlorophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-03-6	1/22/1997	2,4-Dimethylphenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-03-6	1/22/1997	2,4-Dinitrophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-03-6	1/22/1997	2,4-Dinitrotoluene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-03-6	1/22/1997	2,6-Dinitrotoluene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-03-6	1/22/1997	2-Chloronaphthalene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-03-6	1/22/1997	2-Chlorophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-03-6	1/22/1997	2-Hexanone	25	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-03-6	1/22/1997	2-Methylnaphthalene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-03-6	1/22/1997	2-Methylphenol (O-Cresol)	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-6	1/22/1997	2-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-03-6	1/22/1997	2-Nitrophenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-03-6	1/22/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-03-6	1/22/1997	3-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-03-6	1/22/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-03-6	1/22/1997	4-Bromophenyl Phenyl Ether	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-03-6	1/22/1997	4-Chloro-3-Methylphenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-6	1/22/1997	4-Chloroaniline	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-03-6	1/22/1997	4-Chlorophenyl Phenyl Ether	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-03-6	1/22/1997	4-Methylphenol (P-Cresol)	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-6	1/22/1997	4-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-03-6	1/22/1997	4-Nitrophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-03-6	1/22/1997	Acenaphthene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-03-6	1/22/1997	Acenaphthylene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-03-6	1/22/1997	Acetone	25	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-03-6	1/22/1997	Anthracene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-03-6	1/22/1997	Arsenic	2.5	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-03-6	1/22/1997	Barium	25	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-03-6	1/22/1997	Benzene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-03-6	1/22/1997	Benzo(A)Anthracene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-03-6	1/22/1997	Benzo(B)Fluoranthene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-03-6	1/22/1997	Benzo(G,H,I)Perylene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-03-6	1/22/1997	Benzo(K)Fluoranthene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-03-6	1/22/1997	Benzo[A]Pyrene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-03-6	1/22/1997	Bis(2-Chloro-1-Methylethyl) Ether	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-03-6	1/22/1997	Bis(2-Chloroethoxy)Methane	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-03-6	1/22/1997	Bis(2-Chloroethyl)Ether	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-03-6	1/22/1997	Bis(2-Ethylhexyl)Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-03-6	1/22/1997	Bromodichloromethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-03-6	1/22/1997	Bromoform	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-03-6	1/22/1997	Butyl Benzyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-03-6	1/22/1997	Cadmium	0.5	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-03-6	1/22/1997	Carbazole	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-03-6	1/22/1997	Carbon Disulfide	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-03-6	1/22/1997	Carbon Tetrachloride	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-03-6	1/22/1997	Chlorobenzene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-03-6	1/22/1997	Chlorodibromomethane	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-03-6	1/22/1997	Chloroform	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-03-6	1/22/1997	Chromium	9.3	MG/KG				Y	4-6 Feet	FS	Other Solid	Site Background	42.7
AOC107-03-6	1/22/1997	Chrysene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-03-6	1/22/1997	cis-1,2 Dichloroethene	3.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-03-6	1/22/1997	cis-1,3-Dichloropropene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-03-6	1/22/1997	Dibenz(A,H)Anthracene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-03-6	1/22/1997	Dibenzofuran	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-03-6	1/22/1997	Diethyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-03-6	1/22/1997	Dimethyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-03-6	1/22/1997	Di-N-Butyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-03-6	1/22/1997	Ethyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-03-6	1/22/1997	Ethylbenzene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-03-6	1/22/1997	Fluoranthene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-03-6	1/22/1997	Fluorene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-03-6	1/22/1997	Hexachlorobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-03-6	1/22/1997	Hexachlorobutadiene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-03-6	1/22/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-03-6	1/22/1997	Hexachloroethane	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-03-6	1/22/1997	Indeno (1,2,3-CD) Pyrene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-03-6	1/22/1997	Isophorone	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-03-6	1/22/1997	Lead	5.6	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-03-6	1/22/1997	Mercury	0.12	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-03-6	1/22/1997	Methyl Bromide	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-03-6	1/22/1997	Methyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-03-6	1/22/1997	Methyl Ethyl Ketone	25	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-03-6	1/22/1997	Methyl Isobutyl Ketone	25	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-03-6	1/22/1997	Methylene Chloride	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-03-6	1/22/1997	Naphthalene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-03-6	1/22/1997	N-Dioctyl Phthalate	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-03-6	1/22/1997	Nitrobenzene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-03-6	1/22/1997	N-Nitrosodi-N-Propylamine	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-03-6	1/22/1997	N-Nitrosodiphenylamine	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-03-6	1/22/1997	Pentachlorophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-03-6	1/22/1997	Phenanthrene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-03-6	1/22/1997	Phenol	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-03-6	1/22/1997	Pyrene	410	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-03-6	1/22/1997	Selenium	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-03-6	1/22/1997	Silver	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-03-6	1/22/1997	Styrene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-03-6	1/22/1997	Tetrachloroethene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-03-6	1/22/1997	Toluene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-03-6	1/22/1997	trans-1,2-Dichloroethene	3.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-03-6	1/22/1997	trans-1,3-Dichloropropene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-03-6	1/22/1997	Trichloroethene	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-03-6	1/22/1997	Vinyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-03-6	1/22/1997	Xylenes	6.2	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC10703-S2	9/27/2013	Antimony	0.895	MG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
AOC10703-S2	9/27/2013	Arsenic	2.66	MG/KG		J	Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC10703-S2	9/27/2013	Barium	7.36	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC10703-S2	9/27/2013	Benzo(A)Anthracene	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-S2	9/27/2013	Benzo(B)Fluoranthene	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-S2	9/27/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
AOC10703-S2	9/27/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
AOC10703-S2	9/27/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-S2	9/27/2013	Beryllium	0.081	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
AOC10703-S2	9/27/2013	Cadmium	0.0919	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC10703-S2	9/27/2013	Chromium	12.1	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
AOC10703-S2	9/27/2013	Chrysene	7	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
AOC10703-S2	9/27/2013	Cobalt	0.316	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
AOC10703-S2	9/27/2013	Copper	0.365	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
AOC10703-S2	9/27/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
AOC10703-S2	9/27/2013	Fluoranthene	7	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-S2	9/27/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC10703-S2	9/27/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
AOC10703-S2	9/27/2013	Lead	6.45	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC10703-S2	9/27/2013	Mercury	0.0464	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC10703-S2	9/27/2013	Naphthalene	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
AOC10703-S2	9/27/2013	Nickel	0.832	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
AOC10703-S2	9/27/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
AOC10703-S2	9/27/2013	Phenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC10703-S2	9/27/2013	Pyrene	10	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC10703-S2	9/27/2013	Selenium	0.225	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC10703-S2	9/27/2013	Silver	0.206	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC10703-S2	9/27/2013	Thallium	0.0656	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
AOC10703-S2	9/27/2013	Tin	2.01	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
AOC10703-S2	9/27/2013	Vanadium	23.2	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC10703-S2	9/27/2013	Zinc	2.84	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
AOC107-04-6	1/23/1997	1,1,1-Trichloroethane	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05
AOC107-04-6	1/23/1997	1,1,2,2-Tetrachloroethane	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-04-6	1/23/1997	1,1,2-Trichloroethane	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-04-6	1/23/1997	1,1-Dichloroethane	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-04-6	1/23/1997	1,1-Dichloroethene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-04-6	1/23/1997	1,2,4-Trichlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-04-6	1/23/1997	1,2-Dichlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-04-6	1/23/1997	1,2-Dichloroethane	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-04-6	1/23/1997	1,2-Dichloropropane	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-04-6	1/23/1997	1,3-Dichlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-04-6	1/23/1997	1,4-Dichlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-04-6	1/23/1997	2,4,5-Trichlorophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-6	1/23/1997	2,4,6-Trichlorophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-04-6	1/23/1997	2,4-Dichlorophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-04-6	1/23/1997	2,4-Dimethylphenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-04-6	1/23/1997	2,4-Dinitrophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-04-6	1/23/1997	2,4-Dinitrotoluene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-04-6	1/23/1997	2,6-Dinitrotoluene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-04-6	1/23/1997	2-Chloronaphthalene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-04-6	1/23/1997	2-Chlorophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-04-6	1/23/1997	2-Hexanone	24	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-04-6	1/23/1997	2-Methylnaphthalene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-04-6	1/23/1997	2-Methylphenol (O-Cresol)	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-6	1/23/1997	2-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-04-6	1/23/1997	2-Nitrophenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-04-6	1/23/1997	3,3'-Dichlorobenzidine	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-04-6	1/23/1997	3-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-04-6	1/23/1997	4,6-Dinitro-2-Methylphenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-04-6	1/23/1997	4-Bromophenyl Phenyl Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-04-6	1/23/1997	4-Chloro-3-Methylphenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-6	1/23/1997	4-Chloroaniline	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-04-6	1/23/1997	4-Chlorophenyl Phenyl Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-04-6	1/23/1997	4-Methylphenol (P-Cresol)	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-6	1/23/1997	4-Nitroaniline	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-04-6	1/23/1997	4-Nitrophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-04-6	1/23/1997	Acenaphthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-04-6	1/23/1997	Acenaphthylene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-04-6	1/23/1997	Acetone	24	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-04-6	1/23/1997	Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-04-6	1/23/1997	Arsenic	2.4	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-04-6	1/23/1997	Barium	24.4	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-04-6	1/23/1997	Benzene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-04-6	1/23/1997	Benzo(A)Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-04-6	1/23/1997	Benzo(B)Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-04-6	1/23/1997	Benzo(G,H,I)Perylene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-04-6	1/23/1997	Benzo(K)Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-04-6	1/23/1997	Benzo[A]Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-04-6	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-04-6	1/23/1997	Bis(2-Chloroethoxy)Methane	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-04-6	1/23/1997	Bis(2-Chloroethyl)Ether	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-04-6	1/23/1997	Bis(2-Ethylhexyl)Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-04-6	1/23/1997	Bromodichloromethane	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-04-6	1/23/1997	Bromoform	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-04-6	1/23/1997	Butyl Benzyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-04-6	1/23/1997	Cadmium	0.49	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-04-6	1/23/1997	Carbazole	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-04-6	1/23/1997	Carbon Disulfide	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-04-6	1/23/1997	Carbon Tetrachloride	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-04-6	1/23/1997	Chlorobenzene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-04-6	1/23/1997	Chlorodibromomethane	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-04-6	1/23/1997	Chloroform	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-04-6	1/23/1997	Chromium	8	MG/KG				Y	4-6 Feet	FS	Other Solid	Site Background	42.7
AOC107-04-6	1/23/1997	Chrysene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-04-6	1/23/1997	cis-1,2 Dichloroethene	3	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-04-6	1/23/1997	cis-1,3-Dichloropropene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-04-6	1/23/1997	Dibenz(A,H)Anthracene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-04-6	1/23/1997	Dibenzofuran	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-04-6	1/23/1997	Diethyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-04-6	1/23/1997	Dimethyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-04-6	1/23/1997	Di-N-Butyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-04-6	1/23/1997	Ethyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-04-6	1/23/1997	Ethylbenzene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-04-6	1/23/1997	Fluoranthene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-04-6	1/23/1997	Fluorene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-04-6	1/23/1997	Hexachlorobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-04-6	1/23/1997	Hexachlorobutadiene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-04-6	1/23/1997	Hexachlorocyclopentadiene	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-04-6	1/23/1997	Hexachloroethane	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-04-6	1/23/1997	Indeno (1,2,3-CD) Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-04-6	1/23/1997	Isophorone	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-04-6	1/23/1997	Lead	5.5	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-04-6	1/23/1997	Mercury	0.12	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-04-6	1/23/1997	Methyl Bromide	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-04-6	1/23/1997	Methyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-04-6	1/23/1997	Methyl Ethyl Ketone	24	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-04-6	1/23/1997	Methyl Isobutyl Ketone	24	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-04-6	1/23/1997	Methylene Chloride	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-04-6	1/23/1997	Naphthalene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-04-6	1/23/1997	N-Dioctyl Phthalate	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-04-6	1/23/1997	Nitrobenzene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-04-6	1/23/1997	N-Nitrosodi-N-Propylamine	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-04-6	1/23/1997	N-Nitrosodiphenylamine	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-04-6	1/23/1997	Pentachlorophenol	2000	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-04-6	1/23/1997	Phenanthrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-04-6	1/23/1997	Phenol	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-04-6	1/23/1997	Pyrene	400	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-04-6	1/23/1997	Selenium	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-04-6	1/23/1997	Silver	1.2	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-04-6	1/23/1997	Styrene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-04-6	1/23/1997	Tetrachloroethene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-04-6	1/23/1997	Toluene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-04-6	1/23/1997	trans-1,2-Dichloroethene	3	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-04-6	1/23/1997	trans-1,3-Dichloropropene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-04-6	1/23/1997	Trichloroethene	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-04-6	1/23/1997	Vinyl Chloride	12	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-04-6	1/23/1997	Xylenes	6.1	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
AOC107-05-6	1/23/1997	1,1,1-Trichloroethane	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.40E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-05-6	1/23/1997	1,1,2,2-Tetrachloroethane	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2800
AOC107-05-6	1/23/1997	1,1,2-Trichloroethane	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-05-6	1/23/1997	1,1-Dichloroethane	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	17000
AOC107-05-6	1/23/1997	1,1-Dichloroethene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.20E+05
AOC107-05-6	1/23/1997	1,2,4-Trichlorobenzene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	54000
AOC107-05-6	1/23/1997	1,2-Dichlorobenzene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+05
AOC107-05-6	1/23/1997	1,2-Dichloroethane	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-05-6	1/23/1997	1,2-Dichloropropane	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4700
AOC107-05-6	1/23/1997	1,3-Dichlorobenzene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-05-6	1/23/1997	1,4-Dichlorobenzene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	12000
AOC107-05-6	1/23/1997	2,4,5-Trichlorophenol	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-6	1/23/1997	2,4,6-Trichlorophenol	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-05-6	1/23/1997	2,4-Dichlorophenol	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-05-6	1/23/1997	2,4-Dimethylphenol	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+06
AOC107-05-6	1/23/1997	2,4-Dinitrophenol	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+05
AOC107-05-6	1/23/1997	2,4-Dinitrotoluene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5500
AOC107-05-6	1/23/1997	2,6-Dinitrotoluene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1200
AOC107-05-6	1/23/1997	2-Chloronaphthalene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+05
AOC107-05-6	1/23/1997	2-Chlorophenol	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+06
AOC107-05-6	1/23/1997	2-Hexanone	26	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-05-6	1/23/1997	2-Methylnaphthalene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.70E+05
AOC107-05-6	1/23/1997	2-Methylphenol (O-Cresol)	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-6	1/23/1997	2-Nitroaniline	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-05-6	1/23/1997	2-Nitrophenol	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2400
AOC107-05-6	1/23/1997	3,3'-Dichlorobenzidine	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3800
AOC107-05-6	1/23/1997	3-Nitroaniline	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-05-6	1/23/1997	4,6-Dinitro-2-Methylphenol	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9800
AOC107-05-6	1/23/1997	4-Bromophenyl Phenyl Ether	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2200
AOC107-05-6	1/23/1997	4-Chloro-3-Methylphenol	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-6	1/23/1997	4-Chloroaniline	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8600
AOC107-05-6	1/23/1997	4-Chlorophenyl Phenyl Ether	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-05-6	1/23/1997	4-Methylphenol (P-Cresol)	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-6	1/23/1997	4-Nitroaniline	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	86000
AOC107-05-6	1/23/1997	4-Nitrophenol	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-05-6	1/23/1997	Acenaphthene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6.60E+06
AOC107-05-6	1/23/1997	Acenaphthylene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6600000
AOC107-05-6	1/23/1997	Acetone	26	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+08
AOC107-05-6	1/23/1997	Anthracene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-05-6	1/23/1997	Arsenic	10.7	MG/KG			Y	Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.40E+00
AOC107-05-6	1/23/1997	Barium	290	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.80E+07
AOC107-05-6	1/23/1997	Benzene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	5400
AOC107-05-6	1/23/1997	Benzo(A)Anthracene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-05-6	1/23/1997	Benzo(B)Fluoranthene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-05-6	1/23/1997	Benzo(G,H,I)Perylene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3400000
AOC107-05-6	1/23/1997	Benzo(K)Fluoranthene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	21000
AOC107-05-6	1/23/1997	Benzo[A]Pyrene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-05-6	1/23/1997	Bis(2-Chloro-1-Methylethyl) Ether	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-05-6	1/23/1997	Bis(2-Chloroethoxy)Methane	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+05
AOC107-05-6	1/23/1997	Bis(2-Chloroethyl)Ether	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1000
AOC107-05-6	1/23/1997	Bis(2-Ethylhexyl)Phthalate	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	120000
AOC107-05-6	1/23/1997	Bromodichloromethane	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1400
AOC107-05-6	1/23/1997	Bromoform	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	220000
AOC107-05-6	1/23/1997	Butyl Benzyl Phthalate	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	910000
AOC107-05-6	1/23/1997	Cadmium	1.1	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.60E+02
AOC107-05-6	1/23/1997	Carbazole	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4400000
AOC107-05-6	1/23/1997	Carbon Disulfide	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
AOC107-05-6	1/23/1997	Carbon Tetrachloride	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3000
AOC107-05-6	1/23/1997	Chlorobenzene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+05
AOC107-05-6	1/23/1997	Chlorodibromomethane	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3300
AOC107-05-6	1/23/1997	Chloroform	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1500
AOC107-05-6	1/23/1997	Chromium	15.1	MG/KG				Y	4-6 Feet	FS	Other Solid	Site Background	42.7
AOC107-05-6	1/23/1997	Chrysene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210000
AOC107-05-6	1/23/1997	cis-1,2 Dichloroethene	3.3	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.00E+05
AOC107-05-6	1/23/1997	cis-1,3-Dichloropropene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-05-6	1/23/1997	Dibenz(A,H)Anthracene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	210
AOC107-05-6	1/23/1997	Dibenzofuran	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.70E+05
AOC107-05-6	1/23/1997	Diethyl Phthalate	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	9.80E+07
AOC107-05-6	1/23/1997	Dimethyl Phthalate	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	98000000
AOC107-05-6	1/23/1997	Di-N-Butyl Phthalate	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+07
AOC107-05-6	1/23/1997	Ethyl Chloride	13	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.10E+06
AOC107-05-6	1/23/1997	Ethylbenzene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	27000
AOC107-05-6	1/23/1997	Fluoranthene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-05-6	1/23/1997	Fluorene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4.40E+06
AOC107-05-6	1/23/1997	Hexachlorobenzene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1100
AOC107-05-6	1/23/1997	Hexachlorobutadiene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	22000
AOC107-05-6	1/23/1997	Hexachlorocyclopentadiene	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	7.40E+05
AOC107-05-6	1/23/1997	Hexachloroethane	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	43000
AOC107-05-6	1/23/1997	Indeno (1,2,3-CD) Pyrene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2100
AOC107-05-6	1/23/1997	Isophorone	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.80E+06
AOC107-05-6	1/23/1997	Lead	5.3	MG/KG				Y	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.00E+02
AOC107-05-6	1/23/1997	Mercury	0.13	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.10E+00
AOC107-05-6	1/23/1997	Methyl Bromide	13	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	6400
AOC107-05-6	1/23/1997	Methyl Chloride	13	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	100000
AOC107-05-6	1/23/1997	Methyl Ethyl Ketone	26	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.80E+07
AOC107-05-6	1/23/1997	Methyl Isobutyl Ketone	26	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+07
AOC107-05-6	1/23/1997	Methylene Chloride	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	620000
AOC107-05-6	1/23/1997	Naphthalene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	18000
AOC107-05-6	1/23/1997	N-Dioctyl Phthalate	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.20E+06
AOC107-05-6	1/23/1997	Nitrobenzene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	24000
AOC107-05-6	1/23/1997	N-Nitrosodi-N-Propylamine	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	250
AOC107-05-6	1/23/1997	N-Nitrosodiphenylamine	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	350000
AOC107-05-6	1/23/1997	Pentachlorophenol	2100	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2700
AOC107-05-6	1/23/1997	Phenanthrene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	34000000
AOC107-05-6	1/23/1997	Phenol	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.60E+07
AOC107-05-6	1/23/1997	Pyrene	440	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	3.40E+06
AOC107-05-6	1/23/1997	Selenium	2.6	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-05-6	1/23/1997	Silver	2.6	MG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1.00E+03
AOC107-05-6	1/23/1997	Styrene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.70E+05
AOC107-05-6	1/23/1997	Tetrachloroethene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	82000
AOC107-05-6	1/23/1997	Toluene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8.20E+05
AOC107-05-6	1/23/1997	trans-1,2-Dichloroethene	3.3	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	140000
AOC107-05-6	1/23/1997	trans-1,3-Dichloropropene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	8300
AOC107-05-6	1/23/1997	Trichloroethene	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	4000
AOC107-05-6	1/23/1997	Vinyl Chloride	13	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	1700
AOC107-05-6	1/23/1997	Xylenes	6.6	UG/KG				N	4-6 Feet	FS	Other Solid	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DS-1	7/3/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
DS-1	7/3/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DS-1	7/3/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DS-1	7/3/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DS-1	7/3/2008	1,1-Dichloroethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DS-1	7/3/2008	1,1-Dichloroethene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DS-1	7/3/2008	1,1-Dichloropropene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DS-1	7/3/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DS-1	7/3/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DS-1	7/3/2008	1,2,4,5-Tetrachlorobenzene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DS-1	7/3/2008	1,2,4-Trichlorobenzene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DS-1	7/3/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DS-1	7/3/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DS-1	7/3/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DS-1	7/3/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DS-1	7/3/2008	1,2-Dichlorobenzene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DS-1	7/3/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DS-1	7/3/2008	1,2-Dichloroethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DS-1	7/3/2008	1,2-Dichloropropane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DS-1	7/3/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DS-1	7/3/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
DS-1	7/3/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DS-1	7/3/2008	1,3-Dichlorobenzene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DS-1	7/3/2008	1,3-Dichloropropane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DS-1	7/3/2008	1,3-Dinitrobenzene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DS-1	7/3/2008	1,4-Dichlorobenzene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DS-1	7/3/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DS-1	7/3/2008	1,4-Dioxane	110	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DS-1	7/3/2008	1,4-Naphthoquinone	920	UG/KG	U	UJ		N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DS-1	7/3/2008	1-Naphthylamine	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DS-1	7/3/2008	2,2-Dichloropropane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DS-1	7/3/2008	2,3,4,6-Tetrachlorophenol	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DS-1	7/3/2008	2,4,5-Trichlorophenol	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DS-1	7/3/2008	2,4,6-Trichlorophenol	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DS-1	7/3/2008	2,4-Dichlorophenol	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DS-1	7/3/2008	2,4-Dimethylphenol	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DS-1	7/3/2008	2,4-Dinitrophenol	740	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DS-1	7/3/2008	2,4-Dinitrotoluene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DS-1	7/3/2008	2,6-Dichlorophenol	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DS-1	7/3/2008	2,6-Dinitrotoluene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DS-1	7/3/2008	2-Acetylaminofluorene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
DS-1	7/3/2008	2-Chloronaphthalene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DS-1	7/3/2008	2-Chlorophenol	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DS-1	7/3/2008	2-Chlorotoluene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DS-1	7/3/2008	2-Methylnaphthalene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DS-1	7/3/2008	2-Methylphenol (O-Cresol)	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DS-1	7/3/2008	2-Naphthylamine	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DS-1	7/3/2008	2-Nitroaniline	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DS-1	7/3/2008	2-Nitrophenol	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DS-1	7/3/2008	2-Picoline	110	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DS-1	7/3/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
DS-1	7/3/2008	3,3'-Dimethylbenzidine	370	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DS-1	7/3/2008	3-Methylcholanthrene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DS-1	7/3/2008	3-Nitroaniline	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DS-1	7/3/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DS-1	7/3/2008	4-Aminobiphenyl	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DS-1	7/3/2008	4-Bromophenyl Phenyl Ether	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DS-1	7/3/2008	4-Chloro-3-Methylphenol	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DS-1	7/3/2008	4-Chloroaniline	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DS-1	7/3/2008	4-Chlorophenyl Phenyl Ether	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DS-1	7/3/2008	4-Chlorotoluene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
DS-1	7/3/2008	4-Dimethylaminoazobenzene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DS-1	7/3/2008	4-Isopropyltoluene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DS-1	7/3/2008	4-Methylphenol (P-Cresol)	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DS-1	7/3/2008	4-Nitroaniline	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DS-1	7/3/2008	4-Nitrophenol	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DS-1	7/3/2008	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
DS-1	7/3/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DS-1	7/3/2008	7,12-Dimethylbenz[A]Anthracene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DS-1	7/3/2008	Acenaphthene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DS-1	7/3/2008	Acenaphthylene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DS-1	7/3/2008	Acetophenone	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DS-1	7/3/2008	Aniline	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DS-1	7/3/2008	Anthracene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DS-1	7/3/2008	Benzene	0.5	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
DS-1	7/3/2008	Benzo(A)Anthracene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DS-1	7/3/2008	Benzo(B)Fluoranthene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DS-1	7/3/2008	Benzo(G,H,I)Perylene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DS-1	7/3/2008	Benzo(K)Fluoranthene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DS-1	7/3/2008	Benzo[A]Pyrene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DS-1	7/3/2008	Benzyl Alcohol	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DS-1	7/3/2008	Bis(2-Chloroethoxy)Methane	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DS-1	7/3/2008	Bis(2-Chloroethyl)Ether	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DS-1	7/3/2008	Bis(2-Chloroisopropyl)Ether	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DS-1	7/3/2008	Bis(2-Ethylhexyl)Phthalate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DS-1	7/3/2008	Bromobenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DS-1	7/3/2008	Bromochloromethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DS-1	7/3/2008	Bromodichloromethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DS-1	7/3/2008	Bromoform	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DS-1	7/3/2008	Butyl Benzyl Phthalate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DS-1	7/3/2008	Carbon Tetrachloride	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DS-1	7/3/2008	Chlorobenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DS-1	7/3/2008	Chlorobenzilate	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DS-1	7/3/2008	Chlorodibromomethane	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
DS-1	7/3/2008	Chloroform	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DS-1	7/3/2008	Chrysene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DS-1	7/3/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DS-1	7/3/2008	Cumene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DS-1	7/3/2008	Diallate	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
DS-1	7/3/2008	Dibenz(A,H)Anthracene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DS-1	7/3/2008	Dibenzofuran	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DS-1	7/3/2008	Dichlorodifluoromethane	2	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DS-1	7/3/2008	Diethyl Phthalate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
DS-1	7/3/2008	Diisopropyl Ether	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DS-1	7/3/2008	Dimethoate	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DS-1	7/3/2008	Dimethyl Phthalate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DS-1	7/3/2008	Di-N-Butyl Phthalate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DS-1	7/3/2008	Ethyl Chloride	2	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DS-1	7/3/2008	Ethyl Methanesulfonate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DS-1	7/3/2008	Ethylbenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DS-1	7/3/2008	Fluoranthene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DS-1	7/3/2008	Fluorene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DS-1	7/3/2008	Hexachlorobenzene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
DS-1	7/3/2008	Hexachlorobutadiene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DS-1	7/3/2008	Hexachlorobutadiene	2	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DS-1	7/3/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DS-1	7/3/2008	Hexachloroethane	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DS-1	7/3/2008	Hexachloropropylene	110	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DS-1	7/3/2008	Indeno (1,2,3-CD) Pyrene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DS-1	7/3/2008	Isodrin	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DS-1	7/3/2008	Isophorone	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DS-1	7/3/2008	Isosafrole	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DS-1	7/3/2008	Meta- And Para-Xylene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DS-1	7/3/2008	Methapyrilene	1800	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DS-1	7/3/2008	Methyl Bromide	2	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DS-1	7/3/2008	Methyl Chloride	2	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DS-1	7/3/2008	Methyl Methanesulfonate	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DS-1	7/3/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DS-1	7/3/2008	Methylene Bromide	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DS-1	7/3/2008	Methylene Chloride	2	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DS-1	7/3/2008	Naphthalene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DS-1	7/3/2008	Naphthalene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DS-1	7/3/2008	N-Butylbenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DS-1	7/3/2008	N-Dioctyl Phthalate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DS-1	7/3/2008	Nitrobenzene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DS-1	7/3/2008	N-Nitroso(Methyl)Ethylamine	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DS-1	7/3/2008	N-Nitrosodiethylamine	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
DS-1	7/3/2008	N-Nitrosodimethylamine	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DS-1	7/3/2008	N-Nitroso-Di-N-Butylamine	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DS-1	7/3/2008	N-Nitrosodi-N-Propylamine	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DS-1	7/3/2008	N-Nitrosodiphenylamine	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DS-1	7/3/2008	N-Nitrosomorpholine	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DS-1	7/3/2008	N-Nitrosopiperidine	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DS-1	7/3/2008	N-Nitrosopyrrolidine	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DS-1	7/3/2008	N-Propylbenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DS-1	7/3/2008	O,O,O-Triethylphosphorothioate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DS-1	7/3/2008	Ortho-Xylene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
DS-1	7/3/2008	O-Toluidine	220	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DS-1	7/3/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DS-1	7/3/2008	Pentachlorobenzene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DS-1	7/3/2008	Pentachloronitrobenzene	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DS-1	7/3/2008	Pentachlorophenol	180	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DS-1	7/3/2008	Phenacetin	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
DS-1	7/3/2008	Phenanthrene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DS-1	7/3/2008	Phenol	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DS-1	7/3/2008	Pronamide	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DS-1	7/3/2008	Pyrene	37	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
DS-1	7/3/2008	Pyridine	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DS-1	7/3/2008	Safrole	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DS-1	7/3/2008	sec-Butylbenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DS-1	7/3/2008	Styrene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
DS-1	7/3/2008	tert-Butylbenzene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DS-1	7/3/2008	Tetrachloroethene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DS-1	7/3/2008	Tetraethyl Dithiopyrophosphate	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DS-1	7/3/2008	Thionazin	74	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DS-1	7/3/2008	Toluene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DS-1	7/3/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DS-1	7/3/2008	Trichloroethene	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DS-1	7/3/2008	Trichlorofluoromethane	2	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DS-1	7/3/2008	Vinyl Chloride	1	UG/KG	U			N	NA	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
DU-10	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
DU-10	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DU-10	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DU-10	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-10	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-10	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DU-10	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
DU-10	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-10	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DU-10	7/2/2008	1,2,4,5-Tetrachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-10	7/2/2008	1,2,4-Trichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-10	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-10	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DU-10	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DU-10	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DU-10	7/2/2008	1,2-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-10	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-10	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-10	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-10	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-10	7/2/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
DU-10	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-10	7/2/2008	1,3-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-10	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DU-10	7/2/2008	1,3-Dinitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-10	7/2/2008	1,4-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-10	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-10	7/2/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-10	7/2/2008	1,4-Naphthoquinone	950	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DU-10	7/2/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-10	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-10	7/2/2008	2,3,4,6-Tetrachlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DU-10	7/2/2008	2,4,5-Trichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-10	7/2/2008	2,4,6-Trichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-10	7/2/2008	2,4-Dichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-10	7/2/2008	2,4-Dimethylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DU-10	7/2/2008	2,4-Dinitrophenol	760	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DU-10	7/2/2008	2,4-Dinitrotoluene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DU-10	7/2/2008	2,6-Dichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DU-10	7/2/2008	2,6-Dinitrotoluene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-10	7/2/2008	2-Acetylaminofluorene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
DU-10	7/2/2008	2-Chloronaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-10	7/2/2008	2-Chlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-10	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DU-10	7/2/2008	2-Methylnaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DU-10	7/2/2008	2-Methylphenol (O-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-10	7/2/2008	2-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-10	7/2/2008	2-Nitroaniline	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-10	7/2/2008	2-Nitrophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DU-10	7/2/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-10	7/2/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
DU-10	7/2/2008	3,3'-Dimethylbenzidine	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DU-10	7/2/2008	3-Methylcholanthrene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-10	7/2/2008	3-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-10	7/2/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DU-10	7/2/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DU-10	7/2/2008	4-Bromophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-10	7/2/2008	4-Chloro-3-Methylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-10	7/2/2008	4-Chloroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-10	7/2/2008	4-Chlorophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-10	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-10	7/2/2008	4-Dimethylaminoazobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DU-10	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
DU-10	7/2/2008	4-Methylphenol (P-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-10	7/2/2008	4-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DU-10	7/2/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-10	7/2/2008	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
DU-10	7/2/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DU-10	7/2/2008	7,12-Dimethylbenz[A]Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DU-10	7/2/2008	Acenaphthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DU-10	7/2/2008	Acenaphthylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DU-10	7/2/2008	Acetophenone	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DU-10	7/2/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DU-10	7/2/2008	Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DU-10	7/2/2008	Arsenic	2.81	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
DU-10	7/2/2008	Barium	14.4	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
DU-10	7/2/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
DU-10	7/2/2008	Benzo(A)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-10	7/2/2008	Benzo(B)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-10	7/2/2008	Benzo(G,H,I)Perylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DU-10	7/2/2008	Benzo(K)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DU-10	7/2/2008	Benzo[A]Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-10	7/2/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-10	7/2/2008	Bis(2-Chloroethoxy)Methane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-10	7/2/2008	Bis(2-Chloroethyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-10	7/2/2008	Bis(2-Chloroisopropyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-10	7/2/2008	Bis(2-Ethylhexyl)Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-10	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-10	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-10	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-10	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-10	7/2/2008	Butyl Benzyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DU-10	7/2/2008	Cadmium	0.16	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
DU-10	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DU-10	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DU-10	7/2/2008	Chlorobenzilate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DU-10	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
DU-10	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DU-10	7/2/2008	Chromium	15.7	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
DU-10	7/2/2008	Chrysene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DU-10	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DU-10	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DU-10	7/2/2008	Diallate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
DU-10	7/2/2008	Dibenz(A,H)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-10	7/2/2008	Dibenzofuran	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DU-10	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DU-10	7/2/2008	Diethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
DU-10	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DU-10	7/2/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-10	7/2/2008	Dimethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DU-10	7/2/2008	Di-N-Butyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-10	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DU-10	7/2/2008	Ethyl Methanesulfonate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-10	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DU-10	7/2/2008	Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-10	7/2/2008	Fluorene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-10	7/2/2008	Hexachlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-10	7/2/2008	Hexachlorobutadiene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-10	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-10	7/2/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DU-10	7/2/2008	Hexachloroethane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DU-10	7/2/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-10	7/2/2008	Indeno (1,2,3-CD) Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-10	7/2/2008	Isodrin	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DU-10	7/2/2008	Isophorone	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DU-10	7/2/2008	Isosafrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-10	7/2/2008	Lead	6.19	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
DU-10	7/2/2008	Mercury	0.0316	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
DU-10	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DU-10	7/2/2008	Methapyrilene	1900	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-10	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DU-10	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DU-10	7/2/2008	Methyl Methanesulfonate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-10	7/2/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-10	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-10	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-10	7/2/2008	Naphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-10	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-10	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DU-10	7/2/2008	N-Dioctyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-10	7/2/2008	Nitrobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-10	7/2/2008	N-Nitroso(Methyl)Ethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-10	7/2/2008	N-Nitrosodiethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
DU-10	7/2/2008	N-Nitrosodimethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DU-10	7/2/2008	N-Nitroso-Di-N-Butylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DU-10	7/2/2008	N-Nitrosodi-N-Propylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DU-10	7/2/2008	N-Nitrosodiphenylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DU-10	7/2/2008	N-Nitrosomorpholine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DU-10	7/2/2008	N-Nitrosopiperidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DU-10	7/2/2008	N-Nitrosopyrrolidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DU-10	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DU-10	7/2/2008	O,O,O-Triethylphosphorothioate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DU-10	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
DU-10	7/2/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DU-10	7/2/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DU-10	7/2/2008	Pentachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-10	7/2/2008	Pentachloronitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DU-10	7/2/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DU-10	7/2/2008	Phenacetin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
DU-10	7/2/2008	Phenanthrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DU-10	7/2/2008	Phenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DU-10	7/2/2008	Pronamide	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DU-10	7/2/2008	Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
DU-10	7/2/2008	Pyridine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DU-10	7/2/2008	Safrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-10	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-10	7/2/2008	Selenium	1.12	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-10	7/2/2008	Silver	0.194	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-10	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
DU-10	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-10	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DU-10	7/2/2008	Tetraethyl Dithiopyrophosphate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DU-10	7/2/2008	Thionazin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-10	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DU-10	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-10	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DU-10	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DU-10	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
DU-11	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
DU-11	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DU-11	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DU-11	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-11	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-11	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DU-11	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
DU-11	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-11	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DU-11	7/2/2008	1,2,4,5-Tetrachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-11	7/2/2008	1,2,4-Trichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-11	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-11	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DU-11	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DU-11	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DU-11	7/2/2008	1,2-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-11	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-11	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-11	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-11	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-11	7/2/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
DU-11	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-11	7/2/2008	1,3-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-11	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DU-11	7/2/2008	1,3-Dinitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-11	7/2/2008	1,4-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-11	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-11	7/2/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-11	7/2/2008	1,4-Naphthoquinone	940	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DU-11	7/2/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-11	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-11	7/2/2008	2,3,4,6-Tetrachlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DU-11	7/2/2008	2,4,5-Trichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-11	7/2/2008	2,4,6-Trichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-11	7/2/2008	2,4-Dichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-11	7/2/2008	2,4-Dimethylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DU-11	7/2/2008	2,4-Dinitrophenol	760	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DU-11	7/2/2008	2,4-Dinitrotoluene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DU-11	7/2/2008	2,6-Dichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DU-11	7/2/2008	2,6-Dinitrotoluene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-11	7/2/2008	2-Acetylaminofluorene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
DU-11	7/2/2008	2-Chloronaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-11	7/2/2008	2-Chlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-11	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DU-11	7/2/2008	2-Methylnaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DU-11	7/2/2008	2-Methylphenol (O-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-11	7/2/2008	2-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-11	7/2/2008	2-Nitroaniline	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-11	7/2/2008	2-Nitrophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DU-11	7/2/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-11	7/2/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800

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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-11	7/2/2008	3,3'-Dimethylbenzidine	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DU-11	7/2/2008	3-Methylcholanthrene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-11	7/2/2008	3-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-11	7/2/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DU-11	7/2/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DU-11	7/2/2008	4-Bromophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-11	7/2/2008	4-Chloro-3-Methylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-11	7/2/2008	4-Chloroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-11	7/2/2008	4-Chlorophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-11	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
DU-11	7/2/2008	4-Dimethylaminoazobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DU-11	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
DU-11	7/2/2008	4-Methylphenol (P-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-11	7/2/2008	4-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DU-11	7/2/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-11	7/2/2008	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
DU-11	7/2/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DU-11	7/2/2008	7,12-Dimethylbenz[A]Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DU-11	7/2/2008	Acenaphthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DU-11	7/2/2008	Acenaphthylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DU-11	7/2/2008	Acetophenone	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DU-11	7/2/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DU-11	7/2/2008	Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DU-11	7/2/2008	Arsenic	1.35	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
DU-11	7/2/2008	Barium	6.89	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
DU-11	7/2/2008	Benzene	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
DU-11	7/2/2008	Benzo(A)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-11	7/2/2008	Benzo(B)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-11	7/2/2008	Benzo(G,H,I)Perylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DU-11	7/2/2008	Benzo(K)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DU-11	7/2/2008	Benzo[A]Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-11	7/2/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-11	7/2/2008	Bis(2-Chloroethoxy)Methane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-11	7/2/2008	Bis(2-Chloroethyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-11	7/2/2008	Bis(2-Chloroisopropyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-11	7/2/2008	Bis(2-Ethylhexyl)Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-11	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-11	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-11	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-11	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-11	7/2/2008	Butyl Benzyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DU-11	7/2/2008	Cadmium	0.154	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
DU-11	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DU-11	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DU-11	7/2/2008	Chlorobenzilate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DU-11	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
DU-11	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DU-11	7/2/2008	Chromium	5.24	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
DU-11	7/2/2008	Chrysene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DU-11	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DU-11	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DU-11	7/2/2008	Diallate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
DU-11	7/2/2008	Dibenz(A,H)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-11	7/2/2008	Dibenzofuran	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DU-11	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DU-11	7/2/2008	Diethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-11	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DU-11	7/2/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-11	7/2/2008	Dimethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DU-11	7/2/2008	Di-N-Butyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-11	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DU-11	7/2/2008	Ethyl Methanesulfonate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-11	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DU-11	7/2/2008	Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-11	7/2/2008	Fluorene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-11	7/2/2008	Hexachlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
DU-11	7/2/2008	Hexachlorobutadiene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-11	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-11	7/2/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DU-11	7/2/2008	Hexachloroethane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DU-11	7/2/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-11	7/2/2008	Indeno (1,2,3-CD) Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-11	7/2/2008	Isodrin	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DU-11	7/2/2008	Isophorone	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DU-11	7/2/2008	Isosafrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-11	7/2/2008	Lead	2.78	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
DU-11	7/2/2008	Mercury	0.0138	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
DU-11	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DU-11	7/2/2008	Methapyrilene	1900	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-11	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DU-11	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DU-11	7/2/2008	Methyl Methanesulfonate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-11	7/2/2008	Methyl Tertiary Butyl Ether	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-11	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-11	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-11	7/2/2008	Naphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-11	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-11	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DU-11	7/2/2008	N-Dioctyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-11	7/2/2008	Nitrobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-11	7/2/2008	N-Nitroso(Methyl)Ethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-11	7/2/2008	N-Nitrosodiethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
DU-11	7/2/2008	N-Nitrosodimethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DU-11	7/2/2008	N-Nitroso-Di-N-Butylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DU-11	7/2/2008	N-Nitrosodi-N-Propylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DU-11	7/2/2008	N-Nitrosodiphenylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DU-11	7/2/2008	N-Nitrosomorpholine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DU-11	7/2/2008	N-Nitrosopiperidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DU-11	7/2/2008	N-Nitrosopyrrolidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DU-11	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DU-11	7/2/2008	O,O,O-Triethylphosphorothioate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DU-11	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
DU-11	7/2/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DU-11	7/2/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DU-11	7/2/2008	Pentachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-11	7/2/2008	Pentachloronitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DU-11	7/2/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DU-11	7/2/2008	Phenacetin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
DU-11	7/2/2008	Phenanthrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DU-11	7/2/2008	Phenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DU-11	7/2/2008	Pronamide	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DU-11	7/2/2008	Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-11	7/2/2008	Pyridine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DU-11	7/2/2008	Safrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-11	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-11	7/2/2008	Selenium	1.08	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-11	7/2/2008	Silver	0.187	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-11	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
DU-11	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-11	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DU-11	7/2/2008	Tetraethyl Dithiopyrophosphate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DU-11	7/2/2008	Thionazin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-11	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DU-11	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-11	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DU-11	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DU-11	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
DU-2	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
DU-2	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DU-2	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DU-2	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-2	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-2	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DU-2	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
DU-2	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-2	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DU-2	7/2/2008	1,2,4,5-Tetrachlorobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-2	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-2	7/2/2008	1,2,4-Trichlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-2	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DU-2	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DU-2	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DU-2	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-2	7/2/2008	1,2-Dichlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-2	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-2	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-2	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-2	7/2/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
DU-2	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-2	7/2/2008	1,3-Dichlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-2	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DU-2	7/2/2008	1,3-Dinitrobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-2	7/2/2008	1,4-Dichlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-2	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-2	7/2/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-2	7/2/2008	1,4-Naphthoquinone	890	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DU-2	7/2/2008	1-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-2	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-2	7/2/2008	2,3,4,6-Tetrachlorophenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DU-2	7/2/2008	2,4,5-Trichlorophenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-2	7/2/2008	2,4,6-Trichlorophenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-2	7/2/2008	2,4-Dichlorophenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-2	7/2/2008	2,4-Dimethylphenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DU-2	7/2/2008	2,4-Dinitrophenol	710	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DU-2	7/2/2008	2,4-Dinitrotoluene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DU-2	7/2/2008	2,6-Dichlorophenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DU-2	7/2/2008	2,6-Dinitrotoluene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-2	7/2/2008	2-Acetylaminofluorene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-2	7/2/2008	2-Chloronaphthalene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-2	7/2/2008	2-Chlorophenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-2	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DU-2	7/2/2008	2-Methylnaphthalene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DU-2	7/2/2008	2-Methylphenol (O-Cresol)	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-2	7/2/2008	2-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-2	7/2/2008	2-Nitroaniline	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-2	7/2/2008	2-Nitrophenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DU-2	7/2/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-2	7/2/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
DU-2	7/2/2008	3,3'-Dimethylbenzidine	360	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DU-2	7/2/2008	3-Methylcholanthrene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-2	7/2/2008	3-Nitroaniline	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-2	7/2/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DU-2	7/2/2008	4-Aminobiphenyl	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DU-2	7/2/2008	4-Bromophenyl Phenyl Ether	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-2	7/2/2008	4-Chloro-3-Methylphenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-2	7/2/2008	4-Chloroaniline	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-2	7/2/2008	4-Chlorophenyl Phenyl Ether	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-2	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
DU-2	7/2/2008	4-Dimethylaminoazobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DU-2	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
DU-2	7/2/2008	4-Methylphenol (P-Cresol)	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-2	7/2/2008	4-Nitroaniline	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DU-2	7/2/2008	4-Nitrophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-2	7/2/2008	4-Nitroquinoline-N-Oxide	360	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
DU-2	7/2/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DU-2	7/2/2008	7,12-Dimethylbenz[A]Anthracene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DU-2	7/2/2008	Acenaphthene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DU-2	7/2/2008	Acenaphthylene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DU-2	7/2/2008	Acetophenone	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DU-2	7/2/2008	Aniline	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DU-2	7/2/2008	Anthracene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DU-2	7/2/2008	Arsenic	2.27	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
DU-2	7/2/2008	Barium	11.9	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
DU-2	7/2/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
DU-2	7/2/2008	Benzo(A)Anthracene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-2	7/2/2008	Benzo(B)Fluoranthene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-2	7/2/2008	Benzo(G,H,I)Perylene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DU-2	7/2/2008	Benzo(K)Fluoranthene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DU-2	7/2/2008	Benzo[A]Pyrene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-2	7/2/2008	Benzyl Alcohol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-2	7/2/2008	Bis(2-Chloroethoxy)Methane	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-2	7/2/2008	Bis(2-Chloroethyl)Ether	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-2	7/2/2008	Bis(2-Chloroisopropyl)Ether	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-2	7/2/2008	Bis(2-Ethylhexyl)Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-2	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-2	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-2	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-2	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-2	7/2/2008	Butyl Benzyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DU-2	7/2/2008	Cadmium	0.145	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
DU-2	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DU-2	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DU-2	7/2/2008	Chlorobenzilate	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DU-2	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-2	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DU-2	7/2/2008	Chromium	4.69	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
DU-2	7/2/2008	Chrysene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DU-2	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DU-2	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DU-2	7/2/2008	Diallate	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
DU-2	7/2/2008	Dibenz(A,H)Anthracene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-2	7/2/2008	Dibenzofuran	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DU-2	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DU-2	7/2/2008	Diethyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
DU-2	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DU-2	7/2/2008	Dimethoate	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-2	7/2/2008	Dimethyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DU-2	7/2/2008	Di-N-Butyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-2	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DU-2	7/2/2008	Ethyl Methanesulfonate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-2	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DU-2	7/2/2008	Fluoranthene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-2	7/2/2008	Fluorene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-2	7/2/2008	Hexachlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
DU-2	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-2	7/2/2008	Hexachlorobutadiene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-2	7/2/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DU-2	7/2/2008	Hexachloroethane	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DU-2	7/2/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-2	7/2/2008	Indeno (1,2,3-CD) Pyrene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-2	7/2/2008	Isodrin	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DU-2	7/2/2008	Isophorone	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DU-2	7/2/2008	Isosafrole	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-2	7/2/2008	Lead	5.24	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
DU-2	7/2/2008	Mercury	0.0219	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
DU-2	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DU-2	7/2/2008	Methapyrilene	1800	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-2	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DU-2	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DU-2	7/2/2008	Methyl Methanesulfonate	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-2	7/2/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-2	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-2	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-2	7/2/2008	Naphthalene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-2	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-2	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DU-2	7/2/2008	N-Dioctyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-2	7/2/2008	Nitrobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-2	7/2/2008	N-Nitroso(Methyl)Ethylamine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-2	7/2/2008	N-Nitrosodiethylamine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
DU-2	7/2/2008	N-Nitrosodimethylamine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DU-2	7/2/2008	N-Nitroso-Di-N-Butylamine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DU-2	7/2/2008	N-Nitrosodi-N-Propylamine	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DU-2	7/2/2008	N-Nitrosodiphenylamine	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DU-2	7/2/2008	N-Nitrosomorpholine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DU-2	7/2/2008	N-Nitrosopiperidine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DU-2	7/2/2008	N-Nitrosopyrrolidine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DU-2	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DU-2	7/2/2008	O,O,O-Triethylphosphorothioate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DU-2	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-2	7/2/2008	O-Toluidine	210	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DU-2	7/2/2008	para-Phenylenediamine	12000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DU-2	7/2/2008	Pentachlorobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-2	7/2/2008	Pentachloronitrobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DU-2	7/2/2008	Pentachlorophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DU-2	7/2/2008	Phenacetin	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
DU-2	7/2/2008	Phenanthrene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DU-2	7/2/2008	Phenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DU-2	7/2/2008	Pronamide	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DU-2	7/2/2008	Pyrene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
DU-2	7/2/2008	Pyridine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DU-2	7/2/2008	Safrole	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-2	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-2	7/2/2008	Selenium	1.02	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-2	7/2/2008	Silver	0.177	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-2	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
DU-2	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-2	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DU-2	7/2/2008	Tetraethyl Dithiopyrophosphate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DU-2	7/2/2008	Thionazin	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-2	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DU-2	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-2	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DU-2	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DU-2	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
DU-3	6/30/2008	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
DU-3	6/30/2008	1,1,1-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DU-3	6/30/2008	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DU-3	6/30/2008	1,1,2-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-3	6/30/2008	1,1-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-3	6/30/2008	1,1-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DU-3	6/30/2008	1,1-Dichloropropene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
DU-3	6/30/2008	1,2,3-Trichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-3	6/30/2008	1,2,3-Trichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DU-3	6/30/2008	1,2,4,5-Tetrachlorobenzene	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-3	6/30/2008	1,2,4-Trichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-3	6/30/2008	1,2,4-Trichlorobenzene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-3	6/30/2008	1,2,4-Trimethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DU-3	6/30/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DU-3	6/30/2008	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DU-3	6/30/2008	1,2-Dichlorobenzene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-3	6/30/2008	1,2-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-3	6/30/2008	1,2-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-3	6/30/2008	1,2-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-3	6/30/2008	1,3,5-Trimethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-3	6/30/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
DU-3	6/30/2008	1,3-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-3	6/30/2008	1,3-Dichlorobenzene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-3	6/30/2008	1,3-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DU-3	6/30/2008	1,3-Dinitrobenzene	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-3	6/30/2008	1,4-Dichlorobenzene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-3	6/30/2008	1,4-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-3	6/30/2008	1,4-Dioxane	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-3	6/30/2008	1,4-Naphthoquinone	950	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DU-3	6/30/2008	1-Naphthylamine	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-3	6/30/2008	2,2-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-3	6/30/2008	2,3,4,6-Tetrachlorophenol	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DU-3	6/30/2008	2,4,5-Trichlorophenol	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-3	6/30/2008	2,4,6-Trichlorophenol	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-3	6/30/2008	2,4-Dichlorophenol	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-3	6/30/2008	2,4-Dimethylphenol	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DU-3	6/30/2008	2,4-Dinitrophenol	760	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DU-3	6/30/2008	2,4-Dinitrotoluene	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DU-3	6/30/2008	2,6-Dichlorophenol	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DU-3	6/30/2008	2,6-Dinitrotoluene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-3	6/30/2008	2-Acetylaminofluorene	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
DU-3	6/30/2008	2-Chloronaphthalene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-3	6/30/2008	2-Chlorophenol	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-3	6/30/2008	2-Chlorotoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DU-3	6/30/2008	2-Methylnaphthalene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DU-3	6/30/2008	2-Methylphenol (O-Cresol)	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-3	6/30/2008	2-Naphthylamine	190	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-3	6/30/2008	2-Nitroaniline	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-3	6/30/2008	2-Nitrophenol	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DU-3	6/30/2008	2-Picoline	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-3	6/30/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
DU-3	6/30/2008	3,3'-Dimethylbenzidine	380	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DU-3	6/30/2008	3-Methylcholanthrene	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-3	6/30/2008	3-Nitroaniline	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-3	6/30/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DU-3	6/30/2008	4-Aminobiphenyl	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DU-3	6/30/2008	4-Bromophenyl Phenyl Ether	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-3	6/30/2008	4-Chloro-3-Methylphenol	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-3	6/30/2008	4-Chloroaniline	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-3	6/30/2008	4-Chlorophenyl Phenyl Ether	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-3	6/30/2008	4-Chlorotoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
DU-3	6/30/2008	4-Dimethylaminoazobenzene	76	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DU-3	6/30/2008	4-Isopropyltoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
DU-3	6/30/2008	4-Methylphenol (P-Cresol)	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-3	6/30/2008	4-Nitroaniline	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DU-3	6/30/2008	4-Nitrophenol	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-3	6/30/2008	4-Nitroquinoline-N-Oxide	380	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
DU-3	6/30/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DU-3	6/30/2008	7,12-Dimethylbenz[A]Anthracene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DU-3	6/30/2008	Acenaphthene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DU-3	6/30/2008	Acenaphthylene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DU-3	6/30/2008	Acetophenone	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DU-3	6/30/2008	Aniline	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DU-3	6/30/2008	Anthracene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DU-3	6/30/2008	Arsenic	1.53	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
DU-3	6/30/2008	Barium	34	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
DU-3	6/30/2008	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
DU-3	6/30/2008	Benzo(A)Anthracene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-3	6/30/2008	Benzo(B)Fluoranthene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-3	6/30/2008	Benzo(G,H,I)Perylene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DU-3	6/30/2008	Benzo(K)Fluoranthene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DU-3	6/30/2008	Benzo[A]Pyrene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-3	6/30/2008	Benzyl Alcohol	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-3	6/30/2008	Bis(2-Chloroethoxy)Methane	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-3	6/30/2008	Bis(2-Chloroethyl)Ether	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-3	6/30/2008	Bis(2-Chloroisopropyl)Ether	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-3	6/30/2008	Bis(2-Ethylhexyl)Phthalate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-3	6/30/2008	Bromobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-3	6/30/2008	Bromochloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-3	6/30/2008	Bromodichloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-3	6/30/2008	Bromoform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-3	6/30/2008	Butyl Benzyl Phthalate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DU-3	6/30/2008	Cadmium	0.156	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
DU-3	6/30/2008	Carbon Tetrachloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DU-3	6/30/2008	Chlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DU-3	6/30/2008	Chlorobenzilate	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DU-3	6/30/2008	Chlorodibromomethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
DU-3	6/30/2008	Chloroform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DU-3	6/30/2008	Chromium	13	MG/KG				Y	3-5 Feet	FS	Soil	Site Background	42.7
DU-3	6/30/2008	Chrysene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DU-3	6/30/2008	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DU-3	6/30/2008	Cumene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DU-3	6/30/2008	Diallate	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
DU-3	6/30/2008	Dibenz(A,H)Anthracene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-3	6/30/2008	Dibenzofuran	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DU-3	6/30/2008	Dichlorodifluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DU-3	6/30/2008	Diethyl Phthalate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
DU-3	6/30/2008	Diisopropyl Ether	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DU-3	6/30/2008	Dimethoate	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-3	6/30/2008	Dimethyl Phthalate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DU-3	6/30/2008	Di-N-Butyl Phthalate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-3	6/30/2008	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DU-3	6/30/2008	Ethyl Methanesulfonate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-3	6/30/2008	Ethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DU-3	6/30/2008	Fluoranthene	42	UG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-3	6/30/2008	Fluorene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-3	6/30/2008	Hexachlorobenzene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
DU-3	6/30/2008	Hexachlorobutadiene	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-3	6/30/2008	Hexachlorobutadiene	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-3	6/30/2008	Hexachlorocyclopentadiene	190	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DU-3	6/30/2008	Hexachloroethane	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DU-3	6/30/2008	Hexachloropropylene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-3	6/30/2008	Indeno (1,2,3-CD) Pyrene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-3	6/30/2008	Isodrin	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DU-3	6/30/2008	Isophorone	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DU-3	6/30/2008	Isosafrole	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-3	6/30/2008	Lead	6.16	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
DU-3	6/30/2008	Mercury	0.0412	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
DU-3	6/30/2008	Meta- And Para-Xylene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DU-3	6/30/2008	Methapyrilene	1900	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-3	6/30/2008	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DU-3	6/30/2008	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DU-3	6/30/2008	Methyl Methanesulfonate	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-3	6/30/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-3	6/30/2008	Methylene Bromide	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-3	6/30/2008	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-3	6/30/2008	Naphthalene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-3	6/30/2008	Naphthalene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-3	6/30/2008	N-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DU-3	6/30/2008	N-Dioctyl Phthalate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-3	6/30/2008	Nitrobenzene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-3	6/30/2008	N-Nitroso(Methyl)Ethylamine	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-3	6/30/2008	N-Nitrosodiethylamine	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-3	6/30/2008	N-Nitrosodimethylamine	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DU-3	6/30/2008	N-Nitroso-Di-N-Butylamine	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DU-3	6/30/2008	N-Nitrosodi-N-Propylamine	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DU-3	6/30/2008	N-Nitrosodiphenylamine	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DU-3	6/30/2008	N-Nitrosomorpholine	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DU-3	6/30/2008	N-Nitrosopiperidine	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DU-3	6/30/2008	N-Nitrosopyrrolidine	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DU-3	6/30/2008	N-Propylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DU-3	6/30/2008	O,O,O-Triethylphosphorothioate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DU-3	6/30/2008	Ortho-Xylene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
DU-3	6/30/2008	O-Toluidine	230	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DU-3	6/30/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DU-3	6/30/2008	Pentachlorobenzene	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-3	6/30/2008	Pentachloronitrobenzene	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DU-3	6/30/2008	Pentachlorophenol	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DU-3	6/30/2008	Phenacetin	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
DU-3	6/30/2008	Phenanthrene	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DU-3	6/30/2008	Phenol	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DU-3	6/30/2008	Pronamide	38	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DU-3	6/30/2008	Pyrene	39	UG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
DU-3	6/30/2008	Pyridine	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DU-3	6/30/2008	Safrole	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-3	6/30/2008	sec-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-3	6/30/2008	Selenium	1.09	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-3	6/30/2008	Silver	0.19	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-3	6/30/2008	Styrene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
DU-3	6/30/2008	tert-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-3	6/30/2008	Tetrachloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DU-3	6/30/2008	Tetraethyl Dithiopyrophosphate	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DU-3	6/30/2008	Thionazin	76	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-3	6/30/2008	Toluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DU-3	6/30/2008	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-3	6/30/2008	Trichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DU-3	6/30/2008	Trichlorofluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DU-3	6/30/2008	Vinyl Chloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
DU-4	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
DU-4	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DU-4	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DU-4	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-4	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-4	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DU-4	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
DU-4	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-4	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DU-4	7/1/2008	1,2,4,5-Tetrachlorobenzene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-4	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-4	7/1/2008	1,2,4-Trichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-4	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DU-4	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DU-4	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DU-4	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-4	7/1/2008	1,2-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-4	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-4	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-4	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-4	7/1/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-4	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-4	7/1/2008	1,3-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-4	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DU-4	7/1/2008	1,3-Dinitrobenzene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-4	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-4	7/1/2008	1,4-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-4	7/1/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-4	7/1/2008	1,4-Naphthoquinone	940	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DU-4	7/1/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-4	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-4	7/1/2008	2,3,4,6-Tetrachlorophenol	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DU-4	7/1/2008	2,4,5-Trichlorophenol	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-4	7/1/2008	2,4,6-Trichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-4	7/1/2008	2,4-Dichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-4	7/1/2008	2,4-Dimethylphenol	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DU-4	7/1/2008	2,4-Dinitrophenol	750	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DU-4	7/1/2008	2,4-Dinitrotoluene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DU-4	7/1/2008	2,6-Dichlorophenol	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DU-4	7/1/2008	2,6-Dinitrotoluene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-4	7/1/2008	2-Acetylaminofluorene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
DU-4	7/1/2008	2-Chloronaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-4	7/1/2008	2-Chlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-4	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DU-4	7/1/2008	2-Methylnaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DU-4	7/1/2008	2-Methylphenol (O-Cresol)	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-4	7/1/2008	2-Naphthylamine	190	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-4	7/1/2008	2-Nitroaniline	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-4	7/1/2008	2-Nitrophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DU-4	7/1/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-4	7/1/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
DU-4	7/1/2008	3,3'-Dimethylbenzidine	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DU-4	7/1/2008	3-Methylcholanthrene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-4	7/1/2008	3-Nitroaniline	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-4	7/1/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DU-4	7/1/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DU-4	7/1/2008	4-Bromophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-4	7/1/2008	4-Chloro-3-Methylphenol	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-4	7/1/2008	4-Chloroaniline	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-4	7/1/2008	4-Chlorophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-4	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
DU-4	7/1/2008	4-Dimethylaminoazobenzene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DU-4	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
DU-4	7/1/2008	4-Methylphenol (P-Cresol)	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-4	7/1/2008	4-Nitroaniline	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DU-4	7/1/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-4	7/1/2008	4-Nitroquinoline-N-Oxide	370	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
DU-4	7/1/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DU-4	7/1/2008	7,12-Dimethylbenz[A]Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DU-4	7/1/2008	Acenaphthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DU-4	7/1/2008	Acenaphthylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DU-4	7/1/2008	Acetophenone	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DU-4	7/1/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DU-4	7/1/2008	Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DU-4	7/1/2008	Arsenic	1.24	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
DU-4	7/1/2008	Barium	13.3	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
DU-4	7/1/2008	Benzene	0.7	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-4	7/1/2008	Benzo(A)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-4	7/1/2008	Benzo(B)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-4	7/1/2008	Benzo(G,H,I)Perylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DU-4	7/1/2008	Benzo(K)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DU-4	7/1/2008	Benzo[A]Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-4	7/1/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-4	7/1/2008	Bis(2-Chloroethoxy)Methane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-4	7/1/2008	Bis(2-Chloroethyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-4	7/1/2008	Bis(2-Chloroisopropyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-4	7/1/2008	Bis(2-Ethylhexyl)Phthalate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-4	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-4	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-4	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-4	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-4	7/1/2008	Butyl Benzyl Phthalate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DU-4	7/1/2008	Cadmium	0.154	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
DU-4	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DU-4	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DU-4	7/1/2008	Chlorobenzilate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DU-4	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
DU-4	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DU-4	7/1/2008	Chromium	8.25	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
DU-4	7/1/2008	Chrysene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DU-4	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DU-4	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DU-4	7/1/2008	Diallate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
DU-4	7/1/2008	Dibenz(A,H)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-4	7/1/2008	Dibenzofuran	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DU-4	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DU-4	7/1/2008	Diethyl Phthalate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
DU-4	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DU-4	7/1/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-4	7/1/2008	Dimethyl Phthalate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DU-4	7/1/2008	Di-N-Butyl Phthalate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-4	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DU-4	7/1/2008	Ethyl Methanesulfonate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-4	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DU-4	7/1/2008	Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-4	7/1/2008	Fluorene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-4	7/1/2008	Hexachlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
DU-4	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-4	7/1/2008	Hexachlorobutadiene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-4	7/1/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DU-4	7/1/2008	Hexachloroethane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DU-4	7/1/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-4	7/1/2008	Indeno (1,2,3-CD) Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-4	7/1/2008	Isodrin	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DU-4	7/1/2008	Isophorone	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DU-4	7/1/2008	Isosafrole	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-4	7/1/2008	Lead	9.39	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
DU-4	7/1/2008	Mercury	0.0206	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
DU-4	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DU-4	7/1/2008	Methapyrilene	1900	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-4	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DU-4	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DU-4	7/1/2008	Methyl Methanesulfonate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-4	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-4	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-4	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-4	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-4	7/1/2008	Naphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-4	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DU-4	7/1/2008	N-Dioctyl Phthalate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-4	7/1/2008	Nitrobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-4	7/1/2008	N-Nitroso(Methyl)Ethylamine	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-4	7/1/2008	N-Nitrosodiethylamine	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
DU-4	7/1/2008	N-Nitrosodimethylamine	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DU-4	7/1/2008	N-Nitroso-Di-N-Butylamine	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DU-4	7/1/2008	N-Nitrosodi-N-Propylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DU-4	7/1/2008	N-Nitrosodiphenylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DU-4	7/1/2008	N-Nitrosomorpholine	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DU-4	7/1/2008	N-Nitrosopiperidine	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DU-4	7/1/2008	N-Nitrosopyrrolidine	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DU-4	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DU-4	7/1/2008	O,O,O-Triethylphosphorothioate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DU-4	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
DU-4	7/1/2008	O-Toluidine	220	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DU-4	7/1/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DU-4	7/1/2008	Pentachlorobenzene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-4	7/1/2008	Pentachloronitrobenzene	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DU-4	7/1/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DU-4	7/1/2008	Phenacetin	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
DU-4	7/1/2008	Phenanthrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DU-4	7/1/2008	Phenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DU-4	7/1/2008	Pronamide	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DU-4	7/1/2008	Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
DU-4	7/1/2008	Pyridine	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DU-4	7/1/2008	Safrole	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-4	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-4	7/1/2008	Selenium	1.08	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-4	7/1/2008	Silver	0.187	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-4	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
DU-4	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-4	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DU-4	7/1/2008	Tetraethyl Dithiopyrophosphate	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DU-4	7/1/2008	Thionazin	75	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-4	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DU-4	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-4	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DU-4	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DU-4	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
DU-6	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
DU-6	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DU-6	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DU-6	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-6	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-6	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DU-6	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
DU-6	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-6	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DU-6	7/1/2008	1,2,4,5-Tetrachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-6	7/1/2008	1,2,4-Trichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-6	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-6	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DU-6	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DU-6	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DU-6	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-6	7/1/2008	1,2-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-6	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-6	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-6	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-6	7/1/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
DU-6	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-6	7/1/2008	1,3-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-6	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DU-6	7/1/2008	1,3-Dinitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-6	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-6	7/1/2008	1,4-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-6	7/1/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-6	7/1/2008	1,4-Naphthoquinone	990	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DU-6	7/1/2008	1-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-6	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-6	7/1/2008	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DU-6	7/1/2008	2,4,5-Trichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-6	7/1/2008	2,4,6-Trichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-6	7/1/2008	2,4-Dichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-6	7/1/2008	2,4-Dimethylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DU-6	7/1/2008	2,4-Dinitrophenol	790	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DU-6	7/1/2008	2,4-Dinitrotoluene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DU-6	7/1/2008	2,6-Dichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DU-6	7/1/2008	2,6-Dinitrotoluene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-6	7/1/2008	2-Acetylaminofluorene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
DU-6	7/1/2008	2-Chloronaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-6	7/1/2008	2-Chlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-6	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DU-6	7/1/2008	2-Methylnaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DU-6	7/1/2008	2-Methylphenol (O-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-6	7/1/2008	2-Naphthylamine	200	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-6	7/1/2008	2-Nitroaniline	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-6	7/1/2008	2-Nitrophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DU-6	7/1/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-6	7/1/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
DU-6	7/1/2008	3,3'-Dimethylbenzidine	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DU-6	7/1/2008	3-Methylcholanthrene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-6	7/1/2008	3-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-6	7/1/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DU-6	7/1/2008	4-Aminobiphenyl	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DU-6	7/1/2008	4-Bromophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-6	7/1/2008	4-Chloro-3-Methylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-6	7/1/2008	4-Chloroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-6	7/1/2008	4-Chlorophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-6	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
DU-6	7/1/2008	4-Dimethylaminoazobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DU-6	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
DU-6	7/1/2008	4-Methylphenol (P-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-6	7/1/2008	4-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DU-6	7/1/2008	4-Nitrophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-6	7/1/2008	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-6	7/1/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DU-6	7/1/2008	7,12-Dimethylbenz[A]Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DU-6	7/1/2008	Acenaphthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DU-6	7/1/2008	Acenaphthylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DU-6	7/1/2008	Acetophenone	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DU-6	7/1/2008	Aniline	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DU-6	7/1/2008	Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DU-6	7/1/2008	Arsenic	1.23	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
DU-6	7/1/2008	Barium	12.6	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
DU-6	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
DU-6	7/1/2008	Benzo(A)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-6	7/1/2008	Benzo(B)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-6	7/1/2008	Benzo(G,H,I)Perylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DU-6	7/1/2008	Benzo(K)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DU-6	7/1/2008	Benzo[A]Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-6	7/1/2008	Benzyl Alcohol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-6	7/1/2008	Bis(2-Chloroethoxy)Methane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-6	7/1/2008	Bis(2-Chloroethyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-6	7/1/2008	Bis(2-Chloroisopropyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-6	7/1/2008	Bis(2-Ethylhexyl)Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-6	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-6	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-6	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-6	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-6	7/1/2008	Butyl Benzyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DU-6	7/1/2008	Cadmium	0.164	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
DU-6	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DU-6	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DU-6	7/1/2008	Chlorobenzilate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DU-6	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
DU-6	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DU-6	7/1/2008	Chromium	11.1	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
DU-6	7/1/2008	Chrysene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DU-6	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DU-6	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DU-6	7/1/2008	Diallate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
DU-6	7/1/2008	Dibenz(A,H)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-6	7/1/2008	Dibenzofuran	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DU-6	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DU-6	7/1/2008	Diethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
DU-6	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DU-6	7/1/2008	Dimethoate	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-6	7/1/2008	Dimethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DU-6	7/1/2008	Di-N-Butyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-6	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DU-6	7/1/2008	Ethyl Methanesulfonate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-6	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DU-6	7/1/2008	Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-6	7/1/2008	Fluorene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-6	7/1/2008	Hexachlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
DU-6	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-6	7/1/2008	Hexachlorobutadiene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-6	7/1/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DU-6	7/1/2008	Hexachloroethane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DU-6	7/1/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-6	7/1/2008	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-6	7/1/2008	Isodrin	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DU-6	7/1/2008	Isophorone	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DU-6	7/1/2008	Isosafrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-6	7/1/2008	Lead	7.51	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
DU-6	7/1/2008	Mercury	0.0772	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
DU-6	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DU-6	7/1/2008	Methapyrilene	2000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-6	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DU-6	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DU-6	7/1/2008	Methyl Methanesulfonate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-6	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-6	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-6	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-6	7/1/2008	Naphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-6	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-6	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DU-6	7/1/2008	N-Dioctyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-6	7/1/2008	Nitrobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-6	7/1/2008	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-6	7/1/2008	N-Nitrosodiethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
DU-6	7/1/2008	N-Nitrosodimethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DU-6	7/1/2008	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DU-6	7/1/2008	N-Nitrosodi-N-Propylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DU-6	7/1/2008	N-Nitrosodiphenylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DU-6	7/1/2008	N-Nitrosomorpholine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DU-6	7/1/2008	N-Nitrosopiperidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DU-6	7/1/2008	N-Nitrosopyrrolidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DU-6	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DU-6	7/1/2008	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DU-6	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
DU-6	7/1/2008	O-Toluidine	240	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DU-6	7/1/2008	para-Phenylenediamine	14000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DU-6	7/1/2008	Pentachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-6	7/1/2008	Pentachloronitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DU-6	7/1/2008	Pentachlorophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DU-6	7/1/2008	Phenacetin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
DU-6	7/1/2008	Phenanthrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DU-6	7/1/2008	Phenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DU-6	7/1/2008	Pronamide	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DU-6	7/1/2008	Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
DU-6	7/1/2008	Pyridine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DU-6	7/1/2008	Safrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-6	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-6	7/1/2008	Selenium	1.15	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-6	7/1/2008	Silver	0.199	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-6	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
DU-6	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-6	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DU-6	7/1/2008	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DU-6	7/1/2008	Thionazin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-6	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DU-6	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-6	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DU-6	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DU-6	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
DU-7	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-7	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DU-7	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DU-7	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-7	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-7	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DU-7	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
DU-7	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-7	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DU-7	7/1/2008	1,2,4,5-Tetrachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-7	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-7	7/1/2008	1,2,4-Trichlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-7	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DU-7	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DU-7	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DU-7	7/1/2008	1,2-Dichlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-7	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-7	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-7	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-7	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-7	7/1/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
DU-7	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-7	7/1/2008	1,3-Dichlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-7	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DU-7	7/1/2008	1,3-Dinitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-7	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-7	7/1/2008	1,4-Dichlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-7	7/1/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-7	7/1/2008	1,4-Naphthoquinone	910	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DU-7	7/1/2008	1-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-7	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-7	7/1/2008	2,3,4,6-Tetrachlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DU-7	7/1/2008	2,4,5-Trichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-7	7/1/2008	2,4,6-Trichlorophenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-7	7/1/2008	2,4-Dichlorophenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-7	7/1/2008	2,4-Dimethylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DU-7	7/1/2008	2,4-Dinitrophenol	730	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DU-7	7/1/2008	2,4-Dinitrotoluene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DU-7	7/1/2008	2,6-Dichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DU-7	7/1/2008	2,6-Dinitrotoluene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-7	7/1/2008	2-Acetylaminofluorene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
DU-7	7/1/2008	2-Chloronaphthalene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-7	7/1/2008	2-Chlorophenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-7	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DU-7	7/1/2008	2-Methylnaphthalene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DU-7	7/1/2008	2-Methylphenol (O-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-7	7/1/2008	2-Naphthylamine	180	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-7	7/1/2008	2-Nitroaniline	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-7	7/1/2008	2-Nitrophenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DU-7	7/1/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-7	7/1/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
DU-7	7/1/2008	3,3'-Dimethylbenzidine	360	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DU-7	7/1/2008	3-Methylcholanthrene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-7	7/1/2008	3-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-7	7/1/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DU-7	7/1/2008	4-Aminobiphenyl	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DU-7	7/1/2008	4-Bromophenyl Phenyl Ether	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-7	7/1/2008	4-Chloro-3-Methylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-7	7/1/2008	4-Chloroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-7	7/1/2008	4-Chlorophenyl Phenyl Ether	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-7	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
DU-7	7/1/2008	4-Dimethylaminoazobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DU-7	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
DU-7	7/1/2008	4-Methylphenol (P-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-7	7/1/2008	4-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DU-7	7/1/2008	4-Nitrophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-7	7/1/2008	4-Nitroquinoline-N-Oxide	360	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
DU-7	7/1/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DU-7	7/1/2008	7,12-Dimethylbenz[A]Anthracene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DU-7	7/1/2008	Acenaphthene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DU-7	7/1/2008	Acenaphthylene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DU-7	7/1/2008	Acetophenone	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DU-7	7/1/2008	Aniline	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DU-7	7/1/2008	Anthracene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DU-7	7/1/2008	Arsenic	1.35	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
DU-7	7/1/2008	Barium	12.2	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
DU-7	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
DU-7	7/1/2008	Benzo(A)Anthracene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-7	7/1/2008	Benzo(B)Fluoranthene	38	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-7	7/1/2008	Benzo(G,H,I)Perylene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DU-7	7/1/2008	Benzo(K)Fluoranthene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DU-7	7/1/2008	Benzo[A]Pyrene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-7	7/1/2008	Benzyl Alcohol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-7	7/1/2008	Bis(2-Chloroethoxy)Methane	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-7	7/1/2008	Bis(2-Chloroethyl)Ether	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-7	7/1/2008	Bis(2-Chloroisopropyl)Ether	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-7	7/1/2008	Bis(2-Ethylhexyl)Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-7	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-7	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-7	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-7	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-7	7/1/2008	Butyl Benzyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DU-7	7/1/2008	Cadmium	0.153	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
DU-7	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DU-7	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DU-7	7/1/2008	Chlorobenzilate	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DU-7	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
DU-7	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DU-7	7/1/2008	Chromium	11.7	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
DU-7	7/1/2008	Chrysene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DU-7	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DU-7	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DU-7	7/1/2008	Diallate	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
DU-7	7/1/2008	Dibenz(A,H)Anthracene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-7	7/1/2008	Dibenzofuran	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DU-7	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DU-7	7/1/2008	Diethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
DU-7	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DU-7	7/1/2008	Dimethoate	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-7	7/1/2008	Dimethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DU-7	7/1/2008	Di-N-Butyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-7	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DU-7	7/1/2008	Ethyl Methanesulfonate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-7	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DU-7	7/1/2008	Fluoranthene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-7	7/1/2008	Fluorene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-7	7/1/2008	Hexachlorobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
DU-7	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-7	7/1/2008	Hexachlorobutadiene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-7	7/1/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DU-7	7/1/2008	Hexachloroethane	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DU-7	7/1/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-7	7/1/2008	Indeno (1,2,3-CD) Pyrene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-7	7/1/2008	Isodrin	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DU-7	7/1/2008	Isophorone	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DU-7	7/1/2008	Isosafrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-7	7/1/2008	Lead	7.26	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
DU-7	7/1/2008	Mercury	0.0146	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
DU-7	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DU-7	7/1/2008	Methapyrilene	1800	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-7	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DU-7	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DU-7	7/1/2008	Methyl Methanesulfonate	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-7	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-7	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-7	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-7	7/1/2008	Naphthalene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-7	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-7	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DU-7	7/1/2008	N-Dioctyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-7	7/1/2008	Nitrobenzene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-7	7/1/2008	N-Nitroso(Methyl)Ethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-7	7/1/2008	N-Nitrosodiethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
DU-7	7/1/2008	N-Nitrosodimethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DU-7	7/1/2008	N-Nitroso-Di-N-Butylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DU-7	7/1/2008	N-Nitrosodi-N-Propylamine	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DU-7	7/1/2008	N-Nitrosodiphenylamine	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DU-7	7/1/2008	N-Nitrosomorpholine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DU-7	7/1/2008	N-Nitrosopiperidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DU-7	7/1/2008	N-Nitrosopyrrolidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DU-7	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DU-7	7/1/2008	O,O,O-Triethylphosphorothioate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DU-7	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
DU-7	7/1/2008	O-Toluidine	220	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DU-7	7/1/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DU-7	7/1/2008	Pentachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-7	7/1/2008	Pentachloronitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DU-7	7/1/2008	Pentachlorophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DU-7	7/1/2008	Phenacetin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
DU-7	7/1/2008	Phenanthrene	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DU-7	7/1/2008	Phenol	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DU-7	7/1/2008	Pronamide	36	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DU-7	7/1/2008	Pyrene	63	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
DU-7	7/1/2008	Pyridine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DU-7	7/1/2008	Safrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-7	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-7	7/1/2008	Selenium	1.07	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-7	7/1/2008	Silver	0.186	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-7	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-7	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-7	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DU-7	7/1/2008	Tetraethyl Dithiopyrophosphate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DU-7	7/1/2008	Thionazin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-7	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DU-7	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-7	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DU-7	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DU-7	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
DU-8	7/1/2008	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
DU-8	7/1/2008	1,1,1-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
DU-8	7/1/2008	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
DU-8	7/1/2008	1,1,2-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-8	7/1/2008	1,1-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-8	7/1/2008	1,1-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
DU-8	7/1/2008	1,1-Dichloropropene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
DU-8	7/1/2008	1,2,3-Trichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-8	7/1/2008	1,2,3-Trichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
DU-8	7/1/2008	1,2,4,5-Tetrachlorobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-8	7/1/2008	1,2,4-Trichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-8	7/1/2008	1,2,4-Trichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
DU-8	7/1/2008	1,2,4-Trimethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
DU-8	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
DU-8	7/1/2008	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
DU-8	7/1/2008	1,2-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-8	7/1/2008	1,2-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
DU-8	7/1/2008	1,2-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-8	7/1/2008	1,2-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-8	7/1/2008	1,3,5-Trimethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-8	7/1/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
DU-8	7/1/2008	1,3-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-8	7/1/2008	1,3-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-8	7/1/2008	1,3-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
DU-8	7/1/2008	1,3-Dinitrobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-8	7/1/2008	1,4-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-8	7/1/2008	1,4-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
DU-8	7/1/2008	1,4-Dioxane	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-8	7/1/2008	1,4-Naphthoquinone	990	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
DU-8	7/1/2008	1-Naphthylamine	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
DU-8	7/1/2008	2,2-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
DU-8	7/1/2008	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
DU-8	7/1/2008	2,4,5-Trichlorophenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-8	7/1/2008	2,4,6-Trichlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-8	7/1/2008	2,4-Dichlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-8	7/1/2008	2,4-Dimethylphenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
DU-8	7/1/2008	2,4-Dinitrophenol	790	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
DU-8	7/1/2008	2,4-Dinitrotoluene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
DU-8	7/1/2008	2,6-Dichlorophenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
DU-8	7/1/2008	2,6-Dinitrotoluene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
DU-8	7/1/2008	2-Acetylaminofluorene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
DU-8	7/1/2008	2-Chloronaphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
DU-8	7/1/2008	2-Chlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-8	7/1/2008	2-Chlorotoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
DU-8	7/1/2008	2-Methylnaphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
DU-8	7/1/2008	2-Methylphenol (O-Cresol)	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-8	7/1/2008	2-Naphthylamine	200	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-8	7/1/2008	2-Nitroaniline	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-8	7/1/2008	2-Nitrophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
DU-8	7/1/2008	2-Picoline	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-8	7/1/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
DU-8	7/1/2008	3,3'-Dimethylbenzidine	400	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
DU-8	7/1/2008	3-Methylcholanthrene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-8	7/1/2008	3-Nitroaniline	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-8	7/1/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
DU-8	7/1/2008	4-Aminobiphenyl	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
DU-8	7/1/2008	4-Bromophenyl Phenyl Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
DU-8	7/1/2008	4-Chloro-3-Methylphenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-8	7/1/2008	4-Chloroaniline	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
DU-8	7/1/2008	4-Chlorophenyl Phenyl Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-8	7/1/2008	4-Chlorotoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
DU-8	7/1/2008	4-Dimethylaminoazobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
DU-8	7/1/2008	4-Isopropyltoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
DU-8	7/1/2008	4-Methylphenol (P-Cresol)	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-8	7/1/2008	4-Nitroaniline	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
DU-8	7/1/2008	4-Nitrophenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-8	7/1/2008	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
DU-8	7/1/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
DU-8	7/1/2008	7,12-Dimethylbenz[A]Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
DU-8	7/1/2008	Acenaphthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
DU-8	7/1/2008	Acenaphthylene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
DU-8	7/1/2008	Acetophenone	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
DU-8	7/1/2008	Aniline	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
DU-8	7/1/2008	Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
DU-8	7/1/2008	Arsenic	1.11	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
DU-8	7/1/2008	Barium	11.5	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
DU-8	7/1/2008	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
DU-8	7/1/2008	Benzo(A)Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-8	7/1/2008	Benzo(B)Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-8	7/1/2008	Benzo(G,H,I)Perylene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
DU-8	7/1/2008	Benzo(K)Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
DU-8	7/1/2008	Benzo[A]Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-8	7/1/2008	Benzyl Alcohol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-8	7/1/2008	Bis(2-Chloroethoxy)Methane	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-8	7/1/2008	Bis(2-Chloroethyl)Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-8	7/1/2008	Bis(2-Chloroisopropyl)Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
DU-8	7/1/2008	Bis(2-Ethylhexyl)Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
DU-8	7/1/2008	Bromobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
DU-8	7/1/2008	Bromochloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-8	7/1/2008	Bromodichloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
DU-8	7/1/2008	Bromoform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-8	7/1/2008	Butyl Benzyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
DU-8	7/1/2008	Cadmium	0.164	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
DU-8	7/1/2008	Carbon Tetrachloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
DU-8	7/1/2008	Chlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
DU-8	7/1/2008	Chlorobenzilate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
DU-8	7/1/2008	Chlorodibromomethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
DU-8	7/1/2008	Chloroform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
DU-8	7/1/2008	Chromium	12.7	MG/KG				Y	3-5 Feet	FS	Soil	Site Background	42.7
DU-8	7/1/2008	Chrysene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
DU-8	7/1/2008	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
DU-8	7/1/2008	Cumene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
DU-8	7/1/2008	Diallate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-8	7/1/2008	Dibenz(A,H)Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
DU-8	7/1/2008	Dibenzofuran	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
DU-8	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
DU-8	7/1/2008	Diethyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
DU-8	7/1/2008	Diisopropyl Ether	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
DU-8	7/1/2008	Dimethoate	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-8	7/1/2008	Dimethyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
DU-8	7/1/2008	Di-N-Butyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
DU-8	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
DU-8	7/1/2008	Ethyl Methanesulfonate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-8	7/1/2008	Ethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
DU-8	7/1/2008	Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-8	7/1/2008	Fluorene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
DU-8	7/1/2008	Hexachlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
DU-8	7/1/2008	Hexachlorobutadiene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-8	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-8	7/1/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
DU-8	7/1/2008	Hexachloroethane	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
DU-8	7/1/2008	Hexachloropropylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
DU-8	7/1/2008	Indeno (1,2,3-CD) Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
DU-8	7/1/2008	Isodrin	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
DU-8	7/1/2008	Isophorone	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
DU-8	7/1/2008	Isosafrole	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-8	7/1/2008	Lead	6.48	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
DU-8	7/1/2008	Mercury	0.0129	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
DU-8	7/1/2008	Meta- And Para-Xylene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
DU-8	7/1/2008	Methapyrilene	2000	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
DU-8	7/1/2008	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
DU-8	7/1/2008	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
DU-8	7/1/2008	Methyl Methanesulfonate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
DU-8	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
DU-8	7/1/2008	Methylene Bromide	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
DU-8	7/1/2008	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
DU-8	7/1/2008	Naphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-8	7/1/2008	Naphthalene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
DU-8	7/1/2008	N-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
DU-8	7/1/2008	N-Dioctyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
DU-8	7/1/2008	Nitrobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
DU-8	7/1/2008	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
DU-8	7/1/2008	N-Nitrosodiethylamine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
DU-8	7/1/2008	N-Nitrosodimethylamine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
DU-8	7/1/2008	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
DU-8	7/1/2008	N-Nitrosodi-N-Propylamine	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
DU-8	7/1/2008	N-Nitrosodiphenylamine	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
DU-8	7/1/2008	N-Nitrosomorpholine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
DU-8	7/1/2008	N-Nitrosopiperidine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
DU-8	7/1/2008	N-Nitrosopyrrolidine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
DU-8	7/1/2008	N-Propylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
DU-8	7/1/2008	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
DU-8	7/1/2008	Ortho-Xylene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
DU-8	7/1/2008	O-Toluidine	240	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
DU-8	7/1/2008	para-Phenylenediamine	14000	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
DU-8	7/1/2008	Pentachlorobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
DU-8	7/1/2008	Pentachloronitrobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
DU-8	7/1/2008	Pentachlorophenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
DU-8	7/1/2008	Phenacetin	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
DU-8	7/1/2008	Phenanthrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
DU-8	7/1/2008	Phenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
DU-8	7/1/2008	Pronamide	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
DU-8	7/1/2008	Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
DU-8	7/1/2008	Pyridine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
DU-8	7/1/2008	Safrole	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
DU-8	7/1/2008	sec-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-8	7/1/2008	Selenium	1.15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-8	7/1/2008	Silver	0.199	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
DU-8	7/1/2008	Styrene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
DU-8	7/1/2008	tert-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
DU-8	7/1/2008	Tetrachloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
DU-8	7/1/2008	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
DU-8	7/1/2008	Thionazin	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
DU-8	7/1/2008	Toluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
DU-8	7/1/2008	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
DU-8	7/1/2008	Trichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
DU-8	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
DU-8	7/1/2008	Vinyl Chloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01A	8/22/2000	1,1-Dichloroethene	290	UG/KG				N	12.5-12.6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01A	8/22/2000	1,1-Dichloroethene	300	UG/KG				N	14.7-14.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01A	8/22/2000	1,1-Dichloroethene	330	UG/KG				N	14.7-14.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01A	8/22/2000	cis-1,2 Dichloroethene	290	UG/KG				N	12.5-12.6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01A	8/22/2000	cis-1,2 Dichloroethene	300	UG/KG				N	14.7-14.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01A	8/22/2000	cis-1,2 Dichloroethene	330	UG/KG				N	14.7-14.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01A	8/22/2000	trans-1,2-Dichloroethene	290	UG/KG				N	12.5-12.6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01A	8/22/2000	trans-1,2-Dichloroethene	300	UG/KG				N	14.7-14.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01A	8/22/2000	trans-1,2-Dichloroethene	330	UG/KG				N	14.7-14.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01A	8/22/2000	Trichloroethene	290	UG/KG				N	12.5-12.6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01A	8/22/2000	Trichloroethene	300	UG/KG				N	14.7-14.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01A	8/22/2000	Trichloroethene	330	UG/KG				N	14.7-14.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01A	8/22/2000	Vinyl Chloride	290	UG/KG				N	12.5-12.6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01A	8/22/2000	Vinyl Chloride	300	UG/KG				N	14.7-14.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01A	8/22/2000	Vinyl Chloride	330	UG/KG				N	14.7-14.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01B	8/22/2000	1,1-Dichloroethene	340	UG/KG				N	14.4-14.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01B	8/22/2000	1,1-Dichloroethene	270	UG/KG				N	13-13.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01B	8/22/2000	cis-1,2 Dichloroethene	340	UG/KG				N	14.4-14.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01B	8/22/2000	cis-1,2 Dichloroethene	270	UG/KG				N	13-13.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01B	8/22/2000	trans-1,2-Dichloroethene	340	UG/KG				N	14.4-14.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01B	8/22/2000	trans-1,2-Dichloroethene	270	UG/KG				N	13-13.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01B	8/22/2000	Trichloroethene	340	UG/KG				N	14.4-14.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01B	8/22/2000	Trichloroethene	270	UG/KG				N	13-13.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01B	8/22/2000	Vinyl Chloride	340	UG/KG				N	14.4-14.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01B	8/22/2000	Vinyl Chloride	270	UG/KG				N	13-13.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01C	8/22/2000	1,1-Dichloroethene	290	UG/KG				N	15.8-15.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01C	8/22/2000	1,1-Dichloroethene	250	UG/KG				N	12.8-12.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01C	8/22/2000	cis-1,2 Dichloroethene	290	UG/KG				N	15.8-15.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01C	8/22/2000	cis-1,2 Dichloroethene	250	UG/KG				N	12.8-12.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01C	8/22/2000	trans-1,2-Dichloroethene	290	UG/KG				N	15.8-15.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01C	8/22/2000	trans-1,2-Dichloroethene	250	UG/KG				N	12.8-12.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01C	8/22/2000	Trichloroethene	290	UG/KG				N	15.8-15.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01C	8/22/2000	Trichloroethene	250	UG/KG				N	12.8-12.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01C	8/22/2000	Vinyl Chloride	290	UG/KG				N	15.8-15.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01C	8/22/2000	Vinyl Chloride	250	UG/KG				N	12.8-12.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01D	8/22/2000	1,1-Dichloroethene	290	UG/KG				N	13.2-13.3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01D	8/22/2000	1,1-Dichloroethene	380	UG/KG				N	16.1-16.2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
GEO-01D	8/22/2000	Trichloroethene	41000	UG/KG			Y	Y	16.1-16.2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01D	8/22/2000	cis-1,2 Dichloroethene	320	UG/KG				Y	13.2-13.3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01D	8/22/2000	cis-1,2 Dichloroethene	1100	UG/KG				Y	16.1-16.2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01D	8/22/2000	trans-1,2-Dichloroethene	290	UG/KG				N	13.2-13.3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01D	8/22/2000	trans-1,2-Dichloroethene	380	UG/KG				N	16.1-16.2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01D	8/22/2000	Trichloroethene	830	UG/KG				Y	13.2-13.3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01D	8/22/2000	Vinyl Chloride	290	UG/KG				N	13.2-13.3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01D	8/22/2000	Vinyl Chloride	380	UG/KG				N	16.1-16.2 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01G	8/22/2000	1,1-Dichloroethene	400	UG/KG				N	15.7-15.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01G	8/22/2000	1,1-Dichloroethene	420	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-01G	8/22/2000	cis-1,2 Dichloroethene	400	UG/KG				N	15.7-15.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01G	8/22/2000	cis-1,2 Dichloroethene	420	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-01G	8/22/2000	trans-1,2-Dichloroethene	400	UG/KG				N	15.7-15.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01G	8/22/2000	trans-1,2-Dichloroethene	420	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-01G	8/22/2000	Trichloroethene	400	UG/KG				N	15.7-15.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01G	8/22/2000	Trichloroethene	420	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-01G	8/22/2000	Vinyl Chloride	400	UG/KG				N	15.7-15.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-01G	8/22/2000	Vinyl Chloride	420	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-02B	8/23/2000	1,1-Dichloroethene	280	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-02B	8/23/2000	1,1-Dichloroethene	270	UG/KG				N	14-14.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-02B	8/23/2000	cis-1,2 Dichloroethene	280	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-02B	8/23/2000	cis-1,2 Dichloroethene	270	UG/KG				N	14-14.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-02B	8/23/2000	trans-1,2-Dichloroethene	280	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-02B	8/23/2000	trans-1,2-Dichloroethene	270	UG/KG				N	14-14.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-02B	8/23/2000	Trichloroethene	2300	UG/KG				Y	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-02B	8/23/2000	Trichloroethene	270	UG/KG				N	14-14.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-02B	8/23/2000	Vinyl Chloride	280	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-02B	8/23/2000	Vinyl Chloride	270	UG/KG				N	14-14.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-02K	8/23/2000	1,1-Dichloroethene	280	UG/KG				N	15.4-15.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-02K	8/23/2000	1,1-Dichloroethene	280	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-02K	8/23/2000	cis-1,2 Dichloroethene	280	UG/KG				N	15.4-15.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-02K	8/23/2000	cis-1,2 Dichloroethene	280	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-02K	8/23/2000	trans-1,2-Dichloroethene	280	UG/KG				N	15.4-15.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-02K	8/23/2000	trans-1,2-Dichloroethene	280	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-02K	8/23/2000	Trichloroethene	280	UG/KG				N	15.4-15.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-02K	8/23/2000	Trichloroethene	280	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-02K	8/23/2000	Vinyl Chloride	280	UG/KG				N	15.4-15.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-02K	8/23/2000	Vinyl Chloride	280	UG/KG				N	13.8-13.9 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-02Q	8/23/2000	1,1-Dichloroethene	260	UG/KG				N	13.7-13.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-02Q	8/23/2000	1,1-Dichloroethene	320	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
GEO-02Q	8/23/2000	cis-1,2 Dichloroethene	260	UG/KG				N	13.7-13.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-02Q	8/23/2000	cis-1,2 Dichloroethene	320	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
GEO-02Q	8/23/2000	trans-1,2-Dichloroethene	260	UG/KG				N	13.7-13.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-02Q	8/23/2000	trans-1,2-Dichloroethene	320	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
GEO-02Q	8/23/2000	Trichloroethene	260	UG/KG				N	13.7-13.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-02Q	8/23/2000	Trichloroethene	320	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
GEO-02Q	8/23/2000	Vinyl Chloride	260	UG/KG				N	13.7-13.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
GEO-02Q	8/23/2000	Vinyl Chloride	320	UG/KG				N	15.9-16 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
HSB-01	12/29/2005	Benzo(A)Anthracene	39	UG/KG	U			N	2-3.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-01	12/29/2005	Benzo(B)Fluoranthene	39	UG/KG	U			N	2-3.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-01	12/29/2005	Benzo(K)Fluoranthene	39	UG/KG	U			N	2-3.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-01	12/29/2005	Benzo[A]Pyrene	39	UG/KG	U			N	2-3.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-01	12/29/2005	Chromium	22.8	MG/KG		J		Y	2-3.5 Feet	FS	Soil	Site Background	42.7
HSB-01	12/29/2005	Hexavalent Chromium	1.8	MG/KG				Y	2-3.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.60E+00
HSB-01	12/29/2005	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	2-3.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-01	12/29/2005	Silver	0.785	MG/KG				Y	2-3.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-02	12/30/2005	Benzo(A)Anthracene	41	UG/KG	U			N	4-4.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-02	12/30/2005	Benzo(B)Fluoranthene	41	UG/KG	U			N	4-4.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-02	12/30/2005	Benzo(K)Fluoranthene	41	UG/KG	U			N	4-4.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-02	12/30/2005	Benzo[A]Pyrene	41	UG/KG	U			N	4-4.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-02	12/30/2005	Chromium	7.19	MG/KG		J		Y	4-4.75 Feet	FS	Soil	Site Background	42.7
HSB-02	12/30/2005	Hexavalent Chromium	0.62	MG/KG	U			N	4-4.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.60E+00
HSB-02	12/30/2005	Indeno (1,2,3-CD) Pyrene	41	UG/KG	U			N	4-4.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-02	12/30/2005	Silver	0.225	MG/KG	U			N	4-4.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-03	12/30/2005	Benzo(A)Anthracene	3200	UG/KG			Y	Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-03	12/30/2005	Benzo(B)Fluoranthene	2800	UG/KG			Y	Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-03	12/30/2005	Benzo[A]Pyrene	2300	UG/KG			Y	Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-03	12/30/2005	Benzo(K)Fluoranthene	1500	UG/KG				Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-03	12/30/2005	Chromium	14.7	MG/KG		J		Y	2-2.5 Feet	FS	Soil	Site Background	42.7
HSB-03	12/30/2005	Hexavalent Chromium	2.9	MG/KG				Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.60E+00
HSB-03	12/30/2005	Indeno (1,2,3-CD) Pyrene	1300	UG/KG				Y	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-03	12/30/2005	Silver	0.215	MG/KG	U			N	2-2.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-04	12/30/2005	Benzo(A)Anthracene	39	UG/KG	U			N	5.25-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-04	12/30/2005	Benzo(B)Fluoranthene	39	UG/KG	U			N	5.25-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-04	12/30/2005	Benzo(K)Fluoranthene	39	UG/KG	U			N	5.25-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-04	12/30/2005	Benzo[A]Pyrene	39	UG/KG	U			N	5.25-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-04	12/30/2005	Chromium	8.75	MG/KG		J		Y	5.25-6 Feet	FS	Soil	Site Background	42.7
HSB-04	12/30/2005	Hexavalent Chromium	0.58	MG/KG	U			N	5.25-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.60E+00
HSB-04	12/30/2005	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	5.25-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-04	12/30/2005	Silver	0.216	MG/KG	U			N	5.25-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-05	12/30/2005	Benzo(A)Anthracene	39	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-05	12/30/2005	Benzo(B)Fluoranthene	39	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-05	12/30/2005	Benzo(K)Fluoranthene	39	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-05	12/30/2005	Benzo[A]Pyrene	39	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-05	12/30/2005	Chromium	6.2	MG/KG		J		Y	4-6 Feet	FS	Soil	Site Background	42.7
HSB-05	12/30/2005	Hexavalent Chromium	0.59	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.60E+00
HSB-05	12/30/2005	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-05	12/30/2005	Silver	0.216	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-06	12/30/2005	Benzo(A)Anthracene	180	UG/KG	J	J		Y	1.5-3.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-06	12/30/2005	Benzo(A)Anthracene	160	UG/KG	J	J		Y	1.5-3.75 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-06	12/30/2005	Benzo(B)Fluoranthene	180	UG/KG	J	J		Y	1.5-3.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-06	12/30/2005	Benzo(B)Fluoranthene	160	UG/KG	J	J		Y	1.5-3.75 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-06	12/30/2005	Benzo(K)Fluoranthene	90	UG/KG	J	J		Y	1.5-3.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-06	12/30/2005	Benzo(K)Fluoranthene	79	UG/KG	J	J		Y	1.5-3.75 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-06	12/30/2005	Benzo[A]Pyrene	130	UG/KG	J	J		Y	1.5-3.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-06	12/30/2005	Benzo[A]Pyrene	120	UG/KG	J	J		Y	1.5-3.75 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-06	12/30/2005	Chromium	14.7	MG/KG		J		Y	1.5-3.75 Feet	FS	Soil	Site Background	42.7
HSB-06	12/30/2005	Chromium	14.9	MG/KG		J		Y	1.5-3.75 Feet	DUP	Soil	Site Background	42.7
HSB-06	12/30/2005	Hexavalent Chromium	0.56	MG/KG	U			N	1.5-3.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.60E+00
HSB-06	12/30/2005	Hexavalent Chromium	0.82	MG/KG	J	J		Y	1.5-3.75 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.60E+00
HSB-06	12/30/2005	Indeno (1,2,3-CD) Pyrene	71	UG/KG	J	J		Y	1.5-3.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-06	12/30/2005	Indeno (1,2,3-CD) Pyrene	66	UG/KG	J	J		Y	1.5-3.75 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-06	12/30/2005	Silver	0.21	MG/KG	U			N	1.5-3.75 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-06	12/30/2005	Silver	0.205	MG/KG	U			N	1.5-3.75 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-07	2/12/2007	2-Methylnaphthalene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-07	2/12/2007	2-Methylnaphthalene	15	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-07	2/12/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-07	2/12/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-07	2/12/2007	Acenaphthylene	7.9	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-07	2/12/2007	Acenaphthylene	7.8	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-07	2/12/2007	Anthracene	7.5	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-07	2/12/2007	Anthracene	7.6	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-07	2/12/2007	Arsenic	2.7	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-07	2/12/2007	Arsenic	4.5	MG/KG			Y	Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-07	2/12/2007	Barium	53	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-07	2/12/2007	Barium	42.1	MG/KG		J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-07	2/12/2007	Benzo(A)Anthracene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Benzo(A)Anthracene	11	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Benzo(B)Fluoranthene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Benzo(B)Fluoranthene	15	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Benzo(G,H,I)Perylene	16	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-07	2/12/2007	Benzo(G,H,I)Perylene	16	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-07	2/12/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-07	2/12/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-07	2/12/2007	Benzo[A]Pyrene	7.5	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-07	2/12/2007	Benzo[A]Pyrene	7.4	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-07	2/12/2007	Cadmium	0.06	MG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-07	2/12/2007	Cadmium	0.059	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-07	2/12/2007	Chromium	16	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-07	2/12/2007	Chromium	19.8	MG/KG				Y	2-4 Feet	DUP	Soil	Site Background	42.7
HSB-07	2/12/2007	Chrysene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-07	2/12/2007	Chrysene	13	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-07	2/12/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-07	2/12/2007	Dibenz(A,H)Anthracene	16	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-07	2/12/2007	Fluoranthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-07	2/12/2007	Fluoranthene	11	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-07	2/12/2007	Fluorene	14	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-07	2/12/2007	Fluorene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-07	2/12/2007	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-07	2/12/2007	Lead	13.4	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-07	2/12/2007	Lead	7.8	MG/KG		J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-07	2/12/2007	Mercury	0.017	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-07	2/12/2007	Mercury	0.017	MG/KG	B	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-07	2/12/2007	Naphthalene	14	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-07	2/12/2007	Naphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-07	2/12/2007	Phenanthrene	14	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-07	2/12/2007	Phenanthrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-07	2/12/2007	Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-07	2/12/2007	Pyrene	14	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-07	2/12/2007	Selenium	0.23	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-07	2/12/2007	Selenium	0.58	MG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-07	2/12/2007	Silver	0.13	MG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-07	2/12/2007	Silver	0.12	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-08	2/12/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-08	2/12/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-08	2/12/2007	Acenaphthylene	7.4	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-08	2/12/2007	Anthracene	7.2	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-08	2/12/2007	Arsenic	2.3	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-08	2/12/2007	Barium	57.4	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-08	2/12/2007	Benzo(A)Anthracene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-08	2/12/2007	Benzo(B)Fluoranthene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-08	2/12/2007	Benzo(G,H,I)Perylene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-08	2/12/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-08	2/12/2007	Benzo[A]Pyrene	7.1	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-08	2/12/2007	Cadmium	0.062	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-08	2/12/2007	Chromium	12	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-08	2/12/2007	Chrysene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-08	2/12/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-08	2/12/2007	Fluoranthene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-08	2/12/2007	Fluorene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-08	2/12/2007	Indeno (1,2,3-CD) Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-08	2/12/2007	Lead	9.3	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-08	2/12/2007	Mercury	0.0093	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-08	2/12/2007	Naphthalene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-08	2/12/2007	Phenanthrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-08	2/12/2007	Pyrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-08	2/12/2007	Selenium	0.24	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-08	2/12/2007	Silver	0.13	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-09	2/12/2007	2-Methylnaphthalene	23	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-09	2/12/2007	Acenaphthene	560	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-09	2/12/2007	Acenaphthylene	7.9	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-09	2/12/2007	Anthracene	1100	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-09	2/12/2007	Arsenic	1.1	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-09	2/12/2007	Benzo[A]Pyrene	1400	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-09	2/12/2007	Barium	57.4	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-09	2/12/2007	Benzo(A)Anthracene	1600	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-09	2/12/2007	Benzo(B)Fluoranthene	1200	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-09	2/12/2007	Benzo(G,H,I)Perylene	520	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-09	2/12/2007	Benzo(K)Fluoranthene	840	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-09	2/12/2007	Cadmium	0.062	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-09	2/12/2007	Chromium	14.1	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-09	2/12/2007	Chrysene	1500	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-09	2/12/2007	Dibenz(A,H)Anthracene	73	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-09	2/12/2007	Fluoranthene	4200	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-09	2/12/2007	Fluorene	560	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-09	2/12/2007	Indeno (1,2,3-CD) Pyrene	630	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-09	2/12/2007	Lead	14.8	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-09	2/12/2007	Mercury	0.017	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-09	2/12/2007	Naphthalene	36	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-09	2/12/2007	Phenanthrene	3100	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-09	2/12/2007	Pyrene	2400	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-09	2/12/2007	Selenium	0.24	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-09	2/12/2007	Silver	0.13	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-10	2/13/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-10	2/13/2007	Acenaphthene	160	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-10	2/13/2007	Acenaphthylene	7.3	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-10	2/13/2007	Anthracene	320	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-10	2/13/2007	Arsenic	0.85	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-10	2/13/2007	Benzo[A]Pyrene	520	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-10	2/13/2007	Barium	11.5	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-10	2/13/2007	Benzo(A)Anthracene	600	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-10	2/13/2007	Benzo(B)Fluoranthene	470	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-10	2/13/2007	Benzo(G,H,I)Perylene	280	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-10	2/13/2007	Benzo(K)Fluoranthene	420	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-10	2/13/2007	Cadmium	0.058	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-10	2/13/2007	Chromium	19.3	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-10	2/13/2007	Chrysene	570	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-10	2/13/2007	Dibenz(A,H)Anthracene	30	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-10	2/13/2007	Fluoranthene	1400	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-10	2/13/2007	Fluorene	120	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-10	2/13/2007	Indeno (1,2,3-CD) Pyrene	290	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-10	2/13/2007	Lead	8.9	MG/KG	J			Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-10	2/13/2007	Mercury	0.029	MG/KG	B J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-10	2/13/2007	Naphthalene	37	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-10	2/13/2007	Phenanthrene	1100	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-10	2/13/2007	Pyrene	1100	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-10	2/13/2007	Selenium	0.26	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-10	2/13/2007	Silver	0.12	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-11	2/13/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-11	2/13/2007	Acenaphthene	14	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-11	2/13/2007	Acenaphthylene	7.4	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-11	2/13/2007	Anthracene	27	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-11	2/13/2007	Arsenic	0.89	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-11	2/13/2007	Barium	9	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-11	2/13/2007	Benzo(A)Anthracene	38	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-11	2/13/2007	Benzo(B)Fluoranthene	30	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-11	2/13/2007	Benzo(G,H,I)Perylene	18	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-11	2/13/2007	Benzo(K)Fluoranthene	340	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-11	2/13/2007	Benzo[A]Pyrene	36	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-11	2/13/2007	Cadmium	0.06	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-11	2/13/2007	Chromium	9.6	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-11	2/13/2007	Chrysene	35	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-11	2/13/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-11	2/13/2007	Fluoranthene	60	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-11	2/13/2007	Fluorene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-11	2/13/2007	Indeno (1,2,3-CD) Pyrene	18	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-11	2/13/2007	Lead	6	MG/KG	J			Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-11	2/13/2007	Mercury	0.041	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-11	2/13/2007	Naphthalene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-11	2/13/2007	Phenanthrene	84	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-11	2/13/2007	Pyrene	61	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-11	2/13/2007	Selenium	0.61	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-11	2/13/2007	Silver	0.13	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-12	2/13/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-12	2/13/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-12	2/13/2007	Acenaphthylene	7.4	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-12	2/13/2007	Anthracene	7.2	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-12	2/13/2007	Arsenic	0.66	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-12	2/13/2007	Barium	13.6	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-12	2/13/2007	Benzo(A)Anthracene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-12	2/13/2007	Benzo(B)Fluoranthene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-12	2/13/2007	Benzo(G,H,I)Perylene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-12	2/13/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-12	2/13/2007	Benzo[A]Pyrene	7.1	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-12	2/13/2007	Cadmium	0.059	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-12	2/13/2007	Chromium	5.3	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-12	2/13/2007	Chrysene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-12	2/13/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-12	2/13/2007	Fluoranthene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-12	2/13/2007	Fluorene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-12	2/13/2007	Indeno (1,2,3-CD) Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-12	2/13/2007	Lead	4.6	MG/KG	J			Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-12	2/13/2007	Mercury	0.028	MG/KG	B J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-12	2/13/2007	Naphthalene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-12	2/13/2007	Phenanthrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-12	2/13/2007	Pyrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-12	2/13/2007	Selenium	0.34	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-12	2/13/2007	Silver	0.12	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-13	2/13/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-13	2/13/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-13	2/13/2007	Acenaphthylene	7.7	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-13	2/13/2007	Anthracene	7.4	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-13	2/13/2007	Arsenic	0.27	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-13	2/13/2007	Barium	19.6	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-13	2/13/2007	Benzo(A)Anthracene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-13	2/13/2007	Benzo(B)Fluoranthene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-13	2/13/2007	Benzo(G,H,I)Perylene	16	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-13	2/13/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-13	2/13/2007	Benzo[A]Pyrene	7.4	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-13	2/13/2007	Cadmium	0.064	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-13	2/13/2007	Chromium	4.5	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-13	2/13/2007	Chrysene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-13	2/13/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-13	2/13/2007	Fluoranthene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-13	2/13/2007	Fluorene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-13	2/13/2007	Indeno (1,2,3-CD) Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-13	2/13/2007	Lead	4.1	MG/KG	J			Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-13	2/13/2007	Mercury	0.019	MG/KG	B J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-13	2/13/2007	Naphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-13	2/13/2007	Phenanthrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-13	2/13/2007	Pyrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-13	2/13/2007	Selenium	0.32	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-13	2/13/2007	Silver	0.14	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-14	2/13/2007	2-Methylnaphthalene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-14	2/13/2007	Acenaphthene	12	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-14	2/13/2007	Acenaphthylene	8	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-14	2/13/2007	Anthracene	7.7	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-14	2/13/2007	Arsenic	1.6	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-14	2/13/2007	Barium	57	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-14	2/13/2007	Benzo(A)Anthracene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-14	2/13/2007	Benzo(B)Fluoranthene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-14	2/13/2007	Benzo(G,H,I)Perylene	17	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-14	2/13/2007	Benzo(K)Fluoranthene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-14	2/13/2007	Benzo[A]Pyrene	7.7	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-14	2/13/2007	Cadmium	0.061	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-14	2/13/2007	Chromium	20.5	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-14	2/13/2007	Chrysene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-14	2/13/2007	Dibenz(A,H)Anthracene	16	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-14	2/13/2007	Fluoranthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-14	2/13/2007	Fluorene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-14	2/13/2007	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-14	2/13/2007	Lead	20.1	MG/KG	J			Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-14	2/13/2007	Mercury	0.021	MG/KG	B J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-14	2/13/2007	Naphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-14	2/13/2007	Phenanthrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-14	2/13/2007	Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-14	2/13/2007	Selenium	1.4	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-14	2/13/2007	Silver	0.13	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-15	2/13/2007	2-Methylnaphthalene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-15	2/13/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-15	2/13/2007	Acenaphthylene	7.8	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-15	2/13/2007	Anthracene	7.6	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-15	2/13/2007	Arsenic	2.9	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-15	2/13/2007	Barium	17.6	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-15	2/13/2007	Benzo(A)Anthracene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-15	2/13/2007	Benzo(B)Fluoranthene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-15	2/13/2007	Benzo(G,H,I)Perylene	16	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-15	2/13/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-15	2/13/2007	Benzo[A]Pyrene	7.5	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-15	2/13/2007	Cadmium	0.062	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-15	2/13/2007	Chromium	17.8	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-15	2/13/2007	Chrysene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-15	2/13/2007	Dibenz(A,H)Anthracene	16	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-15	2/13/2007	Fluoranthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-15	2/13/2007	Fluorene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-15	2/13/2007	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-15	2/13/2007	Lead	11.4	MG/KG	J			Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-15	2/13/2007	Mercury	0.039	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-15	2/13/2007	Naphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-15	2/13/2007	Phenanthrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-15	2/13/2007	Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-15	2/13/2007	Selenium	0.52	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-15	2/13/2007	Silver	0.13	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-16	2/13/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-16	2/13/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-16	2/13/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-16	2/13/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-16	2/13/2007	Acenaphthylene	7.3	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-16	2/13/2007	Acenaphthylene	7.4	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-16	2/13/2007	Anthracene	7.1	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-16	2/13/2007	Anthracene	7	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-16	2/13/2007	Arsenic	0.71	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-16	2/13/2007	Arsenic	0.88	MG/KG	B	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-16	2/13/2007	Barium	17.1	MG/KG	B	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-16	2/13/2007	Barium	16	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-16	2/13/2007	Benzo(A)Anthracene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Benzo(A)Anthracene	10	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Benzo(B)Fluoranthene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Benzo(B)Fluoranthene	13	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Benzo(G,H,I)Perylene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-16	2/13/2007	Benzo(G,H,I)Perylene	15	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-16	2/13/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-16	2/13/2007	Benzo(K)Fluoranthene	12	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-16	2/13/2007	Benzo[A]Pyrene	7	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-16	2/13/2007	Benzo[A]Pyrene	8.5	UG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-16	2/13/2007	Cadmium	0.062	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-16	2/13/2007	Cadmium	0.056	MG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-16	2/13/2007	Chromium	8.3	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-16	2/13/2007	Chromium	8.4	MG/KG				Y	2-4 Feet	DUP	Soil	Site Background	42.7
HSB-16	2/13/2007	Chrysene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-16	2/13/2007	Chrysene	12	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-16	2/13/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-16	2/13/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-16	2/13/2007	Fluoranthene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-16	2/13/2007	Fluoranthene	9.9	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-16	2/13/2007	Fluorene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-16	2/13/2007	Fluorene	13	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-16	2/13/2007	Indeno (1,2,3-CD) Pyrene	14	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Indeno (1,2,3-CD) Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-16	2/13/2007	Lead	5	MG/KG	J			Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-16	2/13/2007	Lead	4.9	MG/KG	J			Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-16	2/13/2007	Mercury	0.027	MG/KG	B J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-16	2/13/2007	Mercury	0.029	MG/KG	B J	B		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-16	2/13/2007	Naphthalene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-16	2/13/2007	Naphthalene	13	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-16	2/13/2007	Phenanthrene	13	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-16	2/13/2007	Phenanthrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-16	2/13/2007	Pyrene	13	UG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-16	2/13/2007	Pyrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-16	2/13/2007	Selenium	0.35	MG/KG	B	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-16	2/13/2007	Selenium	0.39	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-16	2/13/2007	Silver	0.13	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-16	2/13/2007	Silver	0.12	MG/KG				N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-17	2/14/2007	2-Methylnaphthalene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-17	2/14/2007	Acenaphthene	160	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-17	2/14/2007	Acenaphthylene	7.7	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-17	2/14/2007	Anthracene	250	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-17	2/14/2007	Arsenic	0.89	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-17	2/14/2007	Benzo[A]Pyrene	350	UG/KG	J	J	Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-17	2/14/2007	Barium	9.4	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-17	2/14/2007	Benzo(A)Anthracene	370	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-17	2/14/2007	Benzo(B)Fluoranthene	470	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-17	2/14/2007	Benzo(G,H,I)Perylene	230	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-17	2/14/2007	Benzo(K)Fluoranthene	330	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-17	2/14/2007	Cadmium	0.055	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-17	2/14/2007	Chromium	8.8	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-17	2/14/2007	Chrysene	350	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-17	2/14/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-17	2/14/2007	Fluoranthene	920	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-17	2/14/2007	Fluorene	150	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-17	2/14/2007	Indeno (1,2,3-CD) Pyrene	200	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-17	2/14/2007	Lead	5.7	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-17	2/14/2007	Mercury	0.02	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-17	2/14/2007	Naphthalene	26	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-17	2/14/2007	Phenanthrene	760	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-17	2/14/2007	Pyrene	690	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-17	2/14/2007	Selenium	0.43	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-17	2/14/2007	Silver	0.12	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-18	2/14/2007	2-Methylnaphthalene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-18	2/14/2007	Acenaphthene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-18	2/14/2007	Acenaphthylene	7.1	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-18	2/14/2007	Anthracene	6.9	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-18	2/14/2007	Arsenic	0.42	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-18	2/14/2007	Barium	11.4	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-18	2/14/2007	Benzo(A)Anthracene	9.7	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-18	2/14/2007	Benzo(B)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-18	2/14/2007	Benzo(G,H,I)Perylene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-18	2/14/2007	Benzo(K)Fluoranthene	12	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-18	2/14/2007	Benzo[A]Pyrene	6.8	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-18	2/14/2007	Cadmium	0.058	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-18	2/14/2007	Chromium	4.2	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-18	2/14/2007	Chrysene	12	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-18	2/14/2007	Dibenz(A,H)Anthracene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-18	2/14/2007	Fluoranthene	9.6	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-18	2/14/2007	Fluorene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-18	2/14/2007	Indeno (1,2,3-CD) Pyrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-18	2/14/2007	Lead	3.2	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-18	2/14/2007	Mercury	0.01	MG/KG	B J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-18	2/14/2007	Naphthalene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-18	2/14/2007	Phenanthrene	12	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-18	2/14/2007	Pyrene	12	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-18	2/14/2007	Selenium	0.36	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-18	2/14/2007	Silver	0.12	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-19	2/14/2007	2-Methylnaphthalene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-19	2/14/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-19	2/14/2007	Acenaphthylene	7.8	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-19	2/14/2007	Anthracene	7.5	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-19	2/14/2007	Arsenic	0.76	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-19	2/14/2007	Barium	12	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-19	2/14/2007	Benzo(A)Anthracene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-19	2/14/2007	Benzo(B)Fluoranthene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-19	2/14/2007	Benzo(G,H,I)Perylene	16	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-19	2/14/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-19	2/14/2007	Benzo[A]Pyrene	7.5	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-19	2/14/2007	Cadmium	0.063	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-19	2/14/2007	Chromium	5.8	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-19	2/14/2007	Chrysene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-19	2/14/2007	Dibenz(A,H)Anthracene	16	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-19	2/14/2007	Fluoranthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-19	2/14/2007	Fluorene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-19	2/14/2007	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-19	2/14/2007	Lead	5.9	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-19	2/14/2007	Mercury	0.039	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-19	2/14/2007	Naphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-19	2/14/2007	Phenanthrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-19	2/14/2007	Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-19	2/14/2007	Selenium	0.47	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-19	2/14/2007	Silver	0.13	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-20	2/14/2007	2-Methylnaphthalene	23	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-20	2/14/2007	Acenaphthene	19	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-20	2/14/2007	Acenaphthylene	7.8	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-20	2/14/2007	Anthracene	43	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-20	2/14/2007	Arsenic	1.5	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-20	2/14/2007	Benzo[A]Pyrene	390	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-20	2/14/2007	Barium	14	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-20	2/14/2007	Benzo(A)Anthracene	290	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-20	2/14/2007	Benzo(B)Fluoranthene	530	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-20	2/14/2007	Benzo(G,H,I)Perylene	320	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-20	2/14/2007	Benzo(K)Fluoranthene	360	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-20	2/14/2007	Cadmium	0.057	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-20	2/14/2007	Chromium	9.2	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-20	2/14/2007	Chrysene	310	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-20	2/14/2007	Dibenz(A,H)Anthracene	180	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-20	2/14/2007	Fluoranthene	590	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-20	2/14/2007	Fluorene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-20	2/14/2007	Indeno (1,2,3-CD) Pyrene	270	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-20	2/14/2007	Lead	7.3	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-20	2/14/2007	Mercury	0.036	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-20	2/14/2007	Naphthalene	17	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-20	2/14/2007	Phenanthrene	200	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-20	2/14/2007	Pyrene	490	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-20	2/14/2007	Selenium	0.26	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-20	2/14/2007	Silver	0.12	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-21	2/14/2007	2-Methylnaphthalene	18	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-21	2/14/2007	Acenaphthene	43	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-21	2/14/2007	Acenaphthylene	7.4	UG/KG				N	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-21	2/14/2007	Anthracene	71	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-21	2/14/2007	Arsenic	1.2	MG/KG				Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-21	2/14/2007	Barium	14.6	MG/KG	B	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-21	2/14/2007	Benzo(A)Anthracene	200	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-21	2/14/2007	Benzo(B)Fluoranthene	410	UG/KG				Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-21	2/14/2007	Benzo(G,H,I)Perylene	130	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-21	2/14/2007	Benzo(K)Fluoranthene	180	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-21	2/14/2007	Benzo[A]Pyrene	190	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-21	2/14/2007	Cadmium	0.056	MG/KG				N	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-21	2/14/2007	Chromium	11.3	MG/KG				Y	2-3.83 Feet	FS	Soil	Site Background	42.7
HSB-21	2/14/2007	Chrysene	190	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-21	2/14/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-21	2/14/2007	Fluoranthene	450	UG/KG				Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-21	2/14/2007	Fluorene	36	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-21	2/14/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-21	2/14/2007	Lead	8.2	MG/KG				Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-21	2/14/2007	Mercury	0.039	MG/KG	B J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-21	2/14/2007	Naphthalene	19	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-21	2/14/2007	Phenanthrene	280	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-21	2/14/2007	Pyrene	350	UG/KG	J	J		Y	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-21	2/14/2007	Selenium	0.22	MG/KG				N	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-21	2/14/2007	Silver	0.12	MG/KG				N	2-3.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-22	2/15/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-22	2/15/2007	Acenaphthene	200	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-22	2/15/2007	Acenaphthylene	7.6	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-22	2/15/2007	Anthracene	290	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-22	2/15/2007	Arsenic	1.6	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-22	2/15/2007	Benzo[A]Pyrene	560	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-22	2/15/2007	Barium	11.9	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-22	2/15/2007	Benzo(A)Anthracene	600	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-22	2/15/2007	Benzo(B)Fluoranthene	590	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-22	2/15/2007	Benzo(G,H,I)Perylene	310	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-22	2/15/2007	Benzo(K)Fluoranthene	540	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-22	2/15/2007	Cadmium	0.054	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-22	2/15/2007	Chromium	9.6	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-22	2/15/2007	Chrysene	580	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-22	2/15/2007	Dibenz(A,H)Anthracene	190	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-22	2/15/2007	Fluoranthene	1400	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-22	2/15/2007	Fluorene	140	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-22	2/15/2007	Indeno (1,2,3-CD) Pyrene	290	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-22	2/15/2007	Lead	6.1	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-22	2/15/2007	Mercury	0.028	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-22	2/15/2007	Naphthalene	24	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-22	2/15/2007	Phenanthrene	790	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-22	2/15/2007	Pyrene	1100	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-22	2/15/2007	Selenium	0.32	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-22	2/15/2007	Silver	0.11	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-23	2/15/2007	2-Methylnaphthalene	95	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-23	2/15/2007	Acenaphthene	140	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-23	2/15/2007	Acenaphthylene	7.5	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-23	2/15/2007	Anthracene	270	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-23	2/15/2007	Arsenic	0.79	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-23	2/15/2007	Benzo[A]Pyrene	670	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-23	2/15/2007	Barium	29.1	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-23	2/15/2007	Benzo(A)Anthracene	670	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-23	2/15/2007	Benzo(B)Fluoranthene	680	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-23	2/15/2007	Benzo(G,H,I)Perylene	400	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-23	2/15/2007	Benzo(K)Fluoranthene	650	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-23	2/15/2007	Cadmium	0.056	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-23	2/15/2007	Chromium	12.3	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-23	2/15/2007	Chrysene	680	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-23	2/15/2007	Dibenz(A,H)Anthracene	200	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-23	2/15/2007	Fluoranthene	1400	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-23	2/15/2007	Fluorene	160	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-23	2/15/2007	Indeno (1,2,3-CD) Pyrene	380	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-23	2/15/2007	Lead	25.9	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-23	2/15/2007	Mercury	0.027	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-23	2/15/2007	Naphthalene	200	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-23	2/15/2007	Phenanthrene	1100	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-23	2/15/2007	Pyrene	1000	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-23	2/15/2007	Selenium	0.41	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-23	2/15/2007	Silver	0.12	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-24	2/15/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-24	2/15/2007	Acenaphthene	27	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-24	2/15/2007	Acenaphthylene	7.3	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-24	2/15/2007	Anthracene	48	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-24	2/15/2007	Arsenic	2.4	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-24	2/15/2007	Barium	10.5	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-24	2/15/2007	Benzo(A)Anthracene	150	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-24	2/15/2007	Benzo(B)Fluoranthene	380	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-24	2/15/2007	Benzo(G,H,I)Perylene	120	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-24	2/15/2007	Benzo(K)Fluoranthene	140	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-24	2/15/2007	Benzo[A]Pyrene	150	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-24	2/15/2007	Cadmium	0.056	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-24	2/15/2007	Chromium	7.5	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-24	2/15/2007	Chrysene	150	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-24	2/15/2007	Dibenz(A,H)Anthracene	160	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-24	2/15/2007	Fluoranthene	380	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-24	2/15/2007	Fluorene	25	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-24	2/15/2007	Indeno (1,2,3-CD) Pyrene	99	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-24	2/15/2007	Lead	6.5	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-24	2/15/2007	Mercury	0.026	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-24	2/15/2007	Naphthalene	16	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-24	2/15/2007	Phenanthrene	240	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-24	2/15/2007	Pyrene	290	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-24	2/15/2007	Selenium	0.34	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-24	2/15/2007	Silver	0.12	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-25	2/15/2007	2-Methylnaphthalene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-25	2/15/2007	Acenaphthene	11	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-25	2/15/2007	Acenaphthylene	7.3	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-25	2/15/2007	Anthracene	7.1	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-25	2/15/2007	Arsenic	1.6	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-25	2/15/2007	Barium	38	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-25	2/15/2007	Benzo(A)Anthracene	10	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-25	2/15/2007	Benzo(B)Fluoranthene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-25	2/15/2007	Benzo(G,H,I)Perylene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-25	2/15/2007	Benzo(K)Fluoranthene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-25	2/15/2007	Benzo[A]Pyrene	7	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-25	2/15/2007	Cadmium	0.061	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
HSB-25	2/15/2007	Chromium	12.9	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-25	2/15/2007	Chrysene	12	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-25	2/15/2007	Dibenz(A,H)Anthracene	15	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-25	2/15/2007	Fluoranthene	9.9	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-25	2/15/2007	Fluorene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-25	2/15/2007	Indeno (1,2,3-CD) Pyrene	14	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-25	2/15/2007	Lead	10.1	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-25	2/15/2007	Mercury	0.048	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-25	2/15/2007	Naphthalene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-25	2/15/2007	Phenanthrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-25	2/15/2007	Pyrene	13	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-25	2/15/2007	Selenium	1	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-25	2/15/2007	Silver	0.13	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-26	2/15/2007	2-Methylnaphthalene	14	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
HSB-26	2/15/2007	Acenaphthene	150	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
HSB-26	2/15/2007	Acenaphthylene	7.3	UG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
HSB-26	2/15/2007	Anthracene	240	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
HSB-26	2/15/2007	Arsenic	1.1	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
HSB-26	2/15/2007	Benzo[A]Pyrene	400	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-26	2/15/2007	Barium	16.2	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
HSB-26	2/15/2007	Benzo(A)Anthracene	440	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-26	2/15/2007	Benzo(B)Fluoranthene	520	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-26	2/15/2007	Benzo(G,H,I)Perylene	230	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
HSB-26	2/15/2007	Benzo(K)Fluoranthene	350	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
HSB-26	2/15/2007	Cadmium	0.058	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
HSB-26	2/15/2007	Chromium	14.3	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
HSB-26	2/15/2007	Chrysene	430	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
HSB-26	2/15/2007	Dibenz(A,H)Anthracene	180	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
HSB-26	2/15/2007	Fluoranthene	1100	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-26	2/15/2007	Fluorene	120	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
HSB-26	2/15/2007	Indeno (1,2,3-CD) Pyrene	210	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
HSB-26	2/15/2007	Lead	19.6	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
HSB-26	2/15/2007	Mercury	0.021	MG/KG	B J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
HSB-26	2/15/2007	Naphthalene	23	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
HSB-26	2/15/2007	Phenanthrene	770	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
HSB-26	2/15/2007	Pyrene	770	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
HSB-26	2/15/2007	Selenium	0.22	MG/KG				N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
HSB-26	2/15/2007	Silver	0.17	MG/KG	B	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P1	5/25/2006	1,1,1-Trichloroethane	0.95	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
P1	5/25/2006	1,1,1-Trichloroethane	0.88	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
P1	5/25/2006	1,1,2,2-Tetrachloroethane	3.6	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
P1	5/25/2006	1,1,2,2-Tetrachloroethane	3.9	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
P1	5/25/2006	1,1,2-Trichloroethane	0.65	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P1	5/25/2006	1,1,2-Trichloroethane	0.6	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P1	5/25/2006	1,1-Dichloroethane	0.71	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
P1	5/25/2006	1,1-Dichloroethane	0.77	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
P1	5/25/2006	1,1-Dichloroethene	1.1	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
P1	5/25/2006	1,1-Dichloroethene	0.98	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
P1	5/25/2006	1,2,4-Trichlorobenzene	16	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
P1	5/25/2006	1,2,4-Trichlorobenzene	19	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
P1	5/25/2006	1,2-Dibromo-3-Chloropropane	4.9	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
P1	5/25/2006	1,2-Dibromo-3-Chloropropane	5.3	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
P1	5/25/2006	1,2-Dibromoethane (EDB)	0.93	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
P1	5/25/2006	1,2-Dibromoethane (EDB)	0.86	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
P1	5/25/2006	1,2-Dichlorobenzene	2	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
P1	5/25/2006	1,2-Dichlorobenzene	2.1	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P1	5/25/2006	1,2-Dichloroethane	0.95	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P1	5/25/2006	1,2-Dichloroethane	0.87	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P1	5/25/2006	1,2-Dichloropropane	0.84	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
P1	5/25/2006	1,2-Dichloropropane	0.77	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
P1	5/25/2006	1,3-Dichlorobenzene	1.1	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P1	5/25/2006	1,3-Dichlorobenzene	0.98	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P1	5/25/2006	1,4-Dichlorobenzene	1.4	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
P1	5/25/2006	1,4-Dichlorobenzene	1.3	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
P1	5/25/2006	2,4,5-Trichlorophenol	33	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P1	5/25/2006	2,4,5-Trichlorophenol	38	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P1	5/25/2006	2,4,6-Trichlorophenol	48	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P1	5/25/2006	2,4,6-Trichlorophenol	42	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P1	5/25/2006	2,4-Dichlorophenol	17	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P1	5/25/2006	2,4-Dichlorophenol	19	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P1	5/25/2006	2,4-Dimethylphenol	16	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
P1	5/25/2006	2,4-Dimethylphenol	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
P1	5/25/2006	2,4-Dinitrophenol	260	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
P1	5/25/2006	2,4-Dinitrophenol	300	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
P1	5/25/2006	2,4-Dinitrotoluene	42	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
P1	5/25/2006	2,4-Dinitrotoluene	37	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
P1	5/25/2006	2,6-Dinitrotoluene	61	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P1	5/25/2006	2,6-Dinitrotoluene	70	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P1	5/25/2006	2-Chloronaphthalene	13	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
P1	5/25/2006	2-Chloronaphthalene	15	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
P1	5/25/2006	2-Chlorophenol	13	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
P1	5/25/2006	2-Chlorophenol	15	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
P1	5/25/2006	2-Hexanone	3.7	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P1	5/25/2006	2-Hexanone	3.4	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P1	5/25/2006	2-Methylnaphthalene	15	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
P1	5/25/2006	2-Methylnaphthalene	17	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
P1	5/25/2006	2-Methylphenol (O-Cresol)	16	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P1	5/25/2006	2-Methylphenol (O-Cresol)	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P1	5/25/2006	2-Nitroaniline	18	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P1	5/25/2006	2-Nitroaniline	15	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P1	5/25/2006	2-Nitrophenol	59	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
P1	5/25/2006	2-Nitrophenol	68	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
P1	5/25/2006	3- And 4- Methylphenol	31	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
P1	5/25/2006	3- And 4- Methylphenol	35	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
P1	5/25/2006	3,3'-Dichlorobenzidine	42	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
P1	5/25/2006	3,3'-Dichlorobenzidine	37	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
P1	5/25/2006	3-Nitroaniline	44	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P1	5/25/2006	3-Nitroaniline	39	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P1	5/25/2006	4,6-Dinitro-2-Methylphenol	310	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800
P1	5/25/2006	4,6-Dinitro-2-Methylphenol	350	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
P1	5/25/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P1	5/25/2006	4-Bromophenyl Phenyl Ether	15	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P1	5/25/2006	4-Chloro-3-Methylphenol	17	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P1	5/25/2006	4-Chloro-3-Methylphenol	20	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P1	5/25/2006	4-Chloroaniline	14	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P1	5/25/2006	4-Chloroaniline	12	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P1	5/25/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P1	5/25/2006	4-Chlorophenyl Phenyl Ether	17	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P1	5/25/2006	4-Nitroaniline	45	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
P1	5/25/2006	4-Nitroaniline	51	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
P1	5/25/2006	4-Nitrophenol	360	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P1	5/25/2006	4-Nitrophenol	310	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P1	5/25/2006	Acenaphthene	13	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
P1	5/25/2006	Acenaphthene	11	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
P1	5/25/2006	Acenaphthylene	7.8	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
P1	5/25/2006	Acenaphthylene	8.9	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
P1	5/25/2006	Acetone	2.1	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
P1	5/25/2006	Acetone	8.1	UG/KG	J	J		Y	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
P1	5/25/2006	Anthracene	7.5	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P1	5/25/2006	Anthracene	8.6	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P1	5/25/2006	Arsenic	2.4	MG/KG	J		Y	Y	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
P1	5/25/2006	Arsenic	2.9	MG/KG	J		Y	Y	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
P1	5/25/2006	Barium	11.2	MG/KG	B	J		Y	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
P1	5/25/2006	Barium	11.1	MG/KG	B	J		Y	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
P1	5/25/2006	Benzene	0.83	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
P1	5/25/2006	Benzene	0.76	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
P1	5/25/2006	Benzo(A)Anthracene	12	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P1	5/25/2006	Benzo(A)Anthracene	11	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P1	5/25/2006	Benzo(B)Fluoranthene	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P1	5/25/2006	Benzo(B)Fluoranthene	17	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P1	5/25/2006	Benzo(G,H,I)Perylene	18	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
P1	5/25/2006	Benzo(G,H,I)Perylene	16	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
P1	5/25/2006	Benzo(K)Fluoranthene	13	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
P1	5/25/2006	Benzo(K)Fluoranthene	15	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
P1	5/25/2006	Benzo[A]Pyrene	7.5	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
P1	5/25/2006	Benzo[A]Pyrene	8.5	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
P1	5/25/2006	Biphenyl	26	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P1	5/25/2006	Biphenyl	30	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P1	5/25/2006	Bis(2-Chloro-1-Methylethyl) Ether	22	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P1	5/25/2006	Bis(2-Chloro-1-Methylethyl) Ether	19	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P1	5/25/2006	Bis(2-Chloroethoxy)Methane	13	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P1	5/25/2006	Bis(2-Chloroethoxy)Methane	15	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P1	5/25/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
P1	5/25/2006	Bis(2-Chloroethyl)Ether	19	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
P1	5/25/2006	Bis(2-Ethylhexyl)Phthalate	33	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P1	5/25/2006	Bis(2-Ethylhexyl)Phthalate	38	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P1	5/25/2006	Bromochloromethane	0.98	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P1	5/25/2006	Bromochloromethane	0.91	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P1	5/25/2006	Bromodichloromethane	0.76	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P1	5/25/2006	Bromodichloromethane	0.7	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P1	5/25/2006	Bromoform	1.4	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
P1	5/25/2006	Bromoform	1.3	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
P1	5/25/2006	Butyl Benzyl Phthalate	35	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
P1	5/25/2006	Butyl Benzyl Phthalate	30	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
P1	5/25/2006	Cadmium	0.035	MG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
P1	5/25/2006	Cadmium	0.035	MG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
P1	5/25/2006	Carbon Disulfide	1	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P1	5/25/2006	Carbon Disulfide	0.94	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P1	5/25/2006	Carbon Tetrachloride	1.4	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
P1	5/25/2006	Carbon Tetrachloride	1.3	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
P1	5/25/2006	Chlorobenzene	0.66	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P1	5/25/2006	Chlorobenzene	0.72	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P1	5/25/2006	Chlorodibromomethane	0.74	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
P1	5/25/2006	Chlorodibromomethane	0.8	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
P1	5/25/2006	Chloroform	0.9	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
P1	5/25/2006	Chloroform	0.83	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
P1	5/25/2006	Chromium	18.4	MG/KG				Y	4-4.25 Feet	DUP	Soil	Site Background	42.7
P1	5/25/2006	Chromium	18.2	MG/KG				Y	4-4.25 Feet	FS	Soil	Site Background	42.7

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P1	5/25/2006	Chrysene	15	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
P1	5/25/2006	Chrysene	13	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
P1	5/25/2006	cis-1,2 Dichloroethene	0.78	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
P1	5/25/2006	cis-1,2 Dichloroethene	0.72	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
P1	5/25/2006	cis-1,3-Dichloropropene	0.66	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P1	5/25/2006	cis-1,3-Dichloropropene	0.71	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P1	5/25/2006	Dibenz(A,H)Anthracene	15	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
P1	5/25/2006	Dibenz(A,H)Anthracene	18	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
P1	5/25/2006	Dibenzofuran	15	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
P1	5/25/2006	Dibenzofuran	13	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
P1	5/25/2006	Diethyl Phthalate	10	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
P1	5/25/2006	Diethyl Phthalate	8.9	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
P1	5/25/2006	Dimethyl Phthalate	30	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
P1	5/25/2006	Dimethyl Phthalate	26	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
P1	5/25/2006	Di-N-Butyl Phthalate	11	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P1	5/25/2006	Di-N-Butyl Phthalate	9.9	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P1	5/25/2006	Diphenyl Ether	27	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P1	5/25/2006	Diphenyl Ether	23	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P1	5/25/2006	Ethyl Chloride	0.86	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
P1	5/25/2006	Ethyl Chloride	0.79	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
P1	5/25/2006	Ethylbenzene	1	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
P1	5/25/2006	Ethylbenzene	0.97	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
P1	5/25/2006	Fluoranthene	12	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
P1	5/25/2006	Fluoranthene	11	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
P1	5/25/2006	Fluorene	16	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
P1	5/25/2006	Fluorene	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
P1	5/25/2006	Hexachlorobenzene	13	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
P1	5/25/2006	Hexachlorobenzene	12	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
P1	5/25/2006	Hexachlorobutadiene	20	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P1	5/25/2006	Hexachlorobutadiene	17	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P1	5/25/2006	Hexachlorocyclopentadiene	370	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P1	5/25/2006	Hexachlorocyclopentadiene	320	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P1	5/25/2006	Hexachloroethane	16	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
P1	5/25/2006	Hexachloroethane	18	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
P1	5/25/2006	Indeno (1,2,3-CD) Pyrene	17	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P1	5/25/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P1	5/25/2006	Isophorone	16	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
P1	5/25/2006	Isophorone	18	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
P1	5/25/2006	Lead	6.7	MG/KG				Y	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
P1	5/25/2006	Lead	7	MG/KG				Y	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
P1	5/25/2006	Mercury	0.056	MG/KG	B	J		Y	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
P1	5/25/2006	Mercury	0.018	MG/KG	B	J		Y	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
P1	5/25/2006	Methyl Bromide	0.81	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
P1	5/25/2006	Methyl Bromide	0.75	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
P1	5/25/2006	Methyl Chloride	0.77	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
P1	5/25/2006	Methyl Chloride	0.71	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
P1	5/25/2006	Methyl Ethyl Ketone	2.1	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
P1	5/25/2006	Methyl Ethyl Ketone	2.3	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
P1	5/25/2006	Methyl Isobutyl Ketone	2.1	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P1	5/25/2006	Methyl Isobutyl Ketone	1.9	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P1	5/25/2006	Methylene Chloride	1.1	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P1	5/25/2006	Methylene Chloride	1	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P1	5/25/2006	Naphthalene	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
P1	5/25/2006	Naphthalene	16	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
P1	5/25/2006	N-Dioctyl Phthalate	19	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P1	5/25/2006	N-Dioctyl Phthalate	22	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P1	5/25/2006	Nitrobenzene	23	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P1	5/25/2006	Nitrobenzene	20	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P1	5/25/2006	N-Nitrosodi-N-Propylamine	16	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
P1	5/25/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
P1	5/25/2006	N-Nitrosodiphenylamine	43	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
P1	5/25/2006	N-Nitrosodiphenylamine	49	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
P1	5/25/2006	Pentachlorophenol	290	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
P1	5/25/2006	Pentachlorophenol	340	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
P1	5/25/2006	Phenanthrene	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
P1	5/25/2006	Phenanthrene	16	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
P1	5/25/2006	Phenol	16	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
P1	5/25/2006	Phenol	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
P1	5/25/2006	Pyrene	16	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
P1	5/25/2006	Pyrene	14	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
P1	5/25/2006	Selenium	0.4	MG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P1	5/25/2006	Selenium	0.39	MG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P1	5/25/2006	Silver	0.32	MG/KG	B	J		Y	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P1	5/25/2006	Silver	0.27	MG/KG	B	J		Y	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P1	5/25/2006	Styrene	0.65	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
P1	5/25/2006	Styrene	0.6	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
P1	5/25/2006	Terephthalic Acid	6.8	MG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
P1	5/25/2006	Terephthalic Acid	5.9	MG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
P1	5/25/2006	Tetrachloroethene	1.9	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
P1	5/25/2006	Tetrachloroethene	1.8	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
P1	5/25/2006	Toluene	0.99	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
P1	5/25/2006	Toluene	0.91	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
P1	5/25/2006	trans-1,2-Dichloroethene	0.85	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P1	5/25/2006	trans-1,2-Dichloroethene	0.79	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P1	5/25/2006	trans-1,3-Dichloropropene	0.79	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P1	5/25/2006	trans-1,3-Dichloropropene	0.72	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P1	5/25/2006	Trichloroethene	1.2	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
P1	5/25/2006	Trichloroethene	1.1	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
P1	5/25/2006	Vinyl Chloride	0.87	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
P1	5/25/2006	Vinyl Chloride	0.95	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
P1	5/25/2006	Xylenes	2.6	UG/KG				N	4-4.25 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
P1	5/25/2006	Xylenes	2.4	UG/KG				N	4-4.25 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
P2	5/25/2006	1,1,1-Trichloroethane	0.84	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
P2	5/25/2006	1,1,2,2-Tetrachloroethane	3.5	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
P2	5/25/2006	1,1,2-Trichloroethane	0.57	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P2	5/25/2006	1,1-Dichloroethane	0.67	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
P2	5/25/2006	1,1-Dichloroethene	0.93	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
P2	5/25/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
P2	5/25/2006	1,2-Dibromo-3-Chloropropane	4.7	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
P2	5/25/2006	1,2-Dibromoethane (EDB)	0.82	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
P2	5/25/2006	1,2-Dichlorobenzene	1.9	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
P2	5/25/2006	1,2-Dichloroethane	0.83	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P2	5/25/2006	1,2-Dichloropropane	0.74	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
P2	5/25/2006	1,3-Dichlorobenzene	0.93	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P2	5/25/2006	1,4-Dichlorobenzene	1.2	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
P2	5/25/2006	2,4,5-Trichlorophenol	33	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P2	5/25/2006	2,4,6-Trichlorophenol	43	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P2	5/25/2006	2,4-Dichlorophenol	17	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P2	5/25/2006	2,4-Dimethylphenol	14	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
P2	5/25/2006	2,4-Dinitrophenol	260	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
P2	5/25/2006	2,4-Dinitrotoluene	37	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
P2	5/25/2006	2,6-Dinitrotoluene	62	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P2	5/25/2006	2-Chloronaphthalene	13	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
P2	5/25/2006	2-Chlorophenol	13	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
P2	5/25/2006	2-Hexanone	3.2	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P2	5/25/2006	2-Methylnaphthalene	15	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
P2	5/25/2006	2-Methylphenol (O-Cresol)	14	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P2	5/25/2006	2-Nitroaniline	16	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P2	5/25/2006	2-Nitrophenol	59	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
P2	5/25/2006	3- And 4- Methylphenol	31	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
P2	5/25/2006	3,3'-Dichlorobenzidine	37	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
P2	5/25/2006	3-Nitroaniline	39	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P2	5/25/2006	4,6-Dinitro-2-Methylphenol	310	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
P2	5/25/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P2	5/25/2006	4-Chloro-3-Methylphenol	17	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P2	5/25/2006	4-Chloroaniline	12	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P2	5/25/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P2	5/25/2006	4-Nitroaniline	45	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
P2	5/25/2006	4-Nitrophenol	320	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P2	5/25/2006	Acenaphthene	11	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
P2	5/25/2006	Acenaphthylene	7.8	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
P2	5/25/2006	Acetone	1.9	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
P2	5/25/2006	Anthracene	7.6	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P2	5/25/2006	Arsenic	2.5	MG/KG	J		Y	Y	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
P2	5/25/2006	Barium	10.5	MG/KG	B	J		Y	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
P2	5/25/2006	Benzene	0.73	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
P2	5/25/2006	Benzo(A)Anthracene	11	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P2	5/25/2006	Benzo(B)Fluoranthene	15	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P2	5/25/2006	Benzo(G,H,I)Perylene	16	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
P2	5/25/2006	Benzo(K)Fluoranthene	13	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
P2	5/25/2006	Benzo[A]Pyrene	7.5	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
P2	5/25/2006	Biphenyl	26	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P2	5/25/2006	Bis(2-Chloro-1-Methylethyl) Ether	19	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P2	5/25/2006	Bis(2-Chloroethoxy)Methane	13	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P2	5/25/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
P2	5/25/2006	Bis(2-Ethylhexyl)Phthalate	33	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P2	5/25/2006	Bromochloromethane	0.86	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P2	5/25/2006	Bromodichloromethane	0.67	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P2	5/25/2006	Bromoform	1.2	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
P2	5/25/2006	Butyl Benzyl Phthalate	31	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
P2	5/25/2006	Cadmium	0.037	MG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
P2	5/25/2006	Carbon Disulfide	0.89	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P2	5/25/2006	Carbon Tetrachloride	1.2	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
P2	5/25/2006	Chlorobenzene	0.63	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P2	5/25/2006	Chlorodibromomethane	0.71	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
P2	5/25/2006	Chloroform	0.79	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
P2	5/25/2006	Chromium	16.1	MG/KG				Y	4.42-4.83 Feet	FS	Soil	Site Background	42.7
P2	5/25/2006	Chrysene	13	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
P2	5/25/2006	cis-1,2 Dichloroethene	0.69	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
P2	5/25/2006	cis-1,3-Dichloropropene	0.63	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P2	5/25/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
P2	5/25/2006	Dibenzofuran	13	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
P2	5/25/2006	Diethyl Phthalate	8.9	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
P2	5/25/2006	Dimethyl Phthalate	27	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
P2	5/25/2006	Di-N-Butyl Phthalate	10	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P2	5/25/2006	Diphenyl Ether	23	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P2	5/25/2006	Ethyl Chloride	0.76	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
P2	5/25/2006	Ethylbenzene	0.92	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P2	5/25/2006	Fluoranthene	11	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
P2	5/25/2006	Fluorene	14	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
P2	5/25/2006	Hexachlorobenzene	12	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
P2	5/25/2006	Hexachlorobutadiene	17	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P2	5/25/2006	Hexachlorocyclopentadiene	320	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P2	5/25/2006	Hexachloroethane	16	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
P2	5/25/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P2	5/25/2006	Isophorone	16	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
P2	5/25/2006	Lead	6	MG/KG				Y	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
P2	5/25/2006	Mercury	0.081	MG/KG	B	J		Y	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
P2	5/25/2006	Methyl Bromide	0.71	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
P2	5/25/2006	Methyl Chloride	0.67	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
P2	5/25/2006	Methyl Ethyl Ketone	2	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
P2	5/25/2006	Methyl Isobutyl Ketone	1.8	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P2	5/25/2006	Methylene Chloride	0.98	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P2	5/25/2006	Naphthalene	14	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
P2	5/25/2006	N-Dioctyl Phthalate	19	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P2	5/25/2006	Nitrobenzene	20	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P2	5/25/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
P2	5/25/2006	N-Nitrosodiphenylamine	43	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
P2	5/25/2006	Pentachlorophenol	300	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
P2	5/25/2006	Phenanthrene	14	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
P2	5/25/2006	Phenol	14	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
P2	5/25/2006	Pyrene	14	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
P2	5/25/2006	Selenium	0.42	MG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P2	5/25/2006	Silver	0.27	MG/KG	B	J		Y	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P2	5/25/2006	Styrene	0.58	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
P2	5/25/2006	Terephthalic Acid	6	MG/KG		UJ		N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
P2	5/25/2006	Tetrachloroethene	2.4	UG/KG	J	J		Y	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
P2	5/25/2006	Toluene	0.87	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
P2	5/25/2006	trans-1,2-Dichloroethene	0.75	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P2	5/25/2006	trans-1,3-Dichloropropene	0.69	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P2	5/25/2006	Trichloroethene	1	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
P2	5/25/2006	Vinyl Chloride	0.83	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
P2	5/25/2006	Xylenes	2.3	UG/KG				N	4.42-4.83 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
P3	5/25/2006	1,1,1-Trichloroethane	0.72	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
P3	5/25/2006	1,1,2,2-Tetrachloroethane	3	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
P3	5/25/2006	1,1,2-Trichloroethane	0.49	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P3	5/25/2006	1,1-Dichloroethane	0.58	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
P3	5/25/2006	1,1-Dichloroethene	0.8	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
P3	5/25/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
P3	5/25/2006	1,2-Dibromo-3-Chloropropane	4	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
P3	5/25/2006	1,2-Dibromoethane (EDB)	0.7	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
P3	5/25/2006	1,2-Dichlorobenzene	1.6	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
P3	5/25/2006	1,2-Dichloroethane	0.71	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P3	5/25/2006	1,2-Dichloropropane	0.63	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
P3	5/25/2006	1,3-Dichlorobenzene	0.8	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P3	5/25/2006	1,4-Dichlorobenzene	1	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
P3	5/25/2006	2,4,5-Trichlorophenol	33	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P3	5/25/2006	2,4,6-Trichlorophenol	43	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P3	5/25/2006	2,4-Dichlorophenol	17	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P3	5/25/2006	2,4-Dimethylphenol	14	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
P3	5/25/2006	2,4-Dinitrophenol	260	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
P3	5/25/2006	2,4-Dinitrotoluene	37	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
P3	5/25/2006	2,6-Dinitrotoluene	62	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P3	5/25/2006	2-Chloronaphthalene	13	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P3	5/25/2006	2-Chlorophenol	13	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
P3	5/25/2006	2-Hexanone	2.8	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P3	5/25/2006	2-Methylnaphthalene	15	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
P3	5/25/2006	2-Methylphenol (O-Cresol)	14	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P3	5/25/2006	2-Nitroaniline	16	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P3	5/25/2006	2-Nitrophenol	59	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
P3	5/25/2006	3- And 4- Methylphenol	31	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
P3	5/25/2006	3,3'-Dichlorobenzidine	37	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
P3	5/25/2006	3-Nitroaniline	39	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P3	5/25/2006	4,6-Dinitro-2-Methylphenol	310	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
P3	5/25/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P3	5/25/2006	4-Chloro-3-Methylphenol	17	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P3	5/25/2006	4-Chloroaniline	12	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P3	5/25/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P3	5/25/2006	4-Nitroaniline	45	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
P3	5/25/2006	4-Nitrophenol	320	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P3	5/25/2006	Acenaphthene	11	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
P3	5/25/2006	Acenaphthylene	7.8	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
P3	5/25/2006	Acetone	4.9	UG/KG	J	J		Y	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
P3	5/25/2006	Anthracene	7.6	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P3	5/25/2006	Arsenic	1.9	MG/KG	J			Y	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
P3	5/25/2006	Barium	14.8	MG/KG	B	J		Y	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
P3	5/25/2006	Benzene	0.62	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
P3	5/25/2006	Benzo(A)Anthracene	11	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P3	5/25/2006	Benzo(B)Fluoranthene	15	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P3	5/25/2006	Benzo(G,H,I)Perylene	16	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
P3	5/25/2006	Benzo(K)Fluoranthene	13	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
P3	5/25/2006	Benzo[A]Pyrene	7.5	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
P3	5/25/2006	Biphenyl	26	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P3	5/25/2006	Bis(2-Chloro-1-Methylethyl) Ether	19	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P3	5/25/2006	Bis(2-Chloroethoxy)Methane	13	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P3	5/25/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
P3	5/25/2006	Bis(2-Ethylhexyl)Phthalate	33	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P3	5/25/2006	Bromochloromethane	0.74	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P3	5/25/2006	Bromodichloromethane	0.58	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P3	5/25/2006	Bromoform	1	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
P3	5/25/2006	Butyl Benzyl Phthalate	31	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
P3	5/25/2006	Cadmium	0.031	MG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
P3	5/25/2006	Carbon Disulfide	0.77	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P3	5/25/2006	Carbon Tetrachloride	1.1	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
P3	5/25/2006	Chlorobenzene	0.54	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P3	5/25/2006	Chlorodibromomethane	0.61	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
P3	5/25/2006	Chloroform	0.68	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
P3	5/25/2006	Chromium	18.4	MG/KG				Y	4.25-4.58 Feet	FS	Soil	Site Background	42.7
P3	5/25/2006	Chrysene	13	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
P3	5/25/2006	cis-1,2 Dichloroethene	0.59	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
P3	5/25/2006	cis-1,3-Dichloropropene	0.54	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P3	5/25/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
P3	5/25/2006	Dibenzofuran	13	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
P3	5/25/2006	Diethyl Phthalate	8.9	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
P3	5/25/2006	Dimethyl Phthalate	27	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
P3	5/25/2006	Di-N-Butyl Phthalate	10	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P3	5/25/2006	Diphenyl Ether	23	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P3	5/25/2006	Ethyl Chloride	0.65	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
P3	5/25/2006	Ethylbenzene	0.79	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
P3	5/25/2006	Fluoranthene	11	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P3	5/25/2006	Fluorene	14	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
P3	5/25/2006	Hexachlorobenzene	12	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
P3	5/25/2006	Hexachlorobutadiene	17	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P3	5/25/2006	Hexachlorocyclopentadiene	320	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P3	5/25/2006	Hexachloroethane	16	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
P3	5/25/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P3	5/25/2006	Isophorone	16	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
P3	5/25/2006	Lead	8.3	MG/KG				Y	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
P3	5/25/2006	Mercury	0.26	MG/KG				Y	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
P3	5/25/2006	Methyl Bromide	0.61	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
P3	5/25/2006	Methyl Chloride	0.58	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
P3	5/25/2006	Methyl Ethyl Ketone	1.7	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
P3	5/25/2006	Methyl Isobutyl Ketone	1.6	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P3	5/25/2006	Methylene Chloride	0.84	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P3	5/25/2006	Naphthalene	14	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
P3	5/25/2006	N-Dioctyl Phthalate	19	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P3	5/25/2006	Nitrobenzene	20	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P3	5/25/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
P3	5/25/2006	N-Nitrosodiphenylamine	43	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
P3	5/25/2006	Pentachlorophenol	300	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
P3	5/25/2006	Phenanthrene	14	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
P3	5/25/2006	Phenol	14	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
P3	5/25/2006	Pyrene	14	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
P3	5/25/2006	Selenium	0.35	MG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P3	5/25/2006	Silver	0.25	MG/KG	B	J		Y	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P3	5/25/2006	Styrene	0.49	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
P3	5/25/2006	Terephthalic Acid	6	MG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
P3	5/25/2006	Tetrachloroethene	1.5	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
P3	5/25/2006	Toluene	0.75	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
P3	5/25/2006	trans-1,2-Dichloroethene	0.64	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P3	5/25/2006	trans-1,3-Dichloropropene	0.59	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P3	5/25/2006	Trichloroethene	0.88	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
P3	5/25/2006	Vinyl Chloride	0.71	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
P3	5/25/2006	Xylenes	2	UG/KG				N	4.25-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
P4	5/25/2006	1,1,1-Trichloroethane	0.83	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
P4	5/25/2006	1,1,2,2-Tetrachloroethane	3.4	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
P4	5/25/2006	1,1,2-Trichloroethane	0.57	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P4	5/25/2006	1,1-Dichloroethane	0.67	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
P4	5/25/2006	1,1-Dichloroethene	0.93	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
P4	5/25/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
P4	5/25/2006	1,2-Dibromo-3-Chloropropane	4.6	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
P4	5/25/2006	1,2-Dibromoethane (EDB)	0.82	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
P4	5/25/2006	1,2-Dichlorobenzene	1.9	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
P4	5/25/2006	1,2-Dichloroethane	0.83	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P4	5/25/2006	1,2-Dichloropropane	0.74	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
P4	5/25/2006	1,3-Dichlorobenzene	0.93	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P4	5/25/2006	1,4-Dichlorobenzene	1.2	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
P4	5/25/2006	2,4,5-Trichlorophenol	33	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P4	5/25/2006	2,4,6-Trichlorophenol	43	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P4	5/25/2006	2,4-Dichlorophenol	17	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P4	5/25/2006	2,4-Dimethylphenol	14	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
P4	5/25/2006	2,4-Dinitrophenol	260	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
P4	5/25/2006	2,4-Dinitrotoluene	37	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
P4	5/25/2006	2,6-Dinitrotoluene	62	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
P4	5/25/2006	2-Chloronaphthalene	13	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
P4	5/25/2006	2-Chlorophenol	13	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P4	5/25/2006	2-Hexanone	3.2	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P4	5/25/2006	2-Methylnaphthalene	15	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
P4	5/25/2006	2-Methylphenol (O-Cresol)	14	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P4	5/25/2006	2-Nitroaniline	16	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P4	5/25/2006	2-Nitrophenol	59	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
P4	5/25/2006	3- And 4- Methylphenol	31	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
P4	5/25/2006	3,3'-Dichlorobenzidine	37	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
P4	5/25/2006	3-Nitroaniline	39	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P4	5/25/2006	4,6-Dinitro-2-Methylphenol	310	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
P4	5/25/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
P4	5/25/2006	4-Chloro-3-Methylphenol	17	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P4	5/25/2006	4-Chloroaniline	12	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
P4	5/25/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P4	5/25/2006	4-Nitroaniline	45	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
P4	5/25/2006	4-Nitrophenol	310	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P4	5/25/2006	Acenaphthene	11	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
P4	5/25/2006	Acenaphthylene	7.8	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
P4	5/25/2006	Acetone	1.9	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
P4	5/25/2006	Anthracene	7.6	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P4	5/25/2006	Arsenic	2.8	MG/KG	J		Y	Y	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
P4	5/25/2006	Barium	11.9	MG/KG	B	J		Y	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
P4	5/25/2006	Benzene	0.72	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
P4	5/25/2006	Benzo(A)Anthracene	11	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P4	5/25/2006	Benzo(B)Fluoranthene	15	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P4	5/25/2006	Benzo(G,H,I)Perylene	16	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
P4	5/25/2006	Benzo(K)Fluoranthene	13	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
P4	5/25/2006	Benzo[A]Pyrene	7.5	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
P4	5/25/2006	Biphenyl	26	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P4	5/25/2006	Bis(2-Chloro-1-Methylethyl) Ether	19	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P4	5/25/2006	Bis(2-Chloroethoxy)Methane	13	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
P4	5/25/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
P4	5/25/2006	Bis(2-Ethylhexyl)Phthalate	33	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
P4	5/25/2006	Bromochloromethane	0.86	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P4	5/25/2006	Bromodichloromethane	0.67	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
P4	5/25/2006	Bromoform	1.2	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
P4	5/25/2006	Butyl Benzyl Phthalate	31	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
P4	5/25/2006	Cadmium	0.037	MG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
P4	5/25/2006	Carbon Disulfide	0.89	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P4	5/25/2006	Carbon Tetrachloride	1.2	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
P4	5/25/2006	Chlorobenzene	0.63	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
P4	5/25/2006	Chlorodibromomethane	0.71	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
P4	5/25/2006	Chloroform	0.79	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
P4	5/25/2006	Chromium	16.6	MG/KG				Y	4.33-4.58 Feet	FS	Soil	Site Background	42.7
P4	5/25/2006	Chrysene	13	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
P4	5/25/2006	cis-1,2 Dichloroethene	0.69	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
P4	5/25/2006	cis-1,3-Dichloropropene	0.63	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P4	5/25/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
P4	5/25/2006	Dibenzofuran	13	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
P4	5/25/2006	Diethyl Phthalate	8.9	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
P4	5/25/2006	Dimethyl Phthalate	27	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
P4	5/25/2006	Di-N-Butyl Phthalate	10	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
P4	5/25/2006	Diphenyl Ether	23	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
P4	5/25/2006	Ethyl Chloride	0.75	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
P4	5/25/2006	Ethylbenzene	0.92	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
P4	5/25/2006	Fluoranthene	11	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
P4	5/25/2006	Fluorene	14	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
P4	5/25/2006	Hexachlorobenzene	12	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
P4	5/25/2006	Hexachlorobutadiene	17	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
P4	5/25/2006	Hexachlorocyclopentadiene	320	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
P4	5/25/2006	Hexachloroethane	16	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
P4	5/25/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
P4	5/25/2006	Isophorone	16	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
P4	5/25/2006	Lead	6.7	MG/KG				Y	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
P4	5/25/2006	Mercury	0.32	MG/KG				Y	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
P4	5/25/2006	Methyl Bromide	0.71	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
P4	5/25/2006	Methyl Chloride	0.67	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
P4	5/25/2006	Methyl Ethyl Ketone	2	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
P4	5/25/2006	Methyl Isobutyl Ketone	1.8	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
P4	5/25/2006	Methylene Chloride	0.98	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
P4	5/25/2006	Naphthalene	14	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
P4	5/25/2006	N-Dioctyl Phthalate	19	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
P4	5/25/2006	Nitrobenzene	20	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
P4	5/25/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
P4	5/25/2006	N-Nitrosodiphenylamine	43	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
P4	5/25/2006	Pentachlorophenol	290	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
P4	5/25/2006	Phenanthrene	14	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
P4	5/25/2006	Phenol	14	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
P4	5/25/2006	Pyrene	14	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
P4	5/25/2006	Selenium	0.42	MG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P4	5/25/2006	Silver	0.3	MG/KG	B	J		Y	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
P4	5/25/2006	Styrene	0.57	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
P4	5/25/2006	Terephthalic Acid	5.9	MG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
P4	5/25/2006	Tetrachloroethene	1.7	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
P4	5/25/2006	Toluene	0.87	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
P4	5/25/2006	trans-1,2-Dichloroethene	0.75	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
P4	5/25/2006	trans-1,3-Dichloropropene	0.69	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
P4	5/25/2006	Trichloroethene	1	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
P4	5/25/2006	Vinyl Chloride	0.83	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
P4	5/25/2006	Xylenes	2.3	UG/KG				N	4.33-4.58 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-10	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-10	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-10	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-10	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-10	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-10	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-10	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-10	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-10	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-10	7/2/2008	1,2,4,5-Tetrachlorobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-10	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-10	7/2/2008	1,2,4-Trichlorobenzene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-10	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-10	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-10	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-10	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-10	7/2/2008	1,2-Dichlorobenzene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-10	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-10	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-10	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-10	7/2/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-10	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-10	7/2/2008	1,3-Dichlorobenzene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-10	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-10	7/2/2008	1,3-Dinitrobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-10	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-10	7/2/2008	1,4-Dichlorobenzene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-10	7/2/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-10	7/2/2008	1,4-Naphthoquinone	880	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-10	7/2/2008	1-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-10	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-10	7/2/2008	2,3,4,6-Tetrachlorophenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-10	7/2/2008	2,4,5-Trichlorophenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-10	7/2/2008	2,4,6-Trichlorophenol	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-10	7/2/2008	2,4-Dichlorophenol	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-10	7/2/2008	2,4-Dimethylphenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-10	7/2/2008	2,4-Dinitrophenol	710	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-10	7/2/2008	2,4-Dinitrotoluene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-10	7/2/2008	2,6-Dichlorophenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-10	7/2/2008	2,6-Dinitrotoluene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-10	7/2/2008	2-Acetylaminofluorene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-10	7/2/2008	2-Chloronaphthalene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-10	7/2/2008	2-Chlorophenol	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-10	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-10	7/2/2008	2-Methylnaphthalene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-10	7/2/2008	2-Methylphenol (O-Cresol)	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-10	7/2/2008	2-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-10	7/2/2008	2-Nitroaniline	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-10	7/2/2008	2-Nitrophenol	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-10	7/2/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-10	7/2/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-10	7/2/2008	3,3'-Dimethylbenzidine	350	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-10	7/2/2008	3-Methylcholanthrene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-10	7/2/2008	3-Nitroaniline	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-10	7/2/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-10	7/2/2008	4-Aminobiphenyl	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-10	7/2/2008	4-Bromophenyl Phenyl Ether	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-10	7/2/2008	4-Chloro-3-Methylphenol	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-10	7/2/2008	4-Chloroaniline	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-10	7/2/2008	4-Chlorophenyl Phenyl Ether	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-10	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-10	7/2/2008	4-Dimethylaminoazobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-10	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-10	7/2/2008	4-Methylphenol (P-Cresol)	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-10	7/2/2008	4-Nitroaniline	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-10	7/2/2008	4-Nitrophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-10	7/2/2008	4-Nitroquinoline-N-Oxide	350	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-10	7/2/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-10	7/2/2008	7,12-Dimethylbenz[A]Anthracene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-10	7/2/2008	Acenaphthene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-10	7/2/2008	Acenaphthylene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-10	7/2/2008	Acetophenone	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-10	7/2/2008	Aniline	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-10	7/2/2008	Anthracene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-10	7/2/2008	Arsenic	1.83	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-10	7/2/2008	Barium	20.2	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-10	7/2/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-10	7/2/2008	Benzo(A)Anthracene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-10	7/2/2008	Benzo(B)Fluoranthene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-10	7/2/2008	Benzo(G,H,I)Perylene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-10	7/2/2008	Benzo(K)Fluoranthene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-10	7/2/2008	Benzo[A]Pyrene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-10	7/2/2008	Benzyl Alcohol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-10	7/2/2008	Bis(2-Chloroethoxy)Methane	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-10	7/2/2008	Bis(2-Chloroethyl)Ether	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-10	7/2/2008	Bis(2-Chloroisopropyl)Ether	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-10	7/2/2008	Bis(2-Ethylhexyl)Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-10	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-10	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-10	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-10	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-10	7/2/2008	Butyl Benzyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-10	7/2/2008	Cadmium	0.146	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-10	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-10	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-10	7/2/2008	Chlorobenzilate	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-10	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-10	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-10	7/2/2008	Chromium	9.72	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-10	7/2/2008	Chrysene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-10	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-10	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-10	7/2/2008	Diallate	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-10	7/2/2008	Dibenz(A,H)Anthracene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-10	7/2/2008	Dibenzofuran	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-10	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-10	7/2/2008	Diethyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-10	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-10	7/2/2008	Dimethoate	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-10	7/2/2008	Dimethyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-10	7/2/2008	Di-N-Butyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-10	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-10	7/2/2008	Ethyl Methanesulfonate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-10	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-10	7/2/2008	Fluoranthene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-10	7/2/2008	Fluorene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-10	7/2/2008	Hexachlorobenzene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-10	7/2/2008	Hexachlorobutadiene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-10	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-10	7/2/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-10	7/2/2008	Hexachloroethane	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-10	7/2/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-10	7/2/2008	Indeno (1,2,3-CD) Pyrene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-10	7/2/2008	Isodrin	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-10	7/2/2008	Isophorone	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-10	7/2/2008	Isosafrole	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-10	7/2/2008	Lead	7.48	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-10	7/2/2008	Mercury	0.0324	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-10	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-10	7/2/2008	Methapyrilene	1800	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-10	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-10	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-10	7/2/2008	Methyl Methanesulfonate	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-10	7/2/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-10	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-10	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-10	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-10	7/2/2008	Naphthalene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-10	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-10	7/2/2008	N-Dioctyl Phthalate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-10	7/2/2008	Nitrobenzene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-10	7/2/2008	N-Nitroso(Methyl)Ethylamine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-10	7/2/2008	N-Nitrosodiethylamine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-10	7/2/2008	N-Nitrosodimethylamine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-10	7/2/2008	N-Nitroso-Di-N-Butylamine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-10	7/2/2008	N-Nitrosodi-N-Propylamine	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-10	7/2/2008	N-Nitrosodiphenylamine	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-10	7/2/2008	N-Nitrosomorpholine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-10	7/2/2008	N-Nitrosopiperidine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-10	7/2/2008	N-Nitrosopyrrolidine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-10	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-10	7/2/2008	O,O,O-Triethylphosphorothioate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-10	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-10	7/2/2008	O-Toluidine	210	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-10	7/2/2008	para-Phenylenediamine	12000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-10	7/2/2008	Pentachlorobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-10	7/2/2008	Pentachloronitrobenzene	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-10	7/2/2008	Pentachlorophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-10	7/2/2008	Phenacetin	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-10	7/2/2008	Phenanthrene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-10	7/2/2008	Phenol	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-10	7/2/2008	Pronamide	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-10	7/2/2008	Pyrene	35	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-10	7/2/2008	Pyridine	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-10	7/2/2008	Safrole	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-10	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-10	7/2/2008	Selenium	1.02	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-10	7/2/2008	Silver	0.177	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-10	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-10	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-10	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-10	7/2/2008	Tetraethyl Dithiopyrophosphate	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-10	7/2/2008	Thionazin	71	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-10	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-10	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-10	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-10	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-10	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-11	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-11	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-11	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-11	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-11	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-11	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-11	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-11	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-11	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-11	7/2/2008	1,2,4,5-Tetrachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-11	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-11	7/2/2008	1,2,4-Trichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-11	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-11	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-11	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-11	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-11	7/2/2008	1,2-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-11	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-11	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-11	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-11	7/2/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-11	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-11	7/2/2008	1,3-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-11	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-11	7/2/2008	1,3-Dinitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-11	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-11	7/2/2008	1,4-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-11	7/2/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-11	7/2/2008	1,4-Naphthoquinone	910	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-11	7/2/2008	1-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-11	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-11	7/2/2008	2,3,4,6-Tetrachlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-11	7/2/2008	2,4,5-Trichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-11	7/2/2008	2,4,6-Trichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-11	7/2/2008	2,4-Dichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-11	7/2/2008	2,4-Dimethylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-11	7/2/2008	2,4-Dinitrophenol	730	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-11	7/2/2008	2,4-Dinitrotoluene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-11	7/2/2008	2,6-Dichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-11	7/2/2008	2,6-Dinitrotoluene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-11	7/2/2008	2-Acetylaminofluorene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-11	7/2/2008	2-Chloronaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-11	7/2/2008	2-Chlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-11	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-11	7/2/2008	2-Methylnaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-11	7/2/2008	2-Methylphenol (O-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-11	7/2/2008	2-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-11	7/2/2008	2-Nitroaniline	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-11	7/2/2008	2-Nitrophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-11	7/2/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-11	7/2/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-11	7/2/2008	3,3'-Dimethylbenzidine	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-11	7/2/2008	3-Methylcholanthrene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-11	7/2/2008	3-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-11	7/2/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-11	7/2/2008	4-Aminobiphenyl	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-11	7/2/2008	4-Bromophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-11	7/2/2008	4-Chloro-3-Methylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-11	7/2/2008	4-Chloroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-11	7/2/2008	4-Chlorophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-11	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-11	7/2/2008	4-Dimethylaminoazobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-11	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-11	7/2/2008	4-Methylphenol (P-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-11	7/2/2008	4-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-11	7/2/2008	4-Nitrophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-11	7/2/2008	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-11	7/2/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-11	7/2/2008	7,12-Dimethylbenz[A]Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-11	7/2/2008	Acenaphthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-11	7/2/2008	Acenaphthylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-11	7/2/2008	Acetophenone	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-11	7/2/2008	Aniline	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-11	7/2/2008	Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-11	7/2/2008	Arsenic	1.02	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-11	7/2/2008	Barium	6.65	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-11	7/2/2008	Benzene	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-11	7/2/2008	Benzo(A)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-11	7/2/2008	Benzo(B)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-11	7/2/2008	Benzo(G,H,I)Perylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-11	7/2/2008	Benzo(K)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-11	7/2/2008	Benzo[A]Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-11	7/2/2008	Benzyl Alcohol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-11	7/2/2008	Bis(2-Chloroethoxy)Methane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-11	7/2/2008	Bis(2-Chloroethyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-11	7/2/2008	Bis(2-Chloroisopropyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-11	7/2/2008	Bis(2-Ethylhexyl)Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-11	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-11	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-11	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-11	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-11	7/2/2008	Butyl Benzyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-11	7/2/2008	Cadmium	0.15	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-11	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-11	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-11	7/2/2008	Chlorobenzilate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-11	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-11	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-11	7/2/2008	Chromium	4.17	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-11	7/2/2008	Chrysene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-11	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-11	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-11	7/2/2008	Diallate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-11	7/2/2008	Dibenz(A,H)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-11	7/2/2008	Dibenzofuran	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-11	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-11	7/2/2008	Diethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-11	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-11	7/2/2008	Dimethoate	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-11	7/2/2008	Dimethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-11	7/2/2008	Di-N-Butyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-11	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-11	7/2/2008	Ethyl Methanesulfonate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-11	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-11	7/2/2008	Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-11	7/2/2008	Fluorene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-11	7/2/2008	Hexachlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-11	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-11	7/2/2008	Hexachlorobutadiene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-11	7/2/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-11	7/2/2008	Hexachloroethane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-11	7/2/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-11	7/2/2008	Indeno (1,2,3-CD) Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-11	7/2/2008	Isodrin	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-11	7/2/2008	Isophorone	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-11	7/2/2008	Isosafrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-11	7/2/2008	Lead	3.03	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-11	7/2/2008	Mercury	0.0364	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-11	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-11	7/2/2008	Methapyrilene	1800	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-11	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-11	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-11	7/2/2008	Methyl Methanesulfonate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-11	7/2/2008	Methyl Tertiary Butyl Ether	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-11	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-11	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-11	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-11	7/2/2008	Naphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-11	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-11	7/2/2008	N-Dioctyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-11	7/2/2008	Nitrobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-11	7/2/2008	N-Nitroso(Methyl)Ethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-11	7/2/2008	N-Nitrosodiethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-11	7/2/2008	N-Nitrosodimethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-11	7/2/2008	N-Nitroso-Di-N-Butylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-11	7/2/2008	N-Nitrosodi-N-Propylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-11	7/2/2008	N-Nitrosodiphenylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-11	7/2/2008	N-Nitrosomorpholine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-11	7/2/2008	N-Nitrosopiperidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-11	7/2/2008	N-Nitrosopyrrolidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-11	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-11	7/2/2008	O,O,O-Triethylphosphorothioate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-11	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-11	7/2/2008	O-Toluidine	220	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-11	7/2/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-11	7/2/2008	Pentachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-11	7/2/2008	Pentachloronitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-11	7/2/2008	Pentachlorophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-11	7/2/2008	Phenacetin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-11	7/2/2008	Phenanthrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-11	7/2/2008	Phenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-11	7/2/2008	Pronamide	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-11	7/2/2008	Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-11	7/2/2008	Pyridine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-11	7/2/2008	Safrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-11	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-11	7/2/2008	Selenium	1.05	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-11	7/2/2008	Silver	0.183	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-11	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-11	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-11	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-11	7/2/2008	Tetraethyl Dithiopyrophosphate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-11	7/2/2008	Thionazin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-11	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-11	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-11	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-11	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-11	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-12	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-12	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-12	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-12	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-12	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-12	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-12	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-12	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-12	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-12	7/2/2008	1,2,4,5-Tetrachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-12	7/2/2008	1,2,4-Trichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-12	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-12	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-12	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-12	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-12	7/2/2008	1,2-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-12	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-12	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-12	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-12	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-12	7/2/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-12	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-12	7/2/2008	1,3-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-12	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-12	7/2/2008	1,3-Dinitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-12	7/2/2008	1,4-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-12	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-12	7/2/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-12	7/2/2008	1,4-Naphthoquinone	920	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-12	7/2/2008	1-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-12	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-12	7/2/2008	2,3,4,6-Tetrachlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-12	7/2/2008	2,4,5-Trichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-12	7/2/2008	2,4,6-Trichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-12	7/2/2008	2,4-Dichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-12	7/2/2008	2,4-Dimethylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-12	7/2/2008	2,4-Dinitrophenol	730	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-12	7/2/2008	2,4-Dinitrotoluene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-12	7/2/2008	2,6-Dichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-12	7/2/2008	2,6-Dinitrotoluene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-12	7/2/2008	2-Acetylaminofluorene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-12	7/2/2008	2-Chloronaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-12	7/2/2008	2-Chlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-12	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-12	7/2/2008	2-Methylnaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-12	7/2/2008	2-Methylphenol (O-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-12	7/2/2008	2-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-12	7/2/2008	2-Nitroaniline	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-12	7/2/2008	2-Nitrophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-12	7/2/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-12	7/2/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-12	7/2/2008	3,3'-Dimethylbenzidine	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-12	7/2/2008	3-Methylcholanthrene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-12	7/2/2008	3-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-12	7/2/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-12	7/2/2008	4-Aminobiphenyl	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-12	7/2/2008	4-Bromophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-12	7/2/2008	4-Chloro-3-Methylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-12	7/2/2008	4-Chloroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-12	7/2/2008	4-Chlorophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-12	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-12	7/2/2008	4-Dimethylaminoazobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-12	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-12	7/2/2008	4-Methylphenol (P-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-12	7/2/2008	4-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-12	7/2/2008	4-Nitrophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-12	7/2/2008	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-12	7/2/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-12	7/2/2008	7,12-Dimethylbenz[A]Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-12	7/2/2008	Acenaphthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-12	7/2/2008	Acenaphthylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-12	7/2/2008	Acetophenone	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-12	7/2/2008	Aniline	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-12	7/2/2008	Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-12	7/2/2008	Arsenic	1.25	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-12	7/2/2008	Barium	35.6	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-12	7/2/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-12	7/2/2008	Benzo(A)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-12	7/2/2008	Benzo(B)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-12	7/2/2008	Benzo(G,H,I)Perylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-12	7/2/2008	Benzo(K)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-12	7/2/2008	Benzo[A]Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-12	7/2/2008	Benzyl Alcohol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-12	7/2/2008	Bis(2-Chloroethoxy)Methane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-12	7/2/2008	Bis(2-Chloroethyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-12	7/2/2008	Bis(2-Chloroisopropyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-12	7/2/2008	Bis(2-Ethylhexyl)Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-12	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-12	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-12	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-12	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-12	7/2/2008	Butyl Benzyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-12	7/2/2008	Cadmium	0.149	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-12	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-12	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-12	7/2/2008	Chlorobenzilate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-12	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-12	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-12	7/2/2008	Chromium	20.7	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-12	7/2/2008	Chrysene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-12	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-12	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-12	7/2/2008	Diallate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-12	7/2/2008	Dibenz(A,H)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-12	7/2/2008	Dibenzofuran	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-12	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-12	7/2/2008	Diethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-12	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-12	7/2/2008	Dimethoate	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-12	7/2/2008	Dimethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-12	7/2/2008	Di-N-Butyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-12	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-12	7/2/2008	Ethyl Methanesulfonate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-12	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-12	7/2/2008	Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-12	7/2/2008	Fluorene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-12	7/2/2008	Hexachlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-12	7/2/2008	Hexachlorobutadiene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-12	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-12	7/2/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-12	7/2/2008	Hexachloroethane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-12	7/2/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-12	7/2/2008	Indeno (1,2,3-CD) Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-12	7/2/2008	Isodrin	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-12	7/2/2008	Isophorone	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-12	7/2/2008	Isosafrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-12	7/2/2008	Lead	5.63	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-12	7/2/2008	Mercury	0.0298	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-12	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-12	7/2/2008	Methapyrilene	1800	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-12	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-12	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-12	7/2/2008	Methyl Methanesulfonate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-12	7/2/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-12	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-12	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-12	7/2/2008	Naphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-12	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-12	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-12	7/2/2008	N-Dioctyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-12	7/2/2008	Nitrobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-12	7/2/2008	N-Nitroso(Methyl)Ethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-12	7/2/2008	N-Nitrosodiethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-12	7/2/2008	N-Nitrosodimethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-12	7/2/2008	N-Nitroso-Di-N-Butylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-12	7/2/2008	N-Nitrosodi-N-Propylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-12	7/2/2008	N-Nitrosodiphenylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-12	7/2/2008	N-Nitrosomorpholine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-12	7/2/2008	N-Nitrosopiperidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-12	7/2/2008	N-Nitrosopyrrolidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-12	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-12	7/2/2008	O,O,O-Triethylphosphorothioate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-12	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-12	7/2/2008	O-Toluidine	220	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-12	7/2/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-12	7/2/2008	Pentachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-12	7/2/2008	Pentachloronitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-12	7/2/2008	Pentachlorophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-12	7/2/2008	Phenacetin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-12	7/2/2008	Phenanthrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-12	7/2/2008	Phenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-12	7/2/2008	Pronamide	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-12	7/2/2008	Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-12	7/2/2008	Pyridine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-12	7/2/2008	Safrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-12	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-12	7/2/2008	Selenium	1.05	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-12	7/2/2008	Silver	0.181	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-12	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-12	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-12	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-12	7/2/2008	Tetraethyl Dithiopyrophosphate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-12	7/2/2008	Thionazin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-12	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-12	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-12	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-12	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-12	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-13	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-13	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-13	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-13	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-13	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-13	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-13	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-13	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-13	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-13	7/2/2008	1,2,4,5-Tetrachlorobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-13	7/2/2008	1,2,4-Trichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-13	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-13	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-13	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-13	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-13	7/2/2008	1,2-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-13	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-13	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-13	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-13	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-13	7/2/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-13	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-13	7/2/2008	1,3-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-13	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-13	7/2/2008	1,3-Dinitrobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-13	7/2/2008	1,4-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-13	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-13	7/2/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-13	7/2/2008	1,4-Naphthoquinone	970	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-13	7/2/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-13	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-13	7/2/2008	2,3,4,6-Tetrachlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-13	7/2/2008	2,4,5-Trichlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-13	7/2/2008	2,4,6-Trichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-13	7/2/2008	2,4-Dichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-13	7/2/2008	2,4-Dimethylphenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-13	7/2/2008	2,4-Dinitrophenol	780	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-13	7/2/2008	2,4-Dinitrotoluene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-13	7/2/2008	2,6-Dichlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-13	7/2/2008	2,6-Dinitrotoluene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-13	7/2/2008	2-Acetylaminofluorene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-13	7/2/2008	2-Chloronaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-13	7/2/2008	2-Chlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-13	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-13	7/2/2008	2-Methylnaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-13	7/2/2008	2-Methylphenol (O-Cresol)	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-13	7/2/2008	2-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-13	7/2/2008	2-Nitroaniline	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-13	7/2/2008	2-Nitrophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-13	7/2/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-13	7/2/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-13	7/2/2008	3,3'-Dimethylbenzidine	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-13	7/2/2008	3-Methylcholanthrene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-13	7/2/2008	3-Nitroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-13	7/2/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-13	7/2/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-13	7/2/2008	4-Bromophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-13	7/2/2008	4-Chloro-3-Methylphenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-13	7/2/2008	4-Chloroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-13	7/2/2008	4-Chlorophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-13	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-13	7/2/2008	4-Dimethylaminoazobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-13	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-13	7/2/2008	4-Methylphenol (P-Cresol)	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-13	7/2/2008	4-Nitroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-13	7/2/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-13	7/2/2008	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-13	7/2/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-13	7/2/2008	7,12-Dimethylbenz[A]Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-13	7/2/2008	Acenaphthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-13	7/2/2008	Acenaphthylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-13	7/2/2008	Acetophenone	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-13	7/2/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-13	7/2/2008	Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-13	7/2/2008	Arsenic	7.11	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-13	7/2/2008	Chromium	307	MG/KG			Y	Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-13	7/2/2008	Barium	187	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-13	7/2/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-13	7/2/2008	Benzo(A)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-13	7/2/2008	Benzo(B)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-13	7/2/2008	Benzo(G,H,I)Perylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-13	7/2/2008	Benzo(K)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-13	7/2/2008	Benzo[A]Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-13	7/2/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-13	7/2/2008	Bis(2-Chloroethoxy)Methane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-13	7/2/2008	Bis(2-Chloroethyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-13	7/2/2008	Bis(2-Chloroisopropyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-13	7/2/2008	Bis(2-Ethylhexyl)Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-13	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-13	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-13	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-13	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-13	7/2/2008	Butyl Benzyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-13	7/2/2008	Cadmium	0.177	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-13	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-13	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-13	7/2/2008	Chlorobenzilate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-13	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-13	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-13	7/2/2008	Chrysene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-13	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-13	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-13	7/2/2008	Diallate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-13	7/2/2008	Dibenz(A,H)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-13	7/2/2008	Dibenzofuran	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-13	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-13	7/2/2008	Diethyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-13	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-13	7/2/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-13	7/2/2008	Dimethyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-13	7/2/2008	Di-N-Butyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-13	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-13	7/2/2008	Ethyl Methanesulfonate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-13	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-13	7/2/2008	Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-13	7/2/2008	Fluorene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-13	7/2/2008	Hexachlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-13	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-13	7/2/2008	Hexachlorobutadiene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-13	7/2/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-13	7/2/2008	Hexachloroethane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-13	7/2/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-13	7/2/2008	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-13	7/2/2008	Isodrin	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-13	7/2/2008	Isophorone	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-13	7/2/2008	Isosafrole	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-13	7/2/2008	Lead	3.83	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-13	7/2/2008	Mercury	0.0459	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-13	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-13	7/2/2008	Methapyrilene	1900	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-13	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-13	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-13	7/2/2008	Methyl Methanesulfonate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-13	7/2/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-13	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-13	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-13	7/2/2008	Naphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-13	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-13	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-13	7/2/2008	N-Dioctyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-13	7/2/2008	Nitrobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-13	7/2/2008	N-Nitroso(Methyl)Ethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-13	7/2/2008	N-Nitrosodiethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-13	7/2/2008	N-Nitrosodimethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-13	7/2/2008	N-Nitroso-Di-N-Butylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-13	7/2/2008	N-Nitrosodi-N-Propylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-13	7/2/2008	N-Nitrosodiphenylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-13	7/2/2008	N-Nitrosomorpholine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-13	7/2/2008	N-Nitrosopiperidine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-13	7/2/2008	N-Nitrosopyrrolidine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-13	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-13	7/2/2008	O,O,O-Triethylphosphorothioate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-13	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-13	7/2/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-13	7/2/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-13	7/2/2008	Pentachlorobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-13	7/2/2008	Pentachloronitrobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-13	7/2/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-13	7/2/2008	Phenacetin	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-13	7/2/2008	Phenanthrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-13	7/2/2008	Phenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-13	7/2/2008	Pronamide	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-13	7/2/2008	Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-13	7/2/2008	Pyridine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-13	7/2/2008	Safrole	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-13	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-13	7/2/2008	Selenium	1.12	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-13	7/2/2008	Silver	0.194	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-13	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-13	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-13	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-13	7/2/2008	Tetraethyl Dithiopyrophosphate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-13	7/2/2008	Thionazin	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-13	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-13	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-13	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-13	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-13	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-14	6/30/2008	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-14	6/30/2008	1,1,1-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-14	6/30/2008	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-14	6/30/2008	1,1,2-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-14	6/30/2008	1,1-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-14	6/30/2008	1,1-Dichloroethene	1	UG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-14	6/30/2008	1,1-Dichloropropene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-14	6/30/2008	1,2,3-Trichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-14	6/30/2008	1,2,3-Trichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-14	6/30/2008	1,2,4,5-Tetrachlorobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-14	6/30/2008	1,2,4-Trichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-14	6/30/2008	1,2,4-Trichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-14	6/30/2008	1,2,4-Trimethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-14	6/30/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-14	6/30/2008	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-14	6/30/2008	1,2-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-14	6/30/2008	1,2-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-14	6/30/2008	1,2-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-14	6/30/2008	1,2-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-14	6/30/2008	1,3,5-Trimethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-14	6/30/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-14	6/30/2008	1,3-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-14	6/30/2008	1,3-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-14	6/30/2008	1,3-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-14	6/30/2008	1,3-Dinitrobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-14	6/30/2008	1,4-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-14	6/30/2008	1,4-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-14	6/30/2008	1,4-Dioxane	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-14	6/30/2008	1,4-Naphthoquinone	990	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-14	6/30/2008	1-Naphthylamine	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-14	6/30/2008	2,2-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-14	6/30/2008	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-14	6/30/2008	2,4,5-Trichlorophenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-14	6/30/2008	2,4,6-Trichlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-14	6/30/2008	2,4-Dichlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-14	6/30/2008	2,4-Dimethylphenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-14	6/30/2008	2,4-Dinitrophenol	790	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-14	6/30/2008	2,4-Dinitrotoluene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-14	6/30/2008	2,6-Dichlorophenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-14	6/30/2008	2,6-Dinitrotoluene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-14	6/30/2008	2-Acetylaminofluorene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-14	6/30/2008	2-Chloronaphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-14	6/30/2008	2-Chlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-14	6/30/2008	2-Chlorotoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-14	6/30/2008	2-Methylnaphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-14	6/30/2008	2-Methylphenol (O-Cresol)	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-14	6/30/2008	2-Naphthylamine	200	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-14	6/30/2008	2-Nitroaniline	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-14	6/30/2008	2-Nitrophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-14	6/30/2008	2-Picoline	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-14	6/30/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-14	6/30/2008	3,3'-Dimethylbenzidine	400	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-14	6/30/2008	3-Methylcholanthrene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-14	6/30/2008	3-Nitroaniline	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-14	6/30/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-14	6/30/2008	4-Aminobiphenyl	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-14	6/30/2008	4-Bromophenyl Phenyl Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-14	6/30/2008	4-Chloro-3-Methylphenol	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-14	6/30/2008	4-Chloroaniline	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-14	6/30/2008	4-Chlorophenyl Phenyl Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-14	6/30/2008	4-Chlorotoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-14	6/30/2008	4-Dimethylaminoazobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-14	6/30/2008	4-Isopropyltoluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-14	6/30/2008	4-Methylphenol (P-Cresol)	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-14	6/30/2008	4-Nitroaniline	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-14	6/30/2008	4-Nitrophenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-14	6/30/2008	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-14	6/30/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-14	6/30/2008	7,12-Dimethylbenz[A]Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-14	6/30/2008	Acenaphthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-14	6/30/2008	Acenaphthylene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-14	6/30/2008	Acetophenone	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-14	6/30/2008	Aniline	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-14	6/30/2008	Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-14	6/30/2008	Arsenic	1.8	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-14	6/30/2008	Barium	14	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-14	6/30/2008	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-14	6/30/2008	Benzo(A)Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-14	6/30/2008	Benzo(B)Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-14	6/30/2008	Benzo(G,H,I)Perylene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-14	6/30/2008	Benzo(K)Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-14	6/30/2008	Benzo[A]Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-14	6/30/2008	Benzyl Alcohol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-14	6/30/2008	Bis(2-Chloroethoxy)Methane	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-14	6/30/2008	Bis(2-Chloroethyl)Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-14	6/30/2008	Bis(2-Chloroisopropyl)Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-14	6/30/2008	Bis(2-Ethylhexyl)Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-14	6/30/2008	Bromobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-14	6/30/2008	Bromochloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-14	6/30/2008	Bromodichloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-14	6/30/2008	Bromoform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-14	6/30/2008	Butyl Benzyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-14	6/30/2008	Cadmium	0.164	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-14	6/30/2008	Carbon Tetrachloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-14	6/30/2008	Chlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-14	6/30/2008	Chlorobenzilate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-14	6/30/2008	Chlorodibromomethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-14	6/30/2008	Chloroform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-14	6/30/2008	Chromium	14.6	MG/KG				Y	3-5 Feet	FS	Soil	Site Background	42.7
RW-14	6/30/2008	Chrysene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-14	6/30/2008	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-14	6/30/2008	Cumene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-14	6/30/2008	Diallate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-14	6/30/2008	Dibenz(A,H)Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-14	6/30/2008	Dibenzofuran	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-14	6/30/2008	Dichlorodifluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-14	6/30/2008	Diethyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-14	6/30/2008	Diisopropyl Ether	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-14	6/30/2008	Dimethoate	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-14	6/30/2008	Dimethyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-14	6/30/2008	Di-N-Butyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-14	6/30/2008	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-14	6/30/2008	Ethyl Methanesulfonate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-14	6/30/2008	Ethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-14	6/30/2008	Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-14	6/30/2008	Fluorene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-14	6/30/2008	Hexachlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-14	6/30/2008	Hexachlorobutadiene	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-14	6/30/2008	Hexachlorobutadiene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-14	6/30/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-14	6/30/2008	Hexachloroethane	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-14	6/30/2008	Hexachloropropylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-14	6/30/2008	Indeno (1,2,3-CD) Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-14	6/30/2008	Isodrin	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-14	6/30/2008	Isophorone	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-14	6/30/2008	Isosafrole	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-14	6/30/2008	Lead	7.11	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-14	6/30/2008	Mercury	0.0528	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-14	6/30/2008	Meta- And Para-Xylene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-14	6/30/2008	Methapyrilene	2000	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-14	6/30/2008	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-14	6/30/2008	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-14	6/30/2008	Methyl Methanesulfonate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-14	6/30/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-14	6/30/2008	Methylene Bromide	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-14	6/30/2008	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-14	6/30/2008	Naphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-14	6/30/2008	Naphthalene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-14	6/30/2008	N-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-14	6/30/2008	N-Dioctyl Phthalate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-14	6/30/2008	Nitrobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-14	6/30/2008	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-14	6/30/2008	N-Nitrosodiethylamine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-14	6/30/2008	N-Nitrosodimethylamine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-14	6/30/2008	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-14	6/30/2008	N-Nitrosodi-N-Propylamine	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-14	6/30/2008	N-Nitrosodiphenylamine	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-14	6/30/2008	N-Nitrosomorpholine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-14	6/30/2008	N-Nitrosopiperidine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-14	6/30/2008	N-Nitrosopyrrolidine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-14	6/30/2008	N-Propylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-14	6/30/2008	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-14	6/30/2008	Ortho-Xylene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-14	6/30/2008	O-Toluidine	240	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-14	6/30/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-14	6/30/2008	Pentachlorobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-14	6/30/2008	Pentachloronitrobenzene	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-14	6/30/2008	Pentachlorophenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-14	6/30/2008	Phenacetin	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-14	6/30/2008	Phenanthrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-14	6/30/2008	Phenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-14	6/30/2008	Pronamide	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-14	6/30/2008	Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-14	6/30/2008	Pyridine	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-14	6/30/2008	Safrole	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-14	6/30/2008	sec-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-14	6/30/2008	Selenium	1.15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-14	6/30/2008	Silver	0.2	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-14	6/30/2008	Styrene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-14	6/30/2008	tert-Butylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-14	6/30/2008	Tetrachloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-14	6/30/2008	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-14	6/30/2008	Thionazin	79	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-14	6/30/2008	Toluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-14	6/30/2008	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-14	6/30/2008	Trichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-14	6/30/2008	Trichlorofluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-14	6/30/2008	Vinyl Chloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-15	6/30/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-15	6/30/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-15	6/30/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-15	6/30/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-15	6/30/2008	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-15	6/30/2008	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-15	6/30/2008	1,1-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-15	6/30/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-15	6/30/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-15	6/30/2008	1,2,4,5-Tetrachlorobenzene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-15	6/30/2008	1,2,4-Trichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-15	6/30/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-15	6/30/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-15	6/30/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-15	6/30/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-15	6/30/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-15	6/30/2008	1,2-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-15	6/30/2008	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-15	6/30/2008	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-15	6/30/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-15	6/30/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-15	6/30/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-15	6/30/2008	1,3-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-15	6/30/2008	1,3-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-15	6/30/2008	1,3-Dinitrobenzene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-15	6/30/2008	1,4-Dichlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-15	6/30/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-15	6/30/2008	1,4-Dioxane	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-15	6/30/2008	1,4-Naphthoquinone	1000	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-15	6/30/2008	1-Naphthylamine	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-15	6/30/2008	2,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-15	6/30/2008	2,3,4,6-Tetrachlorophenol	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-15	6/30/2008	2,4,5-Trichlorophenol	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-15	6/30/2008	2,4,6-Trichlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-15	6/30/2008	2,4-Dichlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-15	6/30/2008	2,4-Dimethylphenol	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-15	6/30/2008	2,4-Dinitrophenol	800	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-15	6/30/2008	2,4-Dinitrotoluene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-15	6/30/2008	2,6-Dichlorophenol	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-15	6/30/2008	2,6-Dinitrotoluene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-15	6/30/2008	2-Acetylaminofluorene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-15	6/30/2008	2-Chloronaphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-15	6/30/2008	2-Chlorophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-15	6/30/2008	2-Chlorotoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-15	6/30/2008	2-Methylnaphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-15	6/30/2008	2-Methylphenol (O-Cresol)	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-15	6/30/2008	2-Naphthylamine	200	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-15	6/30/2008	2-Nitroaniline	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-15	6/30/2008	2-Nitrophenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-15	6/30/2008	2-Picoline	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-15	6/30/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-15	6/30/2008	3,3'-Dimethylbenzidine	400	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-15	6/30/2008	3-Methylcholanthrene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-15	6/30/2008	3-Nitroaniline	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-15	6/30/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-15	6/30/2008	4-Aminobiphenyl	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-15	6/30/2008	4-Bromophenyl Phenyl Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-15	6/30/2008	4-Chloro-3-Methylphenol	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-15	6/30/2008	4-Chloroaniline	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-15	6/30/2008	4-Chlorophenyl Phenyl Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-15	6/30/2008	4-Chlorotoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-15	6/30/2008	4-Dimethylaminoazobenzene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-15	6/30/2008	4-Isopropyltoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-15	6/30/2008	4-Methylphenol (P-Cresol)	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-15	6/30/2008	4-Nitroaniline	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-15	6/30/2008	4-Nitrophenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-15	6/30/2008	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-15	6/30/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-15	6/30/2008	7,12-Dimethylbenz[A]Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-15	6/30/2008	Acenaphthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-15	6/30/2008	Acenaphthylene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-15	6/30/2008	Acetophenone	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-15	6/30/2008	Aniline	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-15	6/30/2008	Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-15	6/30/2008	Arsenic	1.87	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-15	6/30/2008	Barium	32.8	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-15	6/30/2008	Benzene	0.6	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-15	6/30/2008	Benzo(A)Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-15	6/30/2008	Benzo(B)Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-15	6/30/2008	Benzo(G,H,I)Perylene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-15	6/30/2008	Benzo(K)Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-15	6/30/2008	Benzo[A]Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-15	6/30/2008	Benzyl Alcohol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-15	6/30/2008	Bis(2-Chloroethoxy)Methane	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-15	6/30/2008	Bis(2-Chloroethyl)Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-15	6/30/2008	Bis(2-Chloroisopropyl)Ether	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-15	6/30/2008	Bis(2-Ethylhexyl)Phthalate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-15	6/30/2008	Bromobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-15	6/30/2008	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-15	6/30/2008	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-15	6/30/2008	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-15	6/30/2008	Butyl Benzyl Phthalate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-15	6/30/2008	Cadmium	0.167	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-15	6/30/2008	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-15	6/30/2008	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-15	6/30/2008	Chlorobenzilate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-15	6/30/2008	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-15	6/30/2008	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-15	6/30/2008	Chromium	19.5	MG/KG				Y	3-5 Feet	FS	Soil	Site Background	42.7
RW-15	6/30/2008	Chrysene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-15	6/30/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-15	6/30/2008	Cumene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-15	6/30/2008	Diallate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-15	6/30/2008	Dibenz(A,H)Anthracene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-15	6/30/2008	Dibenzofuran	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-15	6/30/2008	Dichlorodifluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-15	6/30/2008	Diethyl Phthalate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-15	6/30/2008	Diisopropyl Ether	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-15	6/30/2008	Dimethoate	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-15	6/30/2008	Dimethyl Phthalate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-15	6/30/2008	Di-N-Butyl Phthalate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-15	6/30/2008	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-15	6/30/2008	Ethyl Methanesulfonate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-15	6/30/2008	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-15	6/30/2008	Fluoranthene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-15	6/30/2008	Fluorene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-15	6/30/2008	Hexachlorobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-15	6/30/2008	Hexachlorobutadiene	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-15	6/30/2008	Hexachlorobutadiene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-15	6/30/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-15	6/30/2008	Hexachloroethane	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-15	6/30/2008	Hexachloropropylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-15	6/30/2008	Indeno (1,2,3-CD) Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-15	6/30/2008	Isodrin	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-15	6/30/2008	Isophorone	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-15	6/30/2008	Isosafrole	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-15	6/30/2008	Lead	28.2	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-15	6/30/2008	Mercury	0.0132	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-15	6/30/2008	Meta- And Para-Xylene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-15	6/30/2008	Methapyrilene	2000	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-15	6/30/2008	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-15	6/30/2008	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-15	6/30/2008	Methyl Methanesulfonate	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-15	6/30/2008	Methyl Tertiary Butyl Ether	0.6	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-15	6/30/2008	Methylene Bromide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-15	6/30/2008	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-15	6/30/2008	Naphthalene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-15	6/30/2008	Naphthalene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-15	6/30/2008	N-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-15	6/30/2008	N-Dioctyl Phthalate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-15	6/30/2008	Nitrobenzene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000

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Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-15	6/30/2008	N-Nitroso(Methyl)Ethylamine	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-15	6/30/2008	N-Nitrosodiethylamine	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-15	6/30/2008	N-Nitrosodimethylamine	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-15	6/30/2008	N-Nitroso-Di-N-Butylamine	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-15	6/30/2008	N-Nitrosodi-N-Propylamine	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-15	6/30/2008	N-Nitrosodiphenylamine	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-15	6/30/2008	N-Nitrosomorpholine	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-15	6/30/2008	N-Nitrosopiperidine	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-15	6/30/2008	N-Nitrosopyrrolidine	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-15	6/30/2008	N-Propylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-15	6/30/2008	O,O,O-Triethylphosphorothioate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-15	6/30/2008	Ortho-Xylene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-15	6/30/2008	O-Toluidine	240	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-15	6/30/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-15	6/30/2008	Pentachlorobenzene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-15	6/30/2008	Pentachloronitrobenzene	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-15	6/30/2008	Pentachlorophenol	200	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-15	6/30/2008	Phenacetin	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-15	6/30/2008	Phenanthrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-15	6/30/2008	Phenol	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-15	6/30/2008	Pronamide	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-15	6/30/2008	Pyrene	40	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-15	6/30/2008	Pyridine	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-15	6/30/2008	Safrole	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-15	6/30/2008	sec-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-15	6/30/2008	Selenium	1.17	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-15	6/30/2008	Silver	0.203	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-15	6/30/2008	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-15	6/30/2008	tert-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-15	6/30/2008	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-15	6/30/2008	Tetraethyl Dithiopyrophosphate	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-15	6/30/2008	Thionazin	80	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-15	6/30/2008	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-15	6/30/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-15	6/30/2008	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-15	6/30/2008	Trichlorofluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-15	6/30/2008	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-16	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-16	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-16	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-16	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-16	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-16	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-16	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-16	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-16	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-16	7/1/2008	1,2,4,5-Tetrachlorobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-16	7/1/2008	1,2,4-Trichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-16	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-16	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-16	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-16	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-16	7/1/2008	1,2-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-16	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-16	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-16	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-16	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-16	7/1/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-16	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-16	7/1/2008	1,3-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-16	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-16	7/1/2008	1,3-Dinitrobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-16	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-16	7/1/2008	1,4-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-16	7/1/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-16	7/1/2008	1,4-Naphthoquinone	980	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-16	7/1/2008	1-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-16	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-16	7/1/2008	2,3,4,6-Tetrachlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-16	7/1/2008	2,4,5-Trichlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-16	7/1/2008	2,4,6-Trichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-16	7/1/2008	2,4-Dichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-16	7/1/2008	2,4-Dimethylphenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-16	7/1/2008	2,4-Dinitrophenol	780	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-16	7/1/2008	2,4-Dinitrotoluene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-16	7/1/2008	2,6-Dichlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-16	7/1/2008	2,6-Dinitrotoluene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-16	7/1/2008	2-Acetylaminofluorene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-16	7/1/2008	2-Chloronaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-16	7/1/2008	2-Chlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-16	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-16	7/1/2008	2-Methylnaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-16	7/1/2008	2-Methylphenol (O-Cresol)	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-16	7/1/2008	2-Naphthylamine	200	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-16	7/1/2008	2-Nitroaniline	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-16	7/1/2008	2-Nitrophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-16	7/1/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-16	7/1/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-16	7/1/2008	3,3'-Dimethylbenzidine	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-16	7/1/2008	3-Methylcholanthrene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-16	7/1/2008	3-Nitroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-16	7/1/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-16	7/1/2008	4-Aminobiphenyl	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-16	7/1/2008	4-Bromophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-16	7/1/2008	4-Chloro-3-Methylphenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-16	7/1/2008	4-Chloroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-16	7/1/2008	4-Chlorophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-16	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-16	7/1/2008	4-Dimethylaminoazobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-16	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-16	7/1/2008	4-Methylphenol (P-Cresol)	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-16	7/1/2008	4-Nitroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-16	7/1/2008	4-Nitrophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-16	7/1/2008	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-16	7/1/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-16	7/1/2008	7,12-Dimethylbenz[A]Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-16	7/1/2008	Acenaphthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-16	7/1/2008	Acenaphthylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-16	7/1/2008	Acetophenone	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-16	7/1/2008	Aniline	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-16	7/1/2008	Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-16	7/1/2008	Arsenic	1.66	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-16	7/1/2008	Barium	13.2	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-16	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-16	7/1/2008	Benzo(A)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-16	7/1/2008	Benzo(B)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-16	7/1/2008	Benzo(G,H,I)Perylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-16	7/1/2008	Benzo(K)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-16	7/1/2008	Benzo[A]Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-16	7/1/2008	Benzyl Alcohol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-16	7/1/2008	Bis(2-Chloroethoxy)Methane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-16	7/1/2008	Bis(2-Chloroethyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-16	7/1/2008	Bis(2-Chloroisopropyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-16	7/1/2008	Bis(2-Ethylhexyl)Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-16	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-16	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-16	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-16	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-16	7/1/2008	Butyl Benzyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-16	7/1/2008	Cadmium	0.163	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-16	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-16	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-16	7/1/2008	Chlorobenzilate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-16	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-16	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-16	7/1/2008	Chromium	16.9	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-16	7/1/2008	Chrysene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-16	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-16	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-16	7/1/2008	Diallate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-16	7/1/2008	Dibenz(A,H)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-16	7/1/2008	Dibenzofuran	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-16	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-16	7/1/2008	Diethyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-16	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-16	7/1/2008	Dimethoate	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-16	7/1/2008	Dimethyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-16	7/1/2008	Di-N-Butyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-16	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-16	7/1/2008	Ethyl Methanesulfonate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-16	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-16	7/1/2008	Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-16	7/1/2008	Fluorene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-16	7/1/2008	Hexachlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-16	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-16	7/1/2008	Hexachlorobutadiene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-16	7/1/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-16	7/1/2008	Hexachloroethane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-16	7/1/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-16	7/1/2008	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-16	7/1/2008	Isodrin	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-16	7/1/2008	Isophorone	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-16	7/1/2008	Isosafrole	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-16	7/1/2008	Lead	6.95	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-16	7/1/2008	Mercury	0.0215	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-16	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-16	7/1/2008	Methapyrilene	2000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-16	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-16	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-16	7/1/2008	Methyl Methanesulfonate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-16	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-16	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-16	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-16	7/1/2008	Naphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-16	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-16	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-16	7/1/2008	N-Dioctyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-16	7/1/2008	Nitrobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-16	7/1/2008	N-Nitroso(Methyl)Ethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-16	7/1/2008	N-Nitrosodiethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-16	7/1/2008	N-Nitrosodimethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-16	7/1/2008	N-Nitroso-Di-N-Butylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-16	7/1/2008	N-Nitrosodi-N-Propylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-16	7/1/2008	N-Nitrosodiphenylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-16	7/1/2008	N-Nitrosomorpholine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-16	7/1/2008	N-Nitrosopiperidine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-16	7/1/2008	N-Nitrosopyrrolidine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-16	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-16	7/1/2008	O,O,O-Triethylphosphorothioate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-16	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-16	7/1/2008	O-Toluidine	240	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-16	7/1/2008	para-Phenylenediamine	14000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-16	7/1/2008	Pentachlorobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-16	7/1/2008	Pentachloronitrobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-16	7/1/2008	Pentachlorophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-16	7/1/2008	Phenacetin	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-16	7/1/2008	Phenanthrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-16	7/1/2008	Phenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-16	7/1/2008	Pronamide	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-16	7/1/2008	Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-16	7/1/2008	Pyridine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-16	7/1/2008	Safrole	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-16	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-16	7/1/2008	Selenium	1.14	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-16	7/1/2008	Silver	0.198	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-16	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-16	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-16	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-16	7/1/2008	Tetraethyl Dithiopyrophosphate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-16	7/1/2008	Thionazin	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-16	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-16	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-16	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-16	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-16	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-17	6/30/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-17	6/30/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-17	6/30/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-17	6/30/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-17	6/30/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-17	6/30/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-17	6/30/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-17	6/30/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-17	6/30/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-17	6/30/2008	1,2,4,5-Tetrachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-17	6/30/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-17	6/30/2008	1,2,4-Trichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-17	6/30/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-17	6/30/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-17	6/30/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-17	6/30/2008	1,2-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-17	6/30/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-17	6/30/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-17	6/30/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-17	6/30/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-17	6/30/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-17	6/30/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-17	6/30/2008	1,3-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-17	6/30/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-17	6/30/2008	1,3-Dinitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-17	6/30/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-17	6/30/2008	1,4-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-17	6/30/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-17	6/30/2008	1,4-Naphthoquinone	960	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-17	6/30/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-17	6/30/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-17	6/30/2008	2,3,4,6-Tetrachlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-17	6/30/2008	2,4,5-Trichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-17	6/30/2008	2,4,6-Trichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-17	6/30/2008	2,4-Dichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-17	6/30/2008	2,4-Dimethylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-17	6/30/2008	2,4-Dinitrophenol	760	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-17	6/30/2008	2,4-Dinitrotoluene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-17	6/30/2008	2,6-Dichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-17	6/30/2008	2,6-Dinitrotoluene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-17	6/30/2008	2-Acetylaminofluorene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-17	6/30/2008	2-Chloronaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-17	6/30/2008	2-Chlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-17	6/30/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-17	6/30/2008	2-Methylnaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-17	6/30/2008	2-Methylphenol (O-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-17	6/30/2008	2-Naphthylamine	190	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-17	6/30/2008	2-Nitroaniline	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-17	6/30/2008	2-Nitrophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-17	6/30/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-17	6/30/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-17	6/30/2008	3,3'-Dimethylbenzidine	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-17	6/30/2008	3-Methylcholanthrene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-17	6/30/2008	3-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-17	6/30/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-17	6/30/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-17	6/30/2008	4-Bromophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-17	6/30/2008	4-Chloro-3-Methylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-17	6/30/2008	4-Chloroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-17	6/30/2008	4-Chlorophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-17	6/30/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-17	6/30/2008	4-Dimethylaminoazobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-17	6/30/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-17	6/30/2008	4-Methylphenol (P-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-17	6/30/2008	4-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-17	6/30/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-17	6/30/2008	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-17	6/30/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-17	6/30/2008	7,12-Dimethylbenz[A]Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-17	6/30/2008	Acenaphthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-17	6/30/2008	Acenaphthylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-17	6/30/2008	Acetophenone	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-17	6/30/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-17	6/30/2008	Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-17	6/30/2008	Arsenic	1.25	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-17	6/30/2008	Barium	6.63	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-17	6/30/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-17	6/30/2008	Benzo(A)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-17	6/30/2008	Benzo(B)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-17	6/30/2008	Benzo(G,H,I)Perylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-17	6/30/2008	Benzo(K)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-17	6/30/2008	Benzo[A]Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-17	6/30/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-17	6/30/2008	Bis(2-Chloroethoxy)Methane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-17	6/30/2008	Bis(2-Chloroethyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-17	6/30/2008	Bis(2-Chloroisopropyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-17	6/30/2008	Bis(2-Ethylhexyl)Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-17	6/30/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-17	6/30/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-17	6/30/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-17	6/30/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-17	6/30/2008	Butyl Benzyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-17	6/30/2008	Cadmium	0.157	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-17	6/30/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-17	6/30/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-17	6/30/2008	Chlorobenzilate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-17	6/30/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-17	6/30/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-17	6/30/2008	Chromium	6.56	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-17	6/30/2008	Chrysene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-17	6/30/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-17	6/30/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-17	6/30/2008	Diallate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-17	6/30/2008	Dibenz(A,H)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-17	6/30/2008	Dibenzofuran	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-17	6/30/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-17	6/30/2008	Diethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-17	6/30/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-17	6/30/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-17	6/30/2008	Dimethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-17	6/30/2008	Di-N-Butyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-17	6/30/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-17	6/30/2008	Ethyl Methanesulfonate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-17	6/30/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-17	6/30/2008	Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-17	6/30/2008	Fluorene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-17	6/30/2008	Hexachlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-17	6/30/2008	Hexachlorobutadiene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-17	6/30/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-17	6/30/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-17	6/30/2008	Hexachloroethane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-17	6/30/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-17	6/30/2008	Indeno (1,2,3-CD) Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-17	6/30/2008	Isodrin	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-17	6/30/2008	Isophorone	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-17	6/30/2008	Isosafrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-17	6/30/2008	Lead	5.06	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-17	6/30/2008	Mercury	0.0191	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-17	6/30/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-17	6/30/2008	Methapyrilene	1900	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-17	6/30/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-17	6/30/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-17	6/30/2008	Methyl Methanesulfonate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-17	6/30/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-17	6/30/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-17	6/30/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-17	6/30/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-17	6/30/2008	Naphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-17	6/30/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-17	6/30/2008	N-Dioctyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-17	6/30/2008	Nitrobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-17	6/30/2008	N-Nitroso(Methyl)Ethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-17	6/30/2008	N-Nitrosodiethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-17	6/30/2008	N-Nitrosodimethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-17	6/30/2008	N-Nitroso-Di-N-Butylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-17	6/30/2008	N-Nitrosodi-N-Propylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-17	6/30/2008	N-Nitrosodiphenylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-17	6/30/2008	N-Nitrosomorpholine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-17	6/30/2008	N-Nitrosopiperidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-17	6/30/2008	N-Nitrosopyrrolidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-17	6/30/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-17	6/30/2008	O,O,O-Triethylphosphorothioate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-17	6/30/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-17	6/30/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-17	6/30/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-17	6/30/2008	Pentachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-17	6/30/2008	Pentachloronitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-17	6/30/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-17	6/30/2008	Phenacetin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-17	6/30/2008	Phenanthrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-17	6/30/2008	Phenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-17	6/30/2008	Pronamide	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-17	6/30/2008	Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-17	6/30/2008	Pyridine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-17	6/30/2008	Safrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-17	6/30/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-17	6/30/2008	Selenium	1.1	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-17	6/30/2008	Silver	0.191	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-17	6/30/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-17	6/30/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-17	6/30/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-17	6/30/2008	Tetraethyl Dithiopyrophosphate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-17	6/30/2008	Thionazin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-17	6/30/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-17	6/30/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-17	6/30/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-17	6/30/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-17	6/30/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-18	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-18	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-18	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-18	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-18	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-18	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-18	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-18	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-18	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-18	7/2/2008	1,2,4,5-Tetrachlorobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-18	7/2/2008	1,2,4-Trichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-18	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-18	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-18	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-18	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-18	7/2/2008	1,2-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-18	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-18	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-18	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-18	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-18	7/2/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-18	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-18	7/2/2008	1,3-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-18	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-18	7/2/2008	1,3-Dinitrobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-18	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-18	7/2/2008	1,4-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-18	7/2/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-18	7/2/2008	1,4-Naphthoquinone	970	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-18	7/2/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-18	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-18	7/2/2008	2,3,4,6-Tetrachlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-18	7/2/2008	2,4,5-Trichlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-18	7/2/2008	2,4,6-Trichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-18	7/2/2008	2,4-Dichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-18	7/2/2008	2,4-Dimethylphenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-18	7/2/2008	2,4-Dinitrophenol	780	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-18	7/2/2008	2,4-Dinitrotoluene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-18	7/2/2008	2,6-Dichlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-18	7/2/2008	2,6-Dinitrotoluene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-18	7/2/2008	2-Acetylaminofluorene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-18	7/2/2008	2-Chloronaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-18	7/2/2008	2-Chlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-18	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-18	7/2/2008	2-Methylnaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-18	7/2/2008	2-Methylphenol (O-Cresol)	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-18	7/2/2008	2-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-18	7/2/2008	2-Nitroaniline	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-18	7/2/2008	2-Nitrophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-18	7/2/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-18	7/2/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-18	7/2/2008	3,3'-Dimethylbenzidine	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-18	7/2/2008	3-Methylcholanthrene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-18	7/2/2008	3-Nitroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-18	7/2/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-18	7/2/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-18	7/2/2008	4-Bromophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-18	7/2/2008	4-Chloro-3-Methylphenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-18	7/2/2008	4-Chloroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-18	7/2/2008	4-Chlorophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-18	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-18	7/2/2008	4-Dimethylaminoazobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-18	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-18	7/2/2008	4-Methylphenol (P-Cresol)	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-18	7/2/2008	4-Nitroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-18	7/2/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-18	7/2/2008	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-18	7/2/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-18	7/2/2008	7,12-Dimethylbenz[A]Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-18	7/2/2008	Acenaphthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-18	7/2/2008	Acenaphthylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-18	7/2/2008	Acetophenone	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-18	7/2/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-18	7/2/2008	Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-18	7/2/2008	Arsenic	2.74	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-18	7/2/2008	Barium	17.1	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-18	7/2/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-18	7/2/2008	Benzo(A)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-18	7/2/2008	Benzo(B)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-18	7/2/2008	Benzo(G,H,I)Perylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-18	7/2/2008	Benzo(K)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-18	7/2/2008	Benzo[A]Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-18	7/2/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-18	7/2/2008	Bis(2-Chloroethoxy)Methane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-18	7/2/2008	Bis(2-Chloroethyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-18	7/2/2008	Bis(2-Chloroisopropyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-18	7/2/2008	Bis(2-Ethylhexyl)Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-18	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-18	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-18	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-18	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-18	7/2/2008	Butyl Benzyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-18	7/2/2008	Cadmium	0.162	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-18	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-18	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-18	7/2/2008	Chlorobenzilate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-18	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-18	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-18	7/2/2008	Chromium	10.9	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-18	7/2/2008	Chrysene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-18	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-18	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-18	7/2/2008	Diallate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-18	7/2/2008	Dibenz(A,H)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-18	7/2/2008	Dibenzofuran	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-18	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-18	7/2/2008	Diethyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-18	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-18	7/2/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-18	7/2/2008	Dimethyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-18	7/2/2008	Di-N-Butyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-18	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-18	7/2/2008	Ethyl Methanesulfonate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-18	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-18	7/2/2008	Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-18	7/2/2008	Fluorene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-18	7/2/2008	Hexachlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-18	7/2/2008	Hexachlorobutadiene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-18	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-18	7/2/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-18	7/2/2008	Hexachloroethane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-18	7/2/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-18	7/2/2008	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-18	7/2/2008	Isodrin	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-18	7/2/2008	Isophorone	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-18	7/2/2008	Isosafrole	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-18	7/2/2008	Lead	7.27	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-18	7/2/2008	Mercury	0.0276	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-18	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-18	7/2/2008	Methapyrilene	1900	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-18	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-18	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-18	7/2/2008	Methyl Methanesulfonate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-18	7/2/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-18	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-18	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-18	7/2/2008	Naphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-18	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-18	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-18	7/2/2008	N-Dioctyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-18	7/2/2008	Nitrobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-18	7/2/2008	N-Nitroso(Methyl)Ethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-18	7/2/2008	N-Nitrosodiethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-18	7/2/2008	N-Nitrosodimethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-18	7/2/2008	N-Nitroso-Di-N-Butylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-18	7/2/2008	N-Nitrosodi-N-Propylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-18	7/2/2008	N-Nitrosodiphenylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-18	7/2/2008	N-Nitrosomorpholine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-18	7/2/2008	N-Nitrosopiperidine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-18	7/2/2008	N-Nitrosopyrrolidine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-18	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-18	7/2/2008	O,O,O-Triethylphosphorothioate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-18	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-18	7/2/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-18	7/2/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-18	7/2/2008	Pentachlorobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-18	7/2/2008	Pentachloronitrobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-18	7/2/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-18	7/2/2008	Phenacetin	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-18	7/2/2008	Phenanthrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-18	7/2/2008	Phenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-18	7/2/2008	Pronamide	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-18	7/2/2008	Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-18	7/2/2008	Pyridine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-18	7/2/2008	Safrole	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-18	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-18	7/2/2008	Selenium	1.13	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-18	7/2/2008	Silver	0.197	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-18	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-18	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-18	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-18	7/2/2008	Tetraethyl Dithiopyrophosphate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-18	7/2/2008	Thionazin	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-18	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-18	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-18	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-18	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-18	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-19	7/1/2008	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-19	7/1/2008	1,1,1-Trichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-19	7/1/2008	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-19	7/1/2008	1,1,2-Trichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-19	7/1/2008	1,1-Dichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-19	7/1/2008	1,1-Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-19	7/1/2008	1,1-Dichloropropene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-19	7/1/2008	1,2,3-Trichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-19	7/1/2008	1,2,3-Trichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-19	7/1/2008	1,2,4,5-Tetrachlorobenzene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-19	7/1/2008	1,2,4-Trichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-19	7/1/2008	1,2,4-Trichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-19	7/1/2008	1,2,4-Trimethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-19	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-19	7/1/2008	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-19	7/1/2008	1,2-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-19	7/1/2008	1,2-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-19	7/1/2008	1,2-Dichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-19	7/1/2008	1,2-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-19	7/1/2008	1,3,5-Trimethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-19	7/1/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-19	7/1/2008	1,3-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-19	7/1/2008	1,3-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-19	7/1/2008	1,3-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-19	7/1/2008	1,3-Dinitrobenzene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-19	7/1/2008	1,4-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-19	7/1/2008	1,4-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-19	7/1/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-19	7/1/2008	1,4-Naphthoquinone	960	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-19	7/1/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-19	7/1/2008	2,2-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-19	7/1/2008	2,3,4,6-Tetrachlorophenol	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-19	7/1/2008	2,4,5-Trichlorophenol	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-19	7/1/2008	2,4,6-Trichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-19	7/1/2008	2,4-Dichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-19	7/1/2008	2,4-Dimethylphenol	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-19	7/1/2008	2,4-Dinitrophenol	770	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-19	7/1/2008	2,4-Dinitrotoluene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-19	7/1/2008	2,6-Dichlorophenol	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-19	7/1/2008	2,6-Dinitrotoluene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-19	7/1/2008	2-Acetylaminofluorene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-19	7/1/2008	2-Chloronaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-19	7/1/2008	2-Chlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-19	7/1/2008	2-Chlorotoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-19	7/1/2008	2-Methylnaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-19	7/1/2008	2-Methylphenol (O-Cresol)	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-19	7/1/2008	2-Naphthylamine	190	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-19	7/1/2008	2-Nitroaniline	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-19	7/1/2008	2-Nitrophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-19	7/1/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-19	7/1/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-19	7/1/2008	3,3'-Dimethylbenzidine	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-19	7/1/2008	3-Methylcholanthrene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-19	7/1/2008	3-Nitroaniline	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-19	7/1/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-19	7/1/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-19	7/1/2008	4-Bromophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-19	7/1/2008	4-Chloro-3-Methylphenol	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-19	7/1/2008	4-Chloroaniline	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-19	7/1/2008	4-Chlorophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-19	7/1/2008	4-Chlorotoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-19	7/1/2008	4-Dimethylaminoazobenzene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-19	7/1/2008	4-Isopropyltoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-19	7/1/2008	4-Methylphenol (P-Cresol)	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-19	7/1/2008	4-Nitroaniline	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-19	7/1/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-19	7/1/2008	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-19	7/1/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-19	7/1/2008	7,12-Dimethylbenz[A]Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-19	7/1/2008	Acenaphthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-19	7/1/2008	Acenaphthylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-19	7/1/2008	Acetophenone	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-19	7/1/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-19	7/1/2008	Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-19	7/1/2008	Arsenic	1.52	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-19	7/1/2008	Barium	13.8	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-19	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-19	7/1/2008	Benzo(A)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-19	7/1/2008	Benzo(B)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-19	7/1/2008	Benzo(G,H,I)Perylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-19	7/1/2008	Benzo(K)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-19	7/1/2008	Benzo[A]Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-19	7/1/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-19	7/1/2008	Bis(2-Chloroethoxy)Methane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-19	7/1/2008	Bis(2-Chloroethyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-19	7/1/2008	Bis(2-Chloroisopropyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-19	7/1/2008	Bis(2-Ethylhexyl)Phthalate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-19	7/1/2008	Bromobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-19	7/1/2008	Bromochloromethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-19	7/1/2008	Bromodichloromethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-19	7/1/2008	Bromoform	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-19	7/1/2008	Butyl Benzyl Phthalate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-19	7/1/2008	Cadmium	0.159	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-19	7/1/2008	Carbon Tetrachloride	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-19	7/1/2008	Chlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-19	7/1/2008	Chlorobenzilate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-19	7/1/2008	Chlorodibromomethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-19	7/1/2008	Chloroform	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-19	7/1/2008	Chromium	10.2	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-19	7/1/2008	Chrysene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-19	7/1/2008	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-19	7/1/2008	Cumene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-19	7/1/2008	Diallate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-19	7/1/2008	Dibenz(A,H)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-19	7/1/2008	Dibenzofuran	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-19	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-19	7/1/2008	Diethyl Phthalate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-19	7/1/2008	Diisopropyl Ether	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-19	7/1/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-19	7/1/2008	Dimethyl Phthalate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-19	7/1/2008	Di-N-Butyl Phthalate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-19	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-19	7/1/2008	Ethyl Methanesulfonate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-19	7/1/2008	Ethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-19	7/1/2008	Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-19	7/1/2008	Fluorene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-19	7/1/2008	Hexachlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-19	7/1/2008	Hexachlorobutadiene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-19	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-19	7/1/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-19	7/1/2008	Hexachloroethane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-19	7/1/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-19	7/1/2008	Indeno (1,2,3-CD) Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-19	7/1/2008	Isodrin	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-19	7/1/2008	Isophorone	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-19	7/1/2008	Isosafrole	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-19	7/1/2008	Lead	6.91	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-19	7/1/2008	Mercury	0.0186	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-19	7/1/2008	Meta- And Para-Xylene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-19	7/1/2008	Methapyrilene	1900	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-19	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-19	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-19	7/1/2008	Methyl Methanesulfonate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-19	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-19	7/1/2008	Methylene Bromide	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-19	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-19	7/1/2008	Naphthalene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-19	7/1/2008	Naphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-19	7/1/2008	N-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-19	7/1/2008	N-Dioctyl Phthalate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-19	7/1/2008	Nitrobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-19	7/1/2008	N-Nitroso(Methyl)Ethylamine	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-19	7/1/2008	N-Nitrosodiethylamine	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-19	7/1/2008	N-Nitrosodimethylamine	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-19	7/1/2008	N-Nitroso-Di-N-Butylamine	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-19	7/1/2008	N-Nitrosodi-N-Propylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-19	7/1/2008	N-Nitrosodiphenylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-19	7/1/2008	N-Nitrosomorpholine	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-19	7/1/2008	N-Nitrosopiperidine	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-19	7/1/2008	N-Nitrosopyrrolidine	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-19	7/1/2008	N-Propylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-19	7/1/2008	O,O,O-Triethylphosphorothioate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-19	7/1/2008	Ortho-Xylene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-19	7/1/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-19	7/1/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-19	7/1/2008	Pentachlorobenzene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-19	7/1/2008	Pentachloronitrobenzene	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-19	7/1/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-19	7/1/2008	Phenacetin	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-19	7/1/2008	Phenanthrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-19	7/1/2008	Phenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-19	7/1/2008	Pronamide	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-19	7/1/2008	Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-19	7/1/2008	Pyridine	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-19	7/1/2008	Safrole	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-19	7/1/2008	sec-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-19	7/1/2008	Selenium	1.12	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-19	7/1/2008	Silver	0.193	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-19	7/1/2008	Styrene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-19	7/1/2008	tert-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-19	7/1/2008	Tetrachloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-19	7/1/2008	Tetraethyl Dithiopyrophosphate	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-19	7/1/2008	Thionazin	77	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-19	7/1/2008	Toluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-19	7/1/2008	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-19	7/1/2008	Trichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-19	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-19	7/1/2008	Vinyl Chloride	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-2	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-2	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-2	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-2	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-2	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-2	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-2	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-2	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-2	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-2	7/2/2008	1,2,4,5-Tetrachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-2	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-2	7/2/2008	1,2,4-Trichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-2	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-2	7/2/2008	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-2	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-2	7/2/2008	1,2-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-2	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-2	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-2	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-2	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-2	7/2/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-2	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-2	7/2/2008	1,3-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-2	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-2	7/2/2008	1,3-Dinitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-2	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-2	7/2/2008	1,4-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-2	7/2/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-2	7/2/2008	1,4-Naphthoquinone	990	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-2	7/2/2008	1-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-2	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-2	7/2/2008	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-2	7/2/2008	2,4,5-Trichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-2	7/2/2008	2,4,6-Trichlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-2	7/2/2008	2,4-Dichlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-2	7/2/2008	2,4-Dimethylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-2	7/2/2008	2,4-Dinitrophenol	790	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-2	7/2/2008	2,4-Dinitrotoluene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-2	7/2/2008	2,6-Dichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-2	7/2/2008	2,6-Dinitrotoluene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-2	7/2/2008	2-Acetylaminofluorene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-2	7/2/2008	2-Chloronaphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-2	7/2/2008	2-Chlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-2	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-2	7/2/2008	2-Methylnaphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-2	7/2/2008	2-Methylphenol (O-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-2	7/2/2008	2-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-2	7/2/2008	2-Nitroaniline	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-2	7/2/2008	2-Nitrophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-2	7/2/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-2	7/2/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-2	7/2/2008	3,3'-Dimethylbenzidine	400	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-2	7/2/2008	3-Methylcholanthrene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-2	7/2/2008	3-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-2	7/2/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-2	7/2/2008	4-Aminobiphenyl	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-2	7/2/2008	4-Bromophenyl Phenyl Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-2	7/2/2008	4-Chloro-3-Methylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-2	7/2/2008	4-Chloroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-2	7/2/2008	4-Chlorophenyl Phenyl Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-2	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-2	7/2/2008	4-Dimethylaminoazobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-2	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-2	7/2/2008	4-Methylphenol (P-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-2	7/2/2008	4-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-2	7/2/2008	4-Nitrophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-2	7/2/2008	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-2	7/2/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-2	7/2/2008	7,12-Dimethylbenz[A]Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-2	7/2/2008	Acenaphthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-2	7/2/2008	Acenaphthylene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-2	7/2/2008	Acetophenone	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-2	7/2/2008	Aniline	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-2	7/2/2008	Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-2	7/2/2008	Arsenic	5.54	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-2	7/2/2008	Barium	34.9	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-2	7/2/2008	Benzene	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-2	7/2/2008	Benzo(A)Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-2	7/2/2008	Benzo(B)Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-2	7/2/2008	Benzo(G,H,I)Perylene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-2	7/2/2008	Benzo(K)Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-2	7/2/2008	Benzo[A]Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-2	7/2/2008	Benzyl Alcohol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-2	7/2/2008	Bis(2-Chloroethoxy)Methane	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-2	7/2/2008	Bis(2-Chloroethyl)Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-2	7/2/2008	Bis(2-Chloroisopropyl)Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-2	7/2/2008	Bis(2-Ethylhexyl)Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-2	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-2	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-2	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-2	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-2	7/2/2008	Butyl Benzyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-2	7/2/2008	Cadmium	0.163	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-2	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-2	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-2	7/2/2008	Chlorobenzilate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-2	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-2	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-2	7/2/2008	Chromium	36.4	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-2	7/2/2008	Chrysene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-2	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-2	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-2	7/2/2008	Diallate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-2	7/2/2008	Dibenz(A,H)Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-2	7/2/2008	Dibenzofuran	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-2	7/2/2008	Dichlorodifluoromethane	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-2	7/2/2008	Diethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-2	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-2	7/2/2008	Dimethoate	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-2	7/2/2008	Dimethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-2	7/2/2008	Di-N-Butyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-2	7/2/2008	Ethyl Chloride	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-2	7/2/2008	Ethyl Methanesulfonate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-2	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-2	7/2/2008	Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-2	7/2/2008	Fluorene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-2	7/2/2008	Hexachlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-2	7/2/2008	Hexachlorobutadiene	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-2	7/2/2008	Hexachlorobutadiene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-2	7/2/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-2	7/2/2008	Hexachloroethane	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-2	7/2/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-2	7/2/2008	Indeno (1,2,3-CD) Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-2	7/2/2008	Isodrin	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-2	7/2/2008	Isophorone	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-2	7/2/2008	Isosafrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-2	7/2/2008	Lead	13.4	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-2	7/2/2008	Mercury	0.0551	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-2	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-2	7/2/2008	Methapyrilene	2000	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-2	7/2/2008	Methyl Bromide	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-2	7/2/2008	Methyl Chloride	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-2	7/2/2008	Methyl Methanesulfonate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-2	7/2/2008	Methyl Tertiary Butyl Ether	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-2	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-2	7/2/2008	Methylene Chloride	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-2	7/2/2008	Naphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-2	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-2	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-2	7/2/2008	N-Dioctyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-2	7/2/2008	Nitrobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-2	7/2/2008	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-2	7/2/2008	N-Nitrosodiethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-2	7/2/2008	N-Nitrosodimethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-2	7/2/2008	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-2	7/2/2008	N-Nitrosodi-N-Propylamine	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-2	7/2/2008	N-Nitrosodiphenylamine	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-2	7/2/2008	N-Nitrosomorpholine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-2	7/2/2008	N-Nitrosopiperidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-2	7/2/2008	N-Nitrosopyrrolidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-2	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-2	7/2/2008	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-2	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-2	7/2/2008	O-Toluidine	240	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-2	7/2/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-2	7/2/2008	Pentachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-2	7/2/2008	Pentachloronitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-2	7/2/2008	Pentachlorophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-2	7/2/2008	Phenacetin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-2	7/2/2008	Phenanthrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-2	7/2/2008	Phenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-2	7/2/2008	Pronamide	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-2	7/2/2008	Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-2	7/2/2008	Pyridine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-2	7/2/2008	Safrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-2	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-2	7/2/2008	Selenium	1.14	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-2	7/2/2008	Silver	0.198	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-2	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-2	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-2	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-2	7/2/2008	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-2	7/2/2008	Thionazin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-2	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-2	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-2	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-2	7/2/2008	Trichlorofluoromethane	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-2	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-20	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-20	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-20	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-20	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-20	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-20	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-20	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-20	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-20	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-20	7/1/2008	1,2,4,5-Tetrachlorobenzene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-20	7/1/2008	1,2,4-Trichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-20	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-20	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-20	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-20	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-20	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-20	7/1/2008	1,2-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-20	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-20	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-20	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-20	7/1/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-20	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-20	7/1/2008	1,3-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-20	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-20	7/1/2008	1,3-Dinitrobenzene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-20	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-20	7/1/2008	1,4-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-20	7/1/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-20	7/1/2008	1,4-Naphthoquinone	930	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-20	7/1/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-20	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-20	7/1/2008	2,3,4,6-Tetrachlorophenol	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-20	7/1/2008	2,4,5-Trichlorophenol	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-20	7/1/2008	2,4,6-Trichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-20	7/1/2008	2,4-Dichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-20	7/1/2008	2,4-Dimethylphenol	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-20	7/1/2008	2,4-Dinitrophenol	740	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-20	7/1/2008	2,4-Dinitrotoluene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-20	7/1/2008	2,6-Dichlorophenol	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-20	7/1/2008	2,6-Dinitrotoluene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-20	7/1/2008	2-Acetylaminofluorene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-20	7/1/2008	2-Chloronaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-20	7/1/2008	2-Chlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-20	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-20	7/1/2008	2-Methylnaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-20	7/1/2008	2-Methylphenol (O-Cresol)	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-20	7/1/2008	2-Naphthylamine	190	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-20	7/1/2008	2-Nitroaniline	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-20	7/1/2008	2-Nitrophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-20	7/1/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-20	7/1/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-20	7/1/2008	3,3'-Dimethylbenzidine	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-20	7/1/2008	3-Methylcholanthrene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-20	7/1/2008	3-Nitroaniline	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-20	7/1/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-20	7/1/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-20	7/1/2008	4-Bromophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-20	7/1/2008	4-Chloro-3-Methylphenol	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-20	7/1/2008	4-Chloroaniline	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-20	7/1/2008	4-Chlorophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-20	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-20	7/1/2008	4-Dimethylaminoazobenzene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-20	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-20	7/1/2008	4-Methylphenol (P-Cresol)	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-20	7/1/2008	4-Nitroaniline	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-20	7/1/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-20	7/1/2008	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-20	7/1/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-20	7/1/2008	7,12-Dimethylbenz[A]Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-20	7/1/2008	Acenaphthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-20	7/1/2008	Acenaphthylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-20	7/1/2008	Acetophenone	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-20	7/1/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-20	7/1/2008	Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-20	7/1/2008	Arsenic	1.05	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-20	7/1/2008	Barium	8.08	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-20	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-20	7/1/2008	Benzo(A)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-20	7/1/2008	Benzo(B)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-20	7/1/2008	Benzo(G,H,I)Perylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-20	7/1/2008	Benzo(K)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-20	7/1/2008	Benzo[A]Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-20	7/1/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-20	7/1/2008	Bis(2-Chloroethoxy)Methane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-20	7/1/2008	Bis(2-Chloroethyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-20	7/1/2008	Bis(2-Chloroisopropyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-20	7/1/2008	Bis(2-Ethylhexyl)Phthalate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-20	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-20	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-20	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-20	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-20	7/1/2008	Butyl Benzyl Phthalate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-20	7/1/2008	Cadmium	0.154	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-20	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-20	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-20	7/1/2008	Chlorobenzilate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-20	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-20	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-20	7/1/2008	Chromium	6.56	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-20	7/1/2008	Chrysene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-20	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-20	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-20	7/1/2008	Diallate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-20	7/1/2008	Dibenz(A,H)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-20	7/1/2008	Dibenzofuran	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-20	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-20	7/1/2008	Diethyl Phthalate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-20	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-20	7/1/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-20	7/1/2008	Dimethyl Phthalate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-20	7/1/2008	Di-N-Butyl Phthalate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-20	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-20	7/1/2008	Ethyl Methanesulfonate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-20	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-20	7/1/2008	Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-20	7/1/2008	Fluorene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-20	7/1/2008	Hexachlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-20	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-20	7/1/2008	Hexachlorobutadiene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-20	7/1/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-20	7/1/2008	Hexachloroethane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-20	7/1/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-20	7/1/2008	Indeno (1,2,3-CD) Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-20	7/1/2008	Isodrin	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-20	7/1/2008	Isophorone	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-20	7/1/2008	Isosafrole	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-20	7/1/2008	Lead	4.27	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-20	7/1/2008	Mercury	0.0159	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-20	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-20	7/1/2008	Methapyrilene	1900	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-20	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-20	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-20	7/1/2008	Methyl Methanesulfonate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-20	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-20	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-20	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-20	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-20	7/1/2008	Naphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-20	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-20	7/1/2008	N-Dioctyl Phthalate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-20	7/1/2008	Nitrobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-20	7/1/2008	N-Nitroso(Methyl)Ethylamine	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-20	7/1/2008	N-Nitrosodiethylamine	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-20	7/1/2008	N-Nitrosodimethylamine	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-20	7/1/2008	N-Nitroso-Di-N-Butylamine	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-20	7/1/2008	N-Nitrosodi-N-Propylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-20	7/1/2008	N-Nitrosodiphenylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-20	7/1/2008	N-Nitrosomorpholine	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-20	7/1/2008	N-Nitrosopiperidine	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-20	7/1/2008	N-Nitrosopyrrolidine	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-20	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-20	7/1/2008	O,O,O-Triethylphosphorothioate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-20	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-20	7/1/2008	O-Toluidine	220	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-20	7/1/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-20	7/1/2008	Pentachlorobenzene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-20	7/1/2008	Pentachloronitrobenzene	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-20	7/1/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-20	7/1/2008	Phenacetin	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-20	7/1/2008	Phenanthrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-20	7/1/2008	Phenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-20	7/1/2008	Pronamide	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-20	7/1/2008	Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-20	7/1/2008	Pyridine	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-20	7/1/2008	Safrole	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-20	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-20	7/1/2008	Selenium	1.08	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-20	7/1/2008	Silver	0.189	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-20	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-20	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-20	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-20	7/1/2008	Tetraethyl Dithiopyrophosphate	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-20	7/1/2008	Thionazin	74	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-20	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-20	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-20	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-20	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-20	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-21	7/1/2008	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-21	7/1/2008	1,1,1-Trichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-21	7/1/2008	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-21	7/1/2008	1,1,2-Trichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-21	7/1/2008	1,1-Dichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-21	7/1/2008	1,1-Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-21	7/1/2008	1,1-Dichloropropene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-21	7/1/2008	1,2,3-Trichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-21	7/1/2008	1,2,3-Trichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-21	7/1/2008	1,2,4,5-Tetrachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-21	7/1/2008	1,2,4-Trichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-21	7/1/2008	1,2,4-Trichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-21	7/1/2008	1,2,4-Trimethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-21	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-21	7/1/2008	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-21	7/1/2008	1,2-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-21	7/1/2008	1,2-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-21	7/1/2008	1,2-Dichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-21	7/1/2008	1,2-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-21	7/1/2008	1,3,5-Trimethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-21	7/1/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-21	7/1/2008	1,3-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-21	7/1/2008	1,3-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-21	7/1/2008	1,3-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-21	7/1/2008	1,3-Dinitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-21	7/1/2008	1,4-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-21	7/1/2008	1,4-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-21	7/1/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-21	7/1/2008	1,4-Naphthoquinone	910	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-21	7/1/2008	1-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-21	7/1/2008	2,2-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-21	7/1/2008	2,3,4,6-Tetrachlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-21	7/1/2008	2,4,5-Trichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-21	7/1/2008	2,4,6-Trichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-21	7/1/2008	2,4-Dichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-21	7/1/2008	2,4-Dimethylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-21	7/1/2008	2,4-Dinitrophenol	730	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-21	7/1/2008	2,4-Dinitrotoluene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-21	7/1/2008	2,6-Dichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-21	7/1/2008	2,6-Dinitrotoluene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-21	7/1/2008	2-Acetylaminofluorene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-21	7/1/2008	2-Chloronaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-21	7/1/2008	2-Chlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-21	7/1/2008	2-Chlorotoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-21	7/1/2008	2-Methylnaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-21	7/1/2008	2-Methylphenol (O-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-21	7/1/2008	2-Naphthylamine	180	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-21	7/1/2008	2-Nitroaniline	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-21	7/1/2008	2-Nitrophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-21	7/1/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-21	7/1/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-21	7/1/2008	3,3'-Dimethylbenzidine	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-21	7/1/2008	3-Methylcholanthrene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-21	7/1/2008	3-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-21	7/1/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-21	7/1/2008	4-Aminobiphenyl	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-21	7/1/2008	4-Bromophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-21	7/1/2008	4-Chloro-3-Methylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-21	7/1/2008	4-Chloroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-21	7/1/2008	4-Chlorophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-21	7/1/2008	4-Chlorotoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-21	7/1/2008	4-Dimethylaminoazobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-21	7/1/2008	4-Isopropyltoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-21	7/1/2008	4-Methylphenol (P-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-21	7/1/2008	4-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-21	7/1/2008	4-Nitrophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-21	7/1/2008	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-21	7/1/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-21	7/1/2008	7,12-Dimethylbenz[A]Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-21	7/1/2008	Acenaphthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-21	7/1/2008	Acenaphthylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-21	7/1/2008	Acetophenone	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-21	7/1/2008	Aniline	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-21	7/1/2008	Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-21	7/1/2008	Arsenic	1.03	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-21	7/1/2008	Barium	6.32	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-21	7/1/2008	Benzene	0.4	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-21	7/1/2008	Benzo(A)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-21	7/1/2008	Benzo(B)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-21	7/1/2008	Benzo(G,H,I)Perylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-21	7/1/2008	Benzo(K)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-21	7/1/2008	Benzo[A]Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-21	7/1/2008	Benzyl Alcohol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-21	7/1/2008	Bis(2-Chloroethoxy)Methane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-21	7/1/2008	Bis(2-Chloroethyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-21	7/1/2008	Bis(2-Chloroisopropyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-21	7/1/2008	Bis(2-Ethylhexyl)Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-21	7/1/2008	Bromobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-21	7/1/2008	Bromochloromethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-21	7/1/2008	Bromodichloromethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-21	7/1/2008	Bromoform	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-21	7/1/2008	Butyl Benzyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-21	7/1/2008	Cadmium	0.152	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-21	7/1/2008	Carbon Tetrachloride	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-21	7/1/2008	Chlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-21	7/1/2008	Chlorobenzilate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-21	7/1/2008	Chlorodibromomethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-21	7/1/2008	Chloroform	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-21	7/1/2008	Chromium	4.92	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-21	7/1/2008	Chrysene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-21	7/1/2008	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-21	7/1/2008	Cumene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-21	7/1/2008	Diallate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-21	7/1/2008	Dibenz(A,H)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-21	7/1/2008	Dibenzofuran	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-21	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-21	7/1/2008	Diethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-21	7/1/2008	Diisopropyl Ether	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-21	7/1/2008	Dimethoate	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-21	7/1/2008	Dimethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-21	7/1/2008	Di-N-Butyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-21	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-21	7/1/2008	Ethyl Methanesulfonate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-21	7/1/2008	Ethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-21	7/1/2008	Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-21	7/1/2008	Fluorene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-21	7/1/2008	Hexachlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-21	7/1/2008	Hexachlorobutadiene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-21	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-21	7/1/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-21	7/1/2008	Hexachloroethane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-21	7/1/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-21	7/1/2008	Indeno (1,2,3-CD) Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-21	7/1/2008	Isodrin	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-21	7/1/2008	Isophorone	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-21	7/1/2008	Isosafrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-21	7/1/2008	Lead	4.39	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-21	7/1/2008	Mercury	0.0123	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-21	7/1/2008	Meta- And Para-Xylene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-21	7/1/2008	Methapyrilene	1800	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-21	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-21	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-21	7/1/2008	Methyl Methanesulfonate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-21	7/1/2008	Methyl Tertiary Butyl Ether	0.4	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-21	7/1/2008	Methylene Bromide	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-21	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-21	7/1/2008	Naphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-21	7/1/2008	Naphthalene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-21	7/1/2008	N-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-21	7/1/2008	N-Dioctyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-21	7/1/2008	Nitrobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-21	7/1/2008	N-Nitroso(Methyl)Ethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-21	7/1/2008	N-Nitrosodiethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-21	7/1/2008	N-Nitrosodimethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-21	7/1/2008	N-Nitroso-Di-N-Butylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-21	7/1/2008	N-Nitrosodi-N-Propylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-21	7/1/2008	N-Nitrosodiphenylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-21	7/1/2008	N-Nitrosomorpholine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-21	7/1/2008	N-Nitrosopiperidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-21	7/1/2008	N-Nitrosopyrrolidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-21	7/1/2008	N-Propylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-21	7/1/2008	O,O,O-Triethylphosphorothioate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-21	7/1/2008	Ortho-Xylene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-21	7/1/2008	O-Toluidine	220	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-21	7/1/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-21	7/1/2008	Pentachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-21	7/1/2008	Pentachloronitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-21	7/1/2008	Pentachlorophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-21	7/1/2008	Phenacetin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-21	7/1/2008	Phenanthrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-21	7/1/2008	Phenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-21	7/1/2008	Pronamide	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-21	7/1/2008	Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-21	7/1/2008	Pyridine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-21	7/1/2008	Safrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-21	7/1/2008	sec-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-21	7/1/2008	Selenium	1.06	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-21	7/1/2008	Silver	0.184	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-21	7/1/2008	Styrene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-21	7/1/2008	tert-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-21	7/1/2008	Tetrachloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-21	7/1/2008	Tetraethyl Dithiopyrophosphate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-21	7/1/2008	Thionazin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-21	7/1/2008	Toluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-21	7/1/2008	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-21	7/1/2008	Trichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-21	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-21	7/1/2008	Vinyl Chloride	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-22	7/2/2008	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-22	7/2/2008	1,1,1-Trichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-22	7/2/2008	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-22	7/2/2008	1,1,2-Trichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-22	7/2/2008	1,1-Dichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-22	7/2/2008	1,1-Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-22	7/2/2008	1,1-Dichloropropene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-22	7/2/2008	1,2,3-Trichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-22	7/2/2008	1,2,3-Trichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-22	7/2/2008	1,2,4,5-Tetrachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-22	7/2/2008	1,2,4-Trichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-22	7/2/2008	1,2,4-Trichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-22	7/2/2008	1,2,4-Trimethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-22	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-22	7/2/2008	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-22	7/2/2008	1,2-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-22	7/2/2008	1,2-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-22	7/2/2008	1,2-Dichloroethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-22	7/2/2008	1,2-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-22	7/2/2008	1,3,5-Trimethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-22	7/2/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-22	7/2/2008	1,3-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-22	7/2/2008	1,3-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-22	7/2/2008	1,3-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-22	7/2/2008	1,3-Dinitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-22	7/2/2008	1,4-Dichlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-22	7/2/2008	1,4-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-22	7/2/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-22	7/2/2008	1,4-Naphthoquinone	940	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-22	7/2/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-22	7/2/2008	2,2-Dichloropropane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-22	7/2/2008	2,3,4,6-Tetrachlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-22	7/2/2008	2,4,5-Trichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-22	7/2/2008	2,4,6-Trichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-22	7/2/2008	2,4-Dichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-22	7/2/2008	2,4-Dimethylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-22	7/2/2008	2,4-Dinitrophenol	760	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-22	7/2/2008	2,4-Dinitrotoluene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-22	7/2/2008	2,6-Dichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-22	7/2/2008	2,6-Dinitrotoluene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-22	7/2/2008	2-Acetylaminofluorene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-22	7/2/2008	2-Chloronaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-22	7/2/2008	2-Chlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-22	7/2/2008	2-Chlorotoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-22	7/2/2008	2-Methylnaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-22	7/2/2008	2-Methylphenol (O-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-22	7/2/2008	2-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-22	7/2/2008	2-Nitroaniline	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-22	7/2/2008	2-Nitrophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-22	7/2/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-22	7/2/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-22	7/2/2008	3,3'-Dimethylbenzidine	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-22	7/2/2008	3-Methylcholanthrene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-22	7/2/2008	3-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-22	7/2/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-22	7/2/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-22	7/2/2008	4-Bromophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-22	7/2/2008	4-Chloro-3-Methylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-22	7/2/2008	4-Chloroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-22	7/2/2008	4-Chlorophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-22	7/2/2008	4-Chlorotoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-22	7/2/2008	4-Dimethylaminoazobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-22	7/2/2008	4-Isopropyltoluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-22	7/2/2008	4-Methylphenol (P-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-22	7/2/2008	4-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-22	7/2/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-22	7/2/2008	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-22	7/2/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-22	7/2/2008	7,12-Dimethylbenz[A]Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-22	7/2/2008	Acenaphthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-22	7/2/2008	Acenaphthylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-22	7/2/2008	Acetophenone	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-22	7/2/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-22	7/2/2008	Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-22	7/2/2008	Arsenic	1.06	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-22	7/2/2008	Barium	12.5	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-22	7/2/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-22	7/2/2008	Benzo(A)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-22	7/2/2008	Benzo(B)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-22	7/2/2008	Benzo(G,H,I)Perylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-22	7/2/2008	Benzo(K)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-22	7/2/2008	Benzo[A]Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-22	7/2/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-22	7/2/2008	Bis(2-Chloroethoxy)Methane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-22	7/2/2008	Bis(2-Chloroethyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-22	7/2/2008	Bis(2-Chloroisopropyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-22	7/2/2008	Bis(2-Ethylhexyl)Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-22	7/2/2008	Bromobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-22	7/2/2008	Bromochloromethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-22	7/2/2008	Bromodichloromethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-22	7/2/2008	Bromoform	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-22	7/2/2008	Butyl Benzyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-22	7/2/2008	Cadmium	0.156	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-22	7/2/2008	Carbon Tetrachloride	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-22	7/2/2008	Chlorobenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-22	7/2/2008	Chlorobenzilate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-22	7/2/2008	Chlorodibromomethane	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-22	7/2/2008	Chloroform	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-22	7/2/2008	Chromium	10.6	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-22	7/2/2008	Chrysene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-22	7/2/2008	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-22	7/2/2008	Cumene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-22	7/2/2008	Diallate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-22	7/2/2008	Dibenz(A,H)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-22	7/2/2008	Dibenzofuran	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-22	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-22	7/2/2008	Diethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-22	7/2/2008	Diisopropyl Ether	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-22	7/2/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-22	7/2/2008	Dimethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-22	7/2/2008	Di-N-Butyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-22	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-22	7/2/2008	Ethyl Methanesulfonate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-22	7/2/2008	Ethylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-22	7/2/2008	Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-22	7/2/2008	Fluorene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-22	7/2/2008	Hexachlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-22	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-22	7/2/2008	Hexachlorobutadiene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-22	7/2/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-22	7/2/2008	Hexachloroethane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-22	7/2/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-22	7/2/2008	Indeno (1,2,3-CD) Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-22	7/2/2008	Isodrin	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-22	7/2/2008	Isophorone	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-22	7/2/2008	Isosafrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-22	7/2/2008	Lead	5.52	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-22	7/2/2008	Mercury	0.0125	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-22	7/2/2008	Meta- And Para-Xylene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-22	7/2/2008	Methapyrilene	1900	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-22	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-22	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-22	7/2/2008	Methyl Methanesulfonate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-22	7/2/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-22	7/2/2008	Methylene Bromide	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-22	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-22	7/2/2008	Naphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-22	7/2/2008	Naphthalene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-22	7/2/2008	N-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-22	7/2/2008	N-Dioctyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-22	7/2/2008	Nitrobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-22	7/2/2008	N-Nitroso(Methyl)Ethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-22	7/2/2008	N-Nitrosodiethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-22	7/2/2008	N-Nitrosodimethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-22	7/2/2008	N-Nitroso-Di-N-Butylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-22	7/2/2008	N-Nitrosodi-N-Propylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-22	7/2/2008	N-Nitrosodiphenylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-22	7/2/2008	N-Nitrosomorpholine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-22	7/2/2008	N-Nitrosopiperidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-22	7/2/2008	N-Nitrosopyrrolidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-22	7/2/2008	N-Propylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-22	7/2/2008	O,O,O-Triethylphosphorothioate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-22	7/2/2008	Ortho-Xylene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-22	7/2/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-22	7/2/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-22	7/2/2008	Pentachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-22	7/2/2008	Pentachloronitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-22	7/2/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-22	7/2/2008	Phenacetin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-22	7/2/2008	Phenanthrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-22	7/2/2008	Phenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-22	7/2/2008	Pronamide	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-22	7/2/2008	Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-22	7/2/2008	Pyridine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-22	7/2/2008	Safrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-22	7/2/2008	sec-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-22	7/2/2008	Selenium	1.09	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-22	7/2/2008	Silver	0.189	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-22	7/2/2008	Styrene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-22	7/2/2008	tert-Butylbenzene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-22	7/2/2008	Tetrachloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-22	7/2/2008	Tetraethyl Dithiopyrophosphate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-22	7/2/2008	Thionazin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-22	7/2/2008	Toluene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-22	7/2/2008	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-22	7/2/2008	Trichloroethene	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-22	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-22	7/2/2008	Vinyl Chloride	0.9	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-23	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-23	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-23	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-23	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-23	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-23	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-23	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-23	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-23	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-23	7/1/2008	1,2,4,5-Tetrachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-23	7/1/2008	1,2,4-Trichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-23	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-23	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-23	7/1/2008	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-23	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-23	7/1/2008	1,2-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-23	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-23	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-23	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-23	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-23	7/1/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-23	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-23	7/1/2008	1,3-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-23	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-23	7/1/2008	1,3-Dinitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-23	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-23	7/1/2008	1,4-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-23	7/1/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-23	7/1/2008	1,4-Naphthoquinone	990	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-23	7/1/2008	1-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-23	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-23	7/1/2008	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-23	7/1/2008	2,4,5-Trichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-23	7/1/2008	2,4,6-Trichlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-23	7/1/2008	2,4-Dichlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-23	7/1/2008	2,4-Dimethylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-23	7/1/2008	2,4-Dinitrophenol	790	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-23	7/1/2008	2,4-Dinitrotoluene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-23	7/1/2008	2,6-Dichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-23	7/1/2008	2,6-Dinitrotoluene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-23	7/1/2008	2-Acetylaminofluorene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-23	7/1/2008	2-Chloronaphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-23	7/1/2008	2-Chlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-23	7/1/2008	2-Chlorotoluene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-23	7/1/2008	2-Methylnaphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-23	7/1/2008	2-Methylphenol (O-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-23	7/1/2008	2-Naphthylamine	200	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-23	7/1/2008	2-Nitroaniline	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-23	7/1/2008	2-Nitrophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-23	7/1/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-23	7/1/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-23	7/1/2008	3,3'-Dimethylbenzidine	400	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-23	7/1/2008	3-Methylcholanthrene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-23	7/1/2008	3-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-23	7/1/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-23	7/1/2008	4-Aminobiphenyl	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-23	7/1/2008	4-Bromophenyl Phenyl Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-23	7/1/2008	4-Chloro-3-Methylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-23	7/1/2008	4-Chloroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-23	7/1/2008	4-Chlorophenyl Phenyl Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-23	7/1/2008	4-Chlorotoluene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-23	7/1/2008	4-Dimethylaminoazobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-23	7/1/2008	4-Isopropyltoluene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-23	7/1/2008	4-Methylphenol (P-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-23	7/1/2008	4-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-23	7/1/2008	4-Nitrophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-23	7/1/2008	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-23	7/1/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-23	7/1/2008	7,12-Dimethylbenz[A]Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-23	7/1/2008	Acenaphthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-23	7/1/2008	Acenaphthylene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-23	7/1/2008	Acetophenone	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-23	7/1/2008	Aniline	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-23	7/1/2008	Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-23	7/1/2008	Arsenic	5.26	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-23	7/1/2008	Barium	147	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-23	7/1/2008	Benzene	0.7	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-23	7/1/2008	Benzo(A)Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-23	7/1/2008	Benzo(B)Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-23	7/1/2008	Benzo(G,H,I)Perylene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-23	7/1/2008	Benzo(K)Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-23	7/1/2008	Benzo[A]Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-23	7/1/2008	Benzyl Alcohol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-23	7/1/2008	Bis(2-Chloroethoxy)Methane	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-23	7/1/2008	Bis(2-Chloroethyl)Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-23	7/1/2008	Bis(2-Chloroisopropyl)Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-23	7/1/2008	Bis(2-Ethylhexyl)Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-23	7/1/2008	Bromobenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-23	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-23	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-23	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-23	7/1/2008	Butyl Benzyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-23	7/1/2008	Cadmium	0.165	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-23	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-23	7/1/2008	Chlorobenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-23	7/1/2008	Chlorobenzilate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-23	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-23	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-23	7/1/2008	Chromium	15.8	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-23	7/1/2008	Chrysene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-23	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-23	7/1/2008	Cumene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-23	7/1/2008	Diallate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-23	7/1/2008	Dibenz(A,H)Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-23	7/1/2008	Dibenzofuran	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-23	7/1/2008	Dichlorodifluoromethane	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-23	7/1/2008	Diethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-23	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-23	7/1/2008	Dimethoate	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-23	7/1/2008	Dimethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-23	7/1/2008	Di-N-Butyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-23	7/1/2008	Ethyl Chloride	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-23	7/1/2008	Ethyl Methanesulfonate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-23	7/1/2008	Ethylbenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-23	7/1/2008	Fluoranthene	43	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-23	7/1/2008	Fluorene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-23	7/1/2008	Hexachlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-23	7/1/2008	Hexachlorobutadiene	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-23	7/1/2008	Hexachlorobutadiene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-23	7/1/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-23	7/1/2008	Hexachloroethane	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-23	7/1/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-23	7/1/2008	Indeno (1,2,3-CD) Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-23	7/1/2008	Isodrin	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-23	7/1/2008	Isophorone	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-23	7/1/2008	Isosafrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-23	7/1/2008	Lead	9.37	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-23	7/1/2008	Mercury	0.0451	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-23	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-23	7/1/2008	Methapyrilene	2000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-23	7/1/2008	Methyl Bromide	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-23	7/1/2008	Methyl Chloride	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-23	7/1/2008	Methyl Methanesulfonate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-23	7/1/2008	Methyl Tertiary Butyl Ether	0.7	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-23	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-23	7/1/2008	Methylene Chloride	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-23	7/1/2008	Naphthalene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-23	7/1/2008	Naphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-23	7/1/2008	N-Butylbenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-23	7/1/2008	N-Dioctyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-23	7/1/2008	Nitrobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-23	7/1/2008	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-23	7/1/2008	N-Nitrosodiethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-23	7/1/2008	N-Nitrosodimethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-23	7/1/2008	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-23	7/1/2008	N-Nitrosodi-N-Propylamine	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-23	7/1/2008	N-Nitrosodiphenylamine	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-23	7/1/2008	N-Nitrosomorpholine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-23	7/1/2008	N-Nitrosopiperidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-23	7/1/2008	N-Nitrosopyrrolidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-23	7/1/2008	N-Propylbenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-23	7/1/2008	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-23	7/1/2008	Ortho-Xylene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-23	7/1/2008	O-Toluidine	240	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-23	7/1/2008	para-Phenylenediamine	14000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-23	7/1/2008	Pentachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-23	7/1/2008	Pentachloronitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-23	7/1/2008	Pentachlorophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-23	7/1/2008	Phenacetin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-23	7/1/2008	Phenanthrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-23	7/1/2008	Phenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-23	7/1/2008	Pronamide	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-23	7/1/2008	Pyrene	43	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-23	7/1/2008	Pyridine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-23	7/1/2008	Safrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-23	7/1/2008	sec-Butylbenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-23	7/1/2008	Selenium	1.15	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-23	7/1/2008	Silver	0.243	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-23	7/1/2008	Styrene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-23	7/1/2008	tert-Butylbenzene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-23	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-23	7/1/2008	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-23	7/1/2008	Thionazin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-23	7/1/2008	Toluene	1	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-23	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-23	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-23	7/1/2008	Trichlorofluoromethane	3	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-23	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-24	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-24	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-24	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-24	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-24	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-24	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-24	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-24	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-24	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-24	7/1/2008	1,2,4,5-Tetrachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-24	7/1/2008	1,2,4-Trichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-24	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-24	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-24	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-24	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-24	7/1/2008	1,2-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-24	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-24	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-24	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-24	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-24	7/1/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-24	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-24	7/1/2008	1,3-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-24	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-24	7/1/2008	1,3-Dinitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-24	7/1/2008	1,4-Dichlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-24	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-24	7/1/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-24	7/1/2008	1,4-Naphthoquinone	910	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-24	7/1/2008	1-Naphthylamine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-24	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-24	7/1/2008	2,3,4,6-Tetrachlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-24	7/1/2008	2,4,5-Trichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-24	7/1/2008	2,4,6-Trichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-24	7/1/2008	2,4-Dichlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-24	7/1/2008	2,4-Dimethylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-24	7/1/2008	2,4-Dinitrophenol	730	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-24	7/1/2008	2,4-Dinitrotoluene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-24	7/1/2008	2,6-Dichlorophenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-24	7/1/2008	2,6-Dinitrotoluene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-24	7/1/2008	2-Acetylaminofluorene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-24	7/1/2008	2-Chloronaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-24	7/1/2008	2-Chlorophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-24	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-24	7/1/2008	2-Methylnaphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-24	7/1/2008	2-Methylphenol (O-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-24	7/1/2008	2-Naphthylamine	180	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-24	7/1/2008	2-Nitroaniline	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-24	7/1/2008	2-Nitrophenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-24	7/1/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-24	7/1/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-24	7/1/2008	3,3'-Dimethylbenzidine	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-24	7/1/2008	3-Methylcholanthrene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-24	7/1/2008	3-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-24	7/1/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-24	7/1/2008	4-Aminobiphenyl	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-24	7/1/2008	4-Bromophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-24	7/1/2008	4-Chloro-3-Methylphenol	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-24	7/1/2008	4-Chloroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-24	7/1/2008	4-Chlorophenyl Phenyl Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-24	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-24	7/1/2008	4-Dimethylaminoazobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-24	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-24	7/1/2008	4-Methylphenol (P-Cresol)	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-24	7/1/2008	4-Nitroaniline	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-24	7/1/2008	4-Nitrophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-24	7/1/2008	4-Nitroquinoline-N-Oxide	370	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-24	7/1/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-24	7/1/2008	7,12-Dimethylbenz[A]Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-24	7/1/2008	Acenaphthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-24	7/1/2008	Acenaphthylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-24	7/1/2008	Acetophenone	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-24	7/1/2008	Aniline	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-24	7/1/2008	Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-24	7/1/2008	Arsenic	2.02	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-24	7/1/2008	Barium	16.7	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-24	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-24	7/1/2008	Benzo(A)Anthracene	53	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-24	7/1/2008	Benzo(B)Fluoranthene	51	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-24	7/1/2008	Benzo(G,H,I)Perylene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-24	7/1/2008	Benzo(K)Fluoranthene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-24	7/1/2008	Benzo[A]Pyrene	38	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-24	7/1/2008	Benzyl Alcohol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-24	7/1/2008	Bis(2-Chloroethoxy)Methane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-24	7/1/2008	Bis(2-Chloroethyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-24	7/1/2008	Bis(2-Chloroisopropyl)Ether	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-24	7/1/2008	Bis(2-Ethylhexyl)Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-24	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-24	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-24	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-24	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-24	7/1/2008	Butyl Benzyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-24	7/1/2008	Cadmium	0.152	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-24	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-24	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-24	7/1/2008	Chlorobenzilate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-24	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-24	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-24	7/1/2008	Chromium	13.9	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-24	7/1/2008	Chrysene	53	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-24	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-24	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-24	7/1/2008	Diallate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-24	7/1/2008	Dibenz(A,H)Anthracene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-24	7/1/2008	Dibenzofuran	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-24	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-24	7/1/2008	Diethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-24	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-24	7/1/2008	Dimethoate	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-24	7/1/2008	Dimethyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-24	7/1/2008	Di-N-Butyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-24	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-24	7/1/2008	Ethyl Methanesulfonate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-24	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-24	7/1/2008	Fluoranthene	120	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-24	7/1/2008	Fluorene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-24	7/1/2008	Hexachlorobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-24	7/1/2008	Hexachlorobutadiene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-24	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-24	7/1/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-24	7/1/2008	Hexachloroethane	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-24	7/1/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-24	7/1/2008	Indeno (1,2,3-CD) Pyrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-24	7/1/2008	Isodrin	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-24	7/1/2008	Isophorone	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-24	7/1/2008	Isosafrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-24	7/1/2008	Lead	6.62	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-24	7/1/2008	Mercury	0.0228	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-24	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-24	7/1/2008	Methapyrilene	1800	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-24	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-24	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-24	7/1/2008	Methyl Methanesulfonate	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-24	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-24	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-24	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-24	7/1/2008	Naphthalene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-24	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-24	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-24	7/1/2008	N-Dioctyl Phthalate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-24	7/1/2008	Nitrobenzene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-24	7/1/2008	N-Nitroso(Methyl)Ethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-24	7/1/2008	N-Nitrosodiethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-24	7/1/2008	N-Nitrosodimethylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-24	7/1/2008	N-Nitroso-Di-N-Butylamine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-24	7/1/2008	N-Nitrosodi-N-Propylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-24	7/1/2008	N-Nitrosodiphenylamine	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-24	7/1/2008	N-Nitrosomorpholine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-24	7/1/2008	N-Nitrosopiperidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-24	7/1/2008	N-Nitrosopyrrolidine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-24	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-24	7/1/2008	O,O,O-Triethylphosphorothioate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-24	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-24	7/1/2008	O-Toluidine	220	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-24	7/1/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-24	7/1/2008	Pentachlorobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-24	7/1/2008	Pentachloronitrobenzene	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-24	7/1/2008	Pentachlorophenol	180	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-24	7/1/2008	Phenacetin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-24	7/1/2008	Phenanthrene	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-24	7/1/2008	Phenol	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-24	7/1/2008	Pronamide	37	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-24	7/1/2008	Pyrene	120	UG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-24	7/1/2008	Pyridine	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-24	7/1/2008	Safrole	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-24	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-24	7/1/2008	Selenium	1.06	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-24	7/1/2008	Silver	0.185	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-24	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-24	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-24	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-24	7/1/2008	Tetraethyl Dithiopyrophosphate	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-24	7/1/2008	Thionazin	73	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-24	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-24	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-24	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-24	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-24	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-25	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-25	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-25	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-25	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-25	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-25	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-25	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-25	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-25	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-25	7/1/2008	1,2,4,5-Tetrachlorobenzene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-25	7/1/2008	1,2,4-Trichlorobenzene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-25	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-25	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-25	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-25	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-25	7/1/2008	1,2-Dichlorobenzene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-25	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-25	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-25	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-25	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-25	7/1/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-25	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-25	7/1/2008	1,3-Dichlorobenzene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-25	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-25	7/1/2008	1,3-Dinitrobenzene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-25	7/1/2008	1,4-Dichlorobenzene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-25	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-25	7/1/2008	1,4-Dioxane	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-25	7/1/2008	1,4-Naphthoquinone	960	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-25	7/1/2008	1-Naphthylamine	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-25	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-25	7/1/2008	2,3,4,6-Tetrachlorophenol	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-25	7/1/2008	2,4,5-Trichlorophenol	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-25	7/1/2008	2,4,6-Trichlorophenol	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-25	7/1/2008	2,4-Dichlorophenol	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-25	7/1/2008	2,4-Dimethylphenol	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-25	7/1/2008	2,4-Dinitrophenol	770	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-25	7/1/2008	2,4-Dinitrotoluene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-25	7/1/2008	2,6-Dichlorophenol	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-25	7/1/2008	2,6-Dinitrotoluene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-25	7/1/2008	2-Acetylaminofluorene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-25	7/1/2008	2-Chloronaphthalene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-25	7/1/2008	2-Chlorophenol	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-25	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-25	7/1/2008	2-Methylnaphthalene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-25	7/1/2008	2-Methylphenol (O-Cresol)	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-25	7/1/2008	2-Naphthylamine	190	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-25	7/1/2008	2-Nitroaniline	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-25	7/1/2008	2-Nitrophenol	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-25	7/1/2008	2-Picoline	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-25	7/1/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-25	7/1/2008	3,3'-Dimethylbenzidine	390	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-25	7/1/2008	3-Methylcholanthrene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-25	7/1/2008	3-Nitroaniline	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-25	7/1/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-25	7/1/2008	4-Aminobiphenyl	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-25	7/1/2008	4-Bromophenyl Phenyl Ether	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-25	7/1/2008	4-Chloro-3-Methylphenol	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-25	7/1/2008	4-Chloroaniline	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-25	7/1/2008	4-Chlorophenyl Phenyl Ether	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-25	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-25	7/1/2008	4-Dimethylaminoazobenzene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-25	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-25	7/1/2008	4-Methylphenol (P-Cresol)	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-25	7/1/2008	4-Nitroaniline	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-25	7/1/2008	4-Nitrophenol	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-25	7/1/2008	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-25	7/1/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-25	7/1/2008	7,12-Dimethylbenz[A]Anthracene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-25	7/1/2008	Acenaphthene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-25	7/1/2008	Acenaphthylene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-25	7/1/2008	Acetophenone	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-25	7/1/2008	Aniline	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-25	7/1/2008	Anthracene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-25	7/1/2008	Arsenic	2.75	MG/KG			Y	Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-25	7/1/2008	Barium	12.6	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-25	7/1/2008	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-25	7/1/2008	Benzo(A)Anthracene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-25	7/1/2008	Benzo(B)Fluoranthene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-25	7/1/2008	Benzo(G,H,I)Perylene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-25	7/1/2008	Benzo(K)Fluoranthene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-25	7/1/2008	Benzo[A]Pyrene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-25	7/1/2008	Benzyl Alcohol	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-25	7/1/2008	Bis(2-Chloroethoxy)Methane	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-25	7/1/2008	Bis(2-Chloroethyl)Ether	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-25	7/1/2008	Bis(2-Chloroisopropyl)Ether	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-25	7/1/2008	Bis(2-Ethylhexyl)Phthalate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-25	7/1/2008	Bromobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-25	7/1/2008	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-25	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-25	7/1/2008	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-25	7/1/2008	Butyl Benzyl Phthalate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-25	7/1/2008	Cadmium	0.159	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-25	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-25	7/1/2008	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-25	7/1/2008	Chlorobenzilate	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-25	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-25	7/1/2008	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-25	7/1/2008	Chromium	18.7	MG/KG				Y	3-5 Feet	FS	Soil	Site Background	42.7
RW-25	7/1/2008	Chrysene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-25	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-25	7/1/2008	Cumene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-25	7/1/2008	Diallate	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-25	7/1/2008	Dibenz(A,H)Anthracene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-25	7/1/2008	Dibenzofuran	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-25	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-25	7/1/2008	Diethyl Phthalate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-25	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-25	7/1/2008	Dimethoate	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-25	7/1/2008	Dimethyl Phthalate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-25	7/1/2008	Di-N-Butyl Phthalate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-25	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-25	7/1/2008	Ethyl Methanesulfonate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-25	7/1/2008	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-25	7/1/2008	Fluoranthene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-25	7/1/2008	Fluorene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-25	7/1/2008	Hexachlorobenzene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-25	7/1/2008	Hexachlorobutadiene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-25	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-25	7/1/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-25	7/1/2008	Hexachloroethane	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-25	7/1/2008	Hexachloropropylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-25	7/1/2008	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-25	7/1/2008	Isodrin	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-25	7/1/2008	Isophorone	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-25	7/1/2008	Isosafrole	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-25	7/1/2008	Lead	6.7	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-25	7/1/2008	Mercury	0.0197	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-25	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-25	7/1/2008	Methapyrilene	1900	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-25	7/1/2008	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-25	7/1/2008	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-25	7/1/2008	Methyl Methanesulfonate	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-25	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-25	7/1/2008	Methylene Bromide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-25	7/1/2008	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-25	7/1/2008	Naphthalene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-25	7/1/2008	Naphthalene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-25	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-25	7/1/2008	N-Dioctyl Phthalate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-25	7/1/2008	Nitrobenzene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-25	7/1/2008	N-Nitroso(Methyl)Ethylamine	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-25	7/1/2008	N-Nitrosodiethylamine	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-25	7/1/2008	N-Nitrosodimethylamine	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-25	7/1/2008	N-Nitroso-Di-N-Butylamine	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-25	7/1/2008	N-Nitrosodi-N-Propylamine	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-25	7/1/2008	N-Nitrosodiphenylamine	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-25	7/1/2008	N-Nitrosomorpholine	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-25	7/1/2008	N-Nitrosopiperidine	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-25	7/1/2008	N-Nitrosopyrrolidine	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-25	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-25	7/1/2008	O,O,O-Triethylphosphorothioate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-25	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-25	7/1/2008	O-Toluidine	230	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-25	7/1/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-25	7/1/2008	Pentachlorobenzene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-25	7/1/2008	Pentachloronitrobenzene	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-25	7/1/2008	Pentachlorophenol	190	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-25	7/1/2008	Phenacetin	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-25	7/1/2008	Phenanthrene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-25	7/1/2008	Phenol	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-25	7/1/2008	Pronamide	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-25	7/1/2008	Pyrene	39	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-25	7/1/2008	Pyridine	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-25	7/1/2008	Safrole	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-25	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-25	7/1/2008	Selenium	1.11	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-25	7/1/2008	Silver	0.218	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-25	7/1/2008	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-25	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-25	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-25	7/1/2008	Tetraethyl Dithiopyrophosphate	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-25	7/1/2008	Thionazin	77	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-25	7/1/2008	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-25	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-25	7/1/2008	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-25	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-25	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-26	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-26	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-26	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-26	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-26	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-26	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-26	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-26	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-26	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-26	7/1/2008	1,2,4,5-Tetrachlorobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-26	7/1/2008	1,2,4-Trichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-26	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-26	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-26	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-26	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-26	7/1/2008	1,2-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-26	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-26	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-26	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-26	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-26	7/1/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-26	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-26	7/1/2008	1,3-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-26	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-26	7/1/2008	1,3-Dinitrobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-26	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-26	7/1/2008	1,4-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-26	7/1/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-26	7/1/2008	1,4-Naphthoquinone	970	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-26	7/1/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-26	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-26	7/1/2008	2,3,4,6-Tetrachlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-26	7/1/2008	2,4,5-Trichlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-26	7/1/2008	2,4,6-Trichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-26	7/1/2008	2,4-Dichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-26	7/1/2008	2,4-Dimethylphenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-26	7/1/2008	2,4-Dinitrophenol	780	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-26	7/1/2008	2,4-Dinitrotoluene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-26	7/1/2008	2,6-Dichlorophenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-26	7/1/2008	2,6-Dinitrotoluene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-26	7/1/2008	2-Acetylaminofluorene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-26	7/1/2008	2-Chloronaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-26	7/1/2008	2-Chlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-26	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-26	7/1/2008	2-Methylnaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-26	7/1/2008	2-Methylphenol (O-Cresol)	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-26	7/1/2008	2-Naphthylamine	190	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-26	7/1/2008	2-Nitroaniline	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-26	7/1/2008	2-Nitrophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-26	7/1/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-26	7/1/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-26	7/1/2008	3,3'-Dimethylbenzidine	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-26	7/1/2008	3-Methylcholanthrene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-26	7/1/2008	3-Nitroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-26	7/1/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-26	7/1/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-26	7/1/2008	4-Bromophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-26	7/1/2008	4-Chloro-3-Methylphenol	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-26	7/1/2008	4-Chloroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-26	7/1/2008	4-Chlorophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-26	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-26	7/1/2008	4-Dimethylaminoazobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-26	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-26	7/1/2008	4-Methylphenol (P-Cresol)	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-26	7/1/2008	4-Nitroaniline	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-26	7/1/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-26	7/1/2008	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-26	7/1/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-26	7/1/2008	7,12-Dimethylbenz[A]Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-26	7/1/2008	Acenaphthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-26	7/1/2008	Acenaphthylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-26	7/1/2008	Acetophenone	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-26	7/1/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-26	7/1/2008	Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-26	7/1/2008	Arsenic	1.15	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-26	7/1/2008	Barium	16.1	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-26	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-26	7/1/2008	Benzo(A)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-26	7/1/2008	Benzo(B)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-26	7/1/2008	Benzo(G,H,I)Perylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-26	7/1/2008	Benzo(K)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-26	7/1/2008	Benzo[A]Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-26	7/1/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-26	7/1/2008	Bis(2-Chloroethoxy)Methane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-26	7/1/2008	Bis(2-Chloroethyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-26	7/1/2008	Bis(2-Chloroisopropyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-26	7/1/2008	Bis(2-Ethylhexyl)Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-26	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-26	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-26	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-26	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-26	7/1/2008	Butyl Benzyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-26	7/1/2008	Cadmium	0.16	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-26	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-26	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-26	7/1/2008	Chlorobenzilate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-26	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-26	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-26	7/1/2008	Chromium	14.6	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-26	7/1/2008	Chrysene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-26	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-26	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-26	7/1/2008	Diallate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-26	7/1/2008	Dibenz(A,H)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-26	7/1/2008	Dibenzofuran	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-26	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-26	7/1/2008	Diethyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-26	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-26	7/1/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-26	7/1/2008	Dimethyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-26	7/1/2008	Di-N-Butyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-26	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-26	7/1/2008	Ethyl Methanesulfonate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-26	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-26	7/1/2008	Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-26	7/1/2008	Fluorene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-26	7/1/2008	Hexachlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-26	7/1/2008	Hexachlorobutadiene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-26	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-26	7/1/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-26	7/1/2008	Hexachloroethane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-26	7/1/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-26	7/1/2008	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-26	7/1/2008	Isodrin	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-26	7/1/2008	Isophorone	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-26	7/1/2008	Isosafrole	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-26	7/1/2008	Lead	9.4	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-26	7/1/2008	Mercury	0.0408	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-26	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-26	7/1/2008	Methapyrilene	1900	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-26	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-26	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-26	7/1/2008	Methyl Methanesulfonate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-26	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-26	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-26	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-26	7/1/2008	Naphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-26	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-26	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-26	7/1/2008	N-Dioctyl Phthalate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-26	7/1/2008	Nitrobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-26	7/1/2008	N-Nitroso(Methyl)Ethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-26	7/1/2008	N-Nitrosodiethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-26	7/1/2008	N-Nitrosodimethylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-26	7/1/2008	N-Nitroso-Di-N-Butylamine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-26	7/1/2008	N-Nitrosodi-N-Propylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-26	7/1/2008	N-Nitrosodiphenylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-26	7/1/2008	N-Nitrosomorpholine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-26	7/1/2008	N-Nitrosopiperidine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-26	7/1/2008	N-Nitrosopyrrolidine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-26	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-26	7/1/2008	O,O,O-Triethylphosphorothioate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-26	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-26	7/1/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-26	7/1/2008	para-Phenylenediamine	14000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-26	7/1/2008	Pentachlorobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-26	7/1/2008	Pentachloronitrobenzene	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-26	7/1/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-26	7/1/2008	Phenacetin	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-26	7/1/2008	Phenanthrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-26	7/1/2008	Phenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-26	7/1/2008	Pronamide	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-26	7/1/2008	Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-26	7/1/2008	Pyridine	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-26	7/1/2008	Safrole	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-26	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-26	7/1/2008	Selenium	1.12	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-26	7/1/2008	Silver	0.37	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-26	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-26	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-26	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-26	7/1/2008	Tetraethyl Dithiopyrophosphate	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-26	7/1/2008	Thionazin	78	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-26	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-26	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-26	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-26	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-26	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-27	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-27	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-27	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-27	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-27	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-27	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-27	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-27	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-27	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-27	7/1/2008	1,2,4,5-Tetrachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-27	7/1/2008	1,2,4-Trichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-27	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-27	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-27	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-27	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-27	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-27	7/1/2008	1,2-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-27	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-27	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-27	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-27	7/1/2008	1,3,5-Trinitrobenzene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-27	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-27	7/1/2008	1,3-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-27	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-27	7/1/2008	1,3-Dinitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-27	7/1/2008	1,4-Dichlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-27	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-27	7/1/2008	1,4-Dioxane	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-27	7/1/2008	1,4-Naphthoquinone	950	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-27	7/1/2008	1-Naphthylamine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-27	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-27	7/1/2008	2,3,4,6-Tetrachlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-27	7/1/2008	2,4,5-Trichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-27	7/1/2008	2,4,6-Trichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-27	7/1/2008	2,4-Dichlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-27	7/1/2008	2,4-Dimethylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-27	7/1/2008	2,4-Dinitrophenol	760	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-27	7/1/2008	2,4-Dinitrotoluene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-27	7/1/2008	2,6-Dichlorophenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-27	7/1/2008	2,6-Dinitrotoluene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-27	7/1/2008	2-Acetylaminofluorene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-27	7/1/2008	2-Chloronaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-27	7/1/2008	2-Chlorophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-27	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-27	7/1/2008	2-Methylnaphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-27	7/1/2008	2-Methylphenol (O-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-27	7/1/2008	2-Naphthylamine	190	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-27	7/1/2008	2-Nitroaniline	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-27	7/1/2008	2-Nitrophenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-27	7/1/2008	2-Picoline	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-27	7/1/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-27	7/1/2008	3,3'-Dimethylbenzidine	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-27	7/1/2008	3-Methylcholanthrene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-27	7/1/2008	3-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-27	7/1/2008	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-27	7/1/2008	4-Aminobiphenyl	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-27	7/1/2008	4-Bromophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-27	7/1/2008	4-Chloro-3-Methylphenol	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-27	7/1/2008	4-Chloroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-27	7/1/2008	4-Chlorophenyl Phenyl Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-27	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-27	7/1/2008	4-Dimethylaminoazobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-27	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-27	7/1/2008	4-Methylphenol (P-Cresol)	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-27	7/1/2008	4-Nitroaniline	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-27	7/1/2008	4-Nitrophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-27	7/1/2008	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-27	7/1/2008	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-27	7/1/2008	7,12-Dimethylbenz[A]Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-27	7/1/2008	Acenaphthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-27	7/1/2008	Acenaphthylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-27	7/1/2008	Acetophenone	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-27	7/1/2008	Aniline	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-27	7/1/2008	Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-27	7/1/2008	Arsenic	1.59	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-27	7/1/2008	Barium	14.8	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-27	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-27	7/1/2008	Benzo(A)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-27	7/1/2008	Benzo(B)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-27	7/1/2008	Benzo(G,H,I)Perylene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-27	7/1/2008	Benzo(K)Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-27	7/1/2008	Benzo[A]Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-27	7/1/2008	Benzyl Alcohol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-27	7/1/2008	Bis(2-Chloroethoxy)Methane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-27	7/1/2008	Bis(2-Chloroethyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-27	7/1/2008	Bis(2-Chloroisopropyl)Ether	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-27	7/1/2008	Bis(2-Ethylhexyl)Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-27	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-27	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-27	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-27	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-27	7/1/2008	Butyl Benzyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-27	7/1/2008	Cadmium	0.158	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-27	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-27	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-27	7/1/2008	Chlorobenzilate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-27	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-27	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-27	7/1/2008	Chromium	11.7	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-27	7/1/2008	Chrysene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-27	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-27	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-27	7/1/2008	Diallate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-27	7/1/2008	Dibenz(A,H)Anthracene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-27	7/1/2008	Dibenzofuran	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-27	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-27	7/1/2008	Diethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-27	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-27	7/1/2008	Dimethoate	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-27	7/1/2008	Dimethyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-27	7/1/2008	Di-N-Butyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-27	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-27	7/1/2008	Ethyl Methanesulfonate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-27	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-27	7/1/2008	Fluoranthene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-27	7/1/2008	Fluorene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-27	7/1/2008	Hexachlorobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-27	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-27	7/1/2008	Hexachlorobutadiene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-27	7/1/2008	Hexachlorocyclopentadiene	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-27	7/1/2008	Hexachloroethane	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-27	7/1/2008	Hexachloropropylene	110	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-27	7/1/2008	Indeno (1,2,3-CD) Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-27	7/1/2008	Isodrin	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-27	7/1/2008	Isophorone	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-27	7/1/2008	Isosafrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-27	7/1/2008	Lead	7.61	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-27	7/1/2008	Mercury	0.0273	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-27	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-27	7/1/2008	Methapyrilene	1900	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-27	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-27	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-27	7/1/2008	Methyl Methanesulfonate	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-27	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-27	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-27	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-27	7/1/2008	Naphthalene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-27	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-27	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-27	7/1/2008	N-Dioctyl Phthalate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-27	7/1/2008	Nitrobenzene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-27	7/1/2008	N-Nitroso(Methyl)Ethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-27	7/1/2008	N-Nitrosodiethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-27	7/1/2008	N-Nitrosodimethylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-27	7/1/2008	N-Nitroso-Di-N-Butylamine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-27	7/1/2008	N-Nitrosodi-N-Propylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-27	7/1/2008	N-Nitrosodiphenylamine	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-27	7/1/2008	N-Nitrosomorpholine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-27	7/1/2008	N-Nitrosopiperidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-27	7/1/2008	N-Nitrosopyrrolidine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-27	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-27	7/1/2008	O,O,O-Triethylphosphorothioate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-27	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-27	7/1/2008	O-Toluidine	230	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-27	7/1/2008	para-Phenylenediamine	13000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-27	7/1/2008	Pentachlorobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-27	7/1/2008	Pentachloronitrobenzene	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-27	7/1/2008	Pentachlorophenol	190	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-27	7/1/2008	Phenacetin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-27	7/1/2008	Phenanthrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-27	7/1/2008	Phenol	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-27	7/1/2008	Pronamide	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-27	7/1/2008	Pyrene	38	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-27	7/1/2008	Pyridine	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-27	7/1/2008	Safrole	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-27	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-27	7/1/2008	Selenium	1.11	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-27	7/1/2008	Silver	0.192	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-27	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-27	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-27	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-27	7/1/2008	Tetraethyl Dithiopyrophosphate	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-27	7/1/2008	Thionazin	76	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-27	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-27	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-27	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-27	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-27	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-28	7/1/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-28	7/1/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-28	7/1/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-28	7/1/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-28	7/1/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-28	7/1/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-28	7/1/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-28	7/1/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-28	7/1/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-28	7/1/2008	1,2,4,5-Tetrachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-28	7/1/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-28	7/1/2008	1,2,4-Trichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-28	7/1/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-28	7/1/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-28	7/1/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-28	7/1/2008	1,2-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-28	7/1/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-28	7/1/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-28	7/1/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-28	7/1/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-28	7/1/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-28	7/1/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-28	7/1/2008	1,3-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-28	7/1/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-28	7/1/2008	1,3-Dinitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-28	7/1/2008	1,4-Dichlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-28	7/1/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-28	7/1/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-28	7/1/2008	1,4-Naphthoquinone	990	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-28	7/1/2008	1-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-28	7/1/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-28	7/1/2008	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-28	7/1/2008	2,4,5-Trichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-28	7/1/2008	2,4,6-Trichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-28	7/1/2008	2,4-Dichlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-28	7/1/2008	2,4-Dimethylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-28	7/1/2008	2,4-Dinitrophenol	790	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-28	7/1/2008	2,4-Dinitrotoluene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-28	7/1/2008	2,6-Dichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-28	7/1/2008	2,6-Dinitrotoluene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-28	7/1/2008	2-Acetylaminofluorene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-28	7/1/2008	2-Chloronaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-28	7/1/2008	2-Chlorophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-28	7/1/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-28	7/1/2008	2-Methylnaphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-28	7/1/2008	2-Methylphenol (O-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-28	7/1/2008	2-Naphthylamine	200	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-28	7/1/2008	2-Nitroaniline	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-28	7/1/2008	2-Nitrophenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-28	7/1/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-28	7/1/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-28	7/1/2008	3,3'-Dimethylbenzidine	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-28	7/1/2008	3-Methylcholanthrene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-28	7/1/2008	3-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-28	7/1/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-28	7/1/2008	4-Aminobiphenyl	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-28	7/1/2008	4-Bromophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-28	7/1/2008	4-Chloro-3-Methylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-28	7/1/2008	4-Chloroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-28	7/1/2008	4-Chlorophenyl Phenyl Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-28	7/1/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-28	7/1/2008	4-Dimethylaminoazobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-28	7/1/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-28	7/1/2008	4-Methylphenol (P-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-28	7/1/2008	4-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-28	7/1/2008	4-Nitrophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-28	7/1/2008	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-28	7/1/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-28	7/1/2008	7,12-Dimethylbenz[A]Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-28	7/1/2008	Acenaphthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-28	7/1/2008	Acenaphthylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-28	7/1/2008	Acetophenone	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-28	7/1/2008	Aniline	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-28	7/1/2008	Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-28	7/1/2008	Arsenic	4.81	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-28	7/1/2008	Barium	13.7	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-28	7/1/2008	Benzene	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-28	7/1/2008	Benzo(A)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-28	7/1/2008	Benzo(B)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-28	7/1/2008	Benzo(G,H,I)Perylene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-28	7/1/2008	Benzo(K)Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-28	7/1/2008	Benzo[A]Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-28	7/1/2008	Benzyl Alcohol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-28	7/1/2008	Bis(2-Chloroethoxy)Methane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-28	7/1/2008	Bis(2-Chloroethyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-28	7/1/2008	Bis(2-Chloroisopropyl)Ether	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-28	7/1/2008	Bis(2-Ethylhexyl)Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-28	7/1/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-28	7/1/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-28	7/1/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-28	7/1/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-28	7/1/2008	Butyl Benzyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-28	7/1/2008	Cadmium	0.164	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-28	7/1/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-28	7/1/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-28	7/1/2008	Chlorobenzilate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-28	7/1/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-28	7/1/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-28	7/1/2008	Chromium	26.9	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-28	7/1/2008	Chrysene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-28	7/1/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-28	7/1/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-28	7/1/2008	Diallate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-28	7/1/2008	Dibenz(A,H)Anthracene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-28	7/1/2008	Dibenzofuran	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-28	7/1/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-28	7/1/2008	Diethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-28	7/1/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-28	7/1/2008	Dimethoate	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-28	7/1/2008	Dimethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-28	7/1/2008	Di-N-Butyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-28	7/1/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-28	7/1/2008	Ethyl Methanesulfonate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-28	7/1/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-28	7/1/2008	Fluoranthene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-28	7/1/2008	Fluorene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-28	7/1/2008	Hexachlorobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-28	7/1/2008	Hexachlorobutadiene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-28	7/1/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-28	7/1/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-28	7/1/2008	Hexachloroethane	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-28	7/1/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-28	7/1/2008	Indeno (1,2,3-CD) Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-28	7/1/2008	Isodrin	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-28	7/1/2008	Isophorone	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-28	7/1/2008	Isosafrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-28	7/1/2008	Lead	8.25	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-28	7/1/2008	Mercury	0.025	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-28	7/1/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-28	7/1/2008	Methapyrilene	2000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-28	7/1/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-28	7/1/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-28	7/1/2008	Methyl Methanesulfonate	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-28	7/1/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-28	7/1/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-28	7/1/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-28	7/1/2008	Naphthalene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-28	7/1/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-28	7/1/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-28	7/1/2008	N-Dioctyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-28	7/1/2008	Nitrobenzene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-28	7/1/2008	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-28	7/1/2008	N-Nitrosodiethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-28	7/1/2008	N-Nitrosodimethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-28	7/1/2008	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-28	7/1/2008	N-Nitrosodi-N-Propylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-28	7/1/2008	N-Nitrosodiphenylamine	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-28	7/1/2008	N-Nitrosomorpholine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-28	7/1/2008	N-Nitrosopiperidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-28	7/1/2008	N-Nitrosopyrrolidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-28	7/1/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-28	7/1/2008	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-28	7/1/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-28	7/1/2008	O-Toluidine	240	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-28	7/1/2008	para-Phenylenediamine	14000	UG/KG	U	R		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-28	7/1/2008	Pentachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-28	7/1/2008	Pentachloronitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-28	7/1/2008	Pentachlorophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-28	7/1/2008	Phenacetin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-28	7/1/2008	Phenanthrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-28	7/1/2008	Phenol	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-28	7/1/2008	Pronamide	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-28	7/1/2008	Pyrene	39	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-28	7/1/2008	Pyridine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-28	7/1/2008	Safrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-28	7/1/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-28	7/1/2008	Selenium	1.15	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-28	7/1/2008	Silver	0.318	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-28	7/1/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-28	7/1/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-28	7/1/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-28	7/1/2008	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-28	7/1/2008	Thionazin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-28	7/1/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-28	7/1/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-28	7/1/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-28	7/1/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-28	7/1/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-3	7/2/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-3	7/2/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-3	7/2/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-3	7/2/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-3	7/2/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-3	7/2/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-3	7/2/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-3	7/2/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-3	7/2/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-3	7/2/2008	1,2,4,5-Tetrachlorobenzene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-3	7/2/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-3	7/2/2008	1,2,4-Trichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-3	7/2/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-3	7/2/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-3	7/2/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-3	7/2/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-3	7/2/2008	1,2-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-3	7/2/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-3	7/2/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-3	7/2/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-3	7/2/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-3	7/2/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-3	7/2/2008	1,3-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-3	7/2/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-3	7/2/2008	1,3-Dinitrobenzene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-3	7/2/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-3	7/2/2008	1,4-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-3	7/2/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-3	7/2/2008	1,4-Naphthoquinone	1000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-3	7/2/2008	1-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-3	7/2/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-3	7/2/2008	2,3,4,6-Tetrachlorophenol	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-3	7/2/2008	2,4,5-Trichlorophenol	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-3	7/2/2008	2,4,6-Trichlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-3	7/2/2008	2,4-Dichlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-3	7/2/2008	2,4-Dimethylphenol	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-3	7/2/2008	2,4-Dinitrophenol	800	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-3	7/2/2008	2,4-Dinitrotoluene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-3	7/2/2008	2,6-Dichlorophenol	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-3	7/2/2008	2,6-Dinitrotoluene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-3	7/2/2008	2-Acetylaminofluorene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-3	7/2/2008	2-Chloronaphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-3	7/2/2008	2-Chlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-3	7/2/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-3	7/2/2008	2-Methylnaphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-3	7/2/2008	2-Methylphenol (O-Cresol)	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-3	7/2/2008	2-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-3	7/2/2008	2-Nitroaniline	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-3	7/2/2008	2-Nitrophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-3	7/2/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-3	7/2/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-3	7/2/2008	3,3'-Dimethylbenzidine	400	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-3	7/2/2008	3-Methylcholanthrene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-3	7/2/2008	3-Nitroaniline	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-3	7/2/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-3	7/2/2008	4-Aminobiphenyl	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-3	7/2/2008	4-Bromophenyl Phenyl Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-3	7/2/2008	4-Chloro-3-Methylphenol	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-3	7/2/2008	4-Chloroaniline	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-3	7/2/2008	4-Chlorophenyl Phenyl Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-3	7/2/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-3	7/2/2008	4-Dimethylaminoazobenzene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-3	7/2/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-3	7/2/2008	4-Methylphenol (P-Cresol)	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-3	7/2/2008	4-Nitroaniline	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-3	7/2/2008	4-Nitrophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-3	7/2/2008	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-3	7/2/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-3	7/2/2008	7,12-Dimethylbenz[A]Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-3	7/2/2008	Acenaphthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-3	7/2/2008	Acenaphthylene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-3	7/2/2008	Acetophenone	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-3	7/2/2008	Aniline	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-3	7/2/2008	Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-3	7/2/2008	Arsenic	7.18	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-3	7/2/2008	Chromium	44.5	MG/KG			Y	Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-3	7/2/2008	Barium	38	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-3	7/2/2008	Benzene	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-3	7/2/2008	Benzo(A)Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-3	7/2/2008	Benzo(B)Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-3	7/2/2008	Benzo(G,H,I)Perylene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-3	7/2/2008	Benzo(K)Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-3	7/2/2008	Benzo[A]Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-3	7/2/2008	Benzyl Alcohol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-3	7/2/2008	Bis(2-Chloroethoxy)Methane	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-3	7/2/2008	Bis(2-Chloroethyl)Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-3	7/2/2008	Bis(2-Chloroisopropyl)Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-3	7/2/2008	Bis(2-Ethylhexyl)Phthalate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-3	7/2/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-3	7/2/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-3	7/2/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-3	7/2/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-3	7/2/2008	Butyl Benzyl Phthalate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-3	7/2/2008	Cadmium	0.166	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-3	7/2/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-3	7/2/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-3	7/2/2008	Chlorobenzilate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-3	7/2/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-3	7/2/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-3	7/2/2008	Chrysene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-3	7/2/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-3	7/2/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-3	7/2/2008	Diallate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-3	7/2/2008	Dibenz(A,H)Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-3	7/2/2008	Dibenzofuran	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-3	7/2/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-3	7/2/2008	Diethyl Phthalate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-3	7/2/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-3	7/2/2008	Dimethoate	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-3	7/2/2008	Dimethyl Phthalate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-3	7/2/2008	Di-N-Butyl Phthalate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-3	7/2/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-3	7/2/2008	Ethyl Methanesulfonate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-3	7/2/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-3	7/2/2008	Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-3	7/2/2008	Fluorene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-3	7/2/2008	Hexachlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-3	7/2/2008	Hexachlorobutadiene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-3	7/2/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-3	7/2/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-3	7/2/2008	Hexachloroethane	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-3	7/2/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-3	7/2/2008	Indeno (1,2,3-CD) Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-3	7/2/2008	Isodrin	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-3	7/2/2008	Isophorone	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-3	7/2/2008	Isosafrole	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-3	7/2/2008	Lead	11.5	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-3	7/2/2008	Mercury	0.0403	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-3	7/2/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-3	7/2/2008	Methapyrilene	2000	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-3	7/2/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-3	7/2/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-3	7/2/2008	Methyl Methanesulfonate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-3	7/2/2008	Methyl Tertiary Butyl Ether	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-3	7/2/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-3	7/2/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-3	7/2/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-3	7/2/2008	Naphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-3	7/2/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-3	7/2/2008	N-Dioctyl Phthalate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-3	7/2/2008	Nitrobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-3	7/2/2008	N-Nitroso(Methyl)Ethylamine	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-3	7/2/2008	N-Nitrosodiethylamine	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-3	7/2/2008	N-Nitrosodimethylamine	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-3	7/2/2008	N-Nitroso-Di-N-Butylamine	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-3	7/2/2008	N-Nitrosodi-N-Propylamine	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-3	7/2/2008	N-Nitrosodiphenylamine	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-3	7/2/2008	N-Nitrosomorpholine	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-3	7/2/2008	N-Nitrosopiperidine	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-3	7/2/2008	N-Nitrosopyrrolidine	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-3	7/2/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-3	7/2/2008	O,O,O-Triethylphosphorothioate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-3	7/2/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-3	7/2/2008	O-Toluidine	240	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-3	7/2/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-3	7/2/2008	Pentachlorobenzene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-3	7/2/2008	Pentachloronitrobenzene	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-3	7/2/2008	Pentachlorophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-3	7/2/2008	Phenacetin	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-3	7/2/2008	Phenanthrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-3	7/2/2008	Phenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-3	7/2/2008	Pronamide	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-3	7/2/2008	Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-3	7/2/2008	Pyridine	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-3	7/2/2008	Safrole	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-3	7/2/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-3	7/2/2008	Selenium	1.16	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-3	7/2/2008	Silver	0.202	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-3	7/2/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-3	7/2/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-3	7/2/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-3	7/2/2008	Tetraethyl Dithiopyrophosphate	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-3	7/2/2008	Thionazin	80	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-3	7/2/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-3	7/2/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-3	7/2/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-3	7/2/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-3	7/2/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-4	7/3/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-4	7/3/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-4	7/3/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-4	7/3/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-4	7/3/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-4	7/3/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-4	7/3/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-4	7/3/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-4	7/3/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-4	7/3/2008	1,2,4,5-Tetrachlorobenzene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-4	7/3/2008	1,2,4-Trichlorobenzene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-4	7/3/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-4	7/3/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-4	7/3/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-4	7/3/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-4	7/3/2008	1,2-Dichlorobenzene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-4	7/3/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-4	7/3/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-4	7/3/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-4	7/3/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-4	7/3/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-4	7/3/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-4	7/3/2008	1,3-Dichlorobenzene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-4	7/3/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-4	7/3/2008	1,3-Dinitrobenzene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-4	7/3/2008	1,4-Dichlorobenzene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-4	7/3/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-4	7/3/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-4	7/3/2008	1,4-Naphthoquinone	1000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-4	7/3/2008	1-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-4	7/3/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-4	7/3/2008	2,3,4,6-Tetrachlorophenol	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-4	7/3/2008	2,4,5-Trichlorophenol	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-4	7/3/2008	2,4,6-Trichlorophenol	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-4	7/3/2008	2,4-Dichlorophenol	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-4	7/3/2008	2,4-Dimethylphenol	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-4	7/3/2008	2,4-Dinitrophenol	810	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-4	7/3/2008	2,4-Dinitrotoluene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-4	7/3/2008	2,6-Dichlorophenol	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-4	7/3/2008	2,6-Dinitrotoluene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-4	7/3/2008	2-Acetylaminofluorene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-4	7/3/2008	2-Chloronaphthalene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-4	7/3/2008	2-Chlorophenol	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-4	7/3/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-4	7/3/2008	2-Methylnaphthalene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-4	7/3/2008	2-Methylphenol (O-Cresol)	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-4	7/3/2008	2-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-4	7/3/2008	2-Nitroaniline	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-4	7/3/2008	2-Nitrophenol	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-4	7/3/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-4	7/3/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-4	7/3/2008	3,3'-Dimethylbenzidine	410	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-4	7/3/2008	3-Methylcholanthrene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-4	7/3/2008	3-Nitroaniline	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-4	7/3/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-4	7/3/2008	4-Aminobiphenyl	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-4	7/3/2008	4-Bromophenyl Phenyl Ether	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-4	7/3/2008	4-Chloro-3-Methylphenol	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-4	7/3/2008	4-Chloroaniline	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-4	7/3/2008	4-Chlorophenyl Phenyl Ether	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-4	7/3/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-4	7/3/2008	4-Dimethylaminoazobenzene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-4	7/3/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-4	7/3/2008	4-Methylphenol (P-Cresol)	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-4	7/3/2008	4-Nitroaniline	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-4	7/3/2008	4-Nitrophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-4	7/3/2008	4-Nitroquinoline-N-Oxide	410	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-4	7/3/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-4	7/3/2008	7,12-Dimethylbenz[A]Anthracene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-4	7/3/2008	Acenaphthene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-4	7/3/2008	Acenaphthylene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-4	7/3/2008	Acetophenone	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-4	7/3/2008	Aniline	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-4	7/3/2008	Anthracene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-4	7/3/2008	Barium	47.4	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-4	7/3/2008	Benzene	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-4	7/3/2008	Arsenic	3.32	MG/KG			Y	Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-4	7/3/2008	Chromium	57.9	MG/KG			Y	Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-4	7/3/2008	Benzo(A)Anthracene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-4	7/3/2008	Benzo(B)Fluoranthene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-4	7/3/2008	Benzo(G,H,I)Perylene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-4	7/3/2008	Benzo(K)Fluoranthene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-4	7/3/2008	Benzo[A]Pyrene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-4	7/3/2008	Benzyl Alcohol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-4	7/3/2008	Bis(2-Chloroethoxy)Methane	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-4	7/3/2008	Bis(2-Chloroethyl)Ether	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-4	7/3/2008	Bis(2-Chloroisopropyl)Ether	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-4	7/3/2008	Bis(2-Ethylhexyl)Phthalate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-4	7/3/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-4	7/3/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-4	7/3/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-4	7/3/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-4	7/3/2008	Butyl Benzyl Phthalate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-4	7/3/2008	Cadmium	0.165	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-4	7/3/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-4	7/3/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-4	7/3/2008	Chlorobenzilate	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-4	7/3/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-4	7/3/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-4	7/3/2008	Chrysene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-4	7/3/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-4	7/3/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-4	7/3/2008	Diallate	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-4	7/3/2008	Dibenz(A,H)Anthracene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-4	7/3/2008	Dibenzofuran	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-4	7/3/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-4	7/3/2008	Diethyl Phthalate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-4	7/3/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-4	7/3/2008	Dimethoate	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-4	7/3/2008	Dimethyl Phthalate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-4	7/3/2008	Di-N-Butyl Phthalate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-4	7/3/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-4	7/3/2008	Ethyl Methanesulfonate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-4	7/3/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-4	7/3/2008	Fluoranthene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-4	7/3/2008	Fluorene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-4	7/3/2008	Hexachlorobenzene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-4	7/3/2008	Hexachlorobutadiene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-4	7/3/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-4	7/3/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-4	7/3/2008	Hexachloroethane	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-4	7/3/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-4	7/3/2008	Indeno (1,2,3-CD) Pyrene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-4	7/3/2008	Isodrin	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-4	7/3/2008	Isophorone	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-4	7/3/2008	Isosafrole	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-4	7/3/2008	Lead	17.8	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-4	7/3/2008	Mercury	0.079	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-4	7/3/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-4	7/3/2008	Methapyrilene	2000	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-4	7/3/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-4	7/3/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-4	7/3/2008	Methyl Methanesulfonate	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-4	7/3/2008	Methyl Tertiary Butyl Ether	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-4	7/3/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-4	7/3/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-4	7/3/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-4	7/3/2008	Naphthalene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-4	7/3/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-4	7/3/2008	N-Dioctyl Phthalate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-4	7/3/2008	Nitrobenzene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-4	7/3/2008	N-Nitroso(Methyl)Ethylamine	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-4	7/3/2008	N-Nitrosodiethylamine	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-4	7/3/2008	N-Nitrosodimethylamine	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-4	7/3/2008	N-Nitroso-Di-N-Butylamine	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-4	7/3/2008	N-Nitrosodi-N-Propylamine	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-4	7/3/2008	N-Nitrosodiphenylamine	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-4	7/3/2008	N-Nitrosomorpholine	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-4	7/3/2008	N-Nitrosopiperidine	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-4	7/3/2008	N-Nitrosopyrrolidine	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-4	7/3/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-4	7/3/2008	O,O,O-Triethylphosphorothioate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-4	7/3/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-4	7/3/2008	O-Toluidine	240	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-4	7/3/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-4	7/3/2008	Pentachlorobenzene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-4	7/3/2008	Pentachloronitrobenzene	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-4	7/3/2008	Pentachlorophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-4	7/3/2008	Phenacetin	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-4	7/3/2008	Phenanthrene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-4	7/3/2008	Phenol	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-4	7/3/2008	Pronamide	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-4	7/3/2008	Pyrene	41	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-4	7/3/2008	Pyridine	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-4	7/3/2008	Safrole	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-4	7/3/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-4	7/3/2008	Selenium	1.16	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-4	7/3/2008	Silver	0.201	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-4	7/3/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-4	7/3/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-4	7/3/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-4	7/3/2008	Tetraethyl Dithiopyrophosphate	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-4	7/3/2008	Thionazin	81	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-4	7/3/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-4	7/3/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-4	7/3/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-4	7/3/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-4	7/3/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-6	7/3/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-6	7/3/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-6	7/3/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-6	7/3/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-6	7/3/2008	1,1-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-6	7/3/2008	1,1-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-6	7/3/2008	1,1-Dichloropropene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-6	7/3/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-6	7/3/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-6	7/3/2008	1,2,4,5-Tetrachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-6	7/3/2008	1,2,4-Trichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-6	7/3/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-6	7/3/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-6	7/3/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-6	7/3/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-6	7/3/2008	1,2-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-6	7/3/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-6	7/3/2008	1,2-Dichloroethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-6	7/3/2008	1,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-6	7/3/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-6	7/3/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-6	7/3/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-6	7/3/2008	1,3-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-6	7/3/2008	1,3-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-6	7/3/2008	1,3-Dinitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-6	7/3/2008	1,4-Dichlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-6	7/3/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-6	7/3/2008	1,4-Dioxane	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-6	7/3/2008	1,4-Naphthoquinone	990	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-6	7/3/2008	1-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-6	7/3/2008	2,2-Dichloropropane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-6	7/3/2008	2,3,4,6-Tetrachlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-6	7/3/2008	2,4,5-Trichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-6	7/3/2008	2,4,6-Trichlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-6	7/3/2008	2,4-Dichlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-6	7/3/2008	2,4-Dimethylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-6	7/3/2008	2,4-Dinitrophenol	790	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-6	7/3/2008	2,4-Dinitrotoluene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-6	7/3/2008	2,6-Dichlorophenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-6	7/3/2008	2,6-Dinitrotoluene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-6	7/3/2008	2-Acetylaminofluorene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-6	7/3/2008	2-Chloronaphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-6	7/3/2008	2-Chlorophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-6	7/3/2008	2-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-6	7/3/2008	2-Methylnaphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-6	7/3/2008	2-Methylphenol (O-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-6	7/3/2008	2-Naphthylamine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-6	7/3/2008	2-Nitroaniline	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-6	7/3/2008	2-Nitrophenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-6	7/3/2008	2-Picoline	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-6	7/3/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-6	7/3/2008	3,3'-Dimethylbenzidine	400	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-6	7/3/2008	3-Methylcholanthrene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-6	7/3/2008	3-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-6	7/3/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-6	7/3/2008	4-Aminobiphenyl	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-6	7/3/2008	4-Bromophenyl Phenyl Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-6	7/3/2008	4-Chloro-3-Methylphenol	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-6	7/3/2008	4-Chloroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-6	7/3/2008	4-Chlorophenyl Phenyl Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-6	7/3/2008	4-Chlorotoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-6	7/3/2008	4-Dimethylaminoazobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-6	7/3/2008	4-Isopropyltoluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-6	7/3/2008	4-Methylphenol (P-Cresol)	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-6	7/3/2008	4-Nitroaniline	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-6	7/3/2008	4-Nitrophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-6	7/3/2008	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-6	7/3/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-6	7/3/2008	7,12-Dimethylbenz[A]Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-6	7/3/2008	Acenaphthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-6	7/3/2008	Acenaphthylene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-6	7/3/2008	Acetophenone	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-6	7/3/2008	Aniline	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-6	7/3/2008	Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-6	7/3/2008	Arsenic	1.46	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-6	7/3/2008	Barium	37.4	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-6	7/3/2008	Benzene	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-6	7/3/2008	Benzo(A)Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-6	7/3/2008	Benzo(B)Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-6	7/3/2008	Benzo(G,H,I)Perylene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-6	7/3/2008	Benzo(K)Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-6	7/3/2008	Benzo[A]Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-6	7/3/2008	Benzyl Alcohol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-6	7/3/2008	Bis(2-Chloroethoxy)Methane	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-6	7/3/2008	Bis(2-Chloroethyl)Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-6	7/3/2008	Bis(2-Chloroisopropyl)Ether	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-6	7/3/2008	Bis(2-Ethylhexyl)Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-6	7/3/2008	Bromobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-6	7/3/2008	Bromochloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-6	7/3/2008	Bromodichloromethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-6	7/3/2008	Bromoform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-6	7/3/2008	Butyl Benzyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-6	7/3/2008	Cadmium	0.165	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-6	7/3/2008	Carbon Tetrachloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-6	7/3/2008	Chlorobenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-6	7/3/2008	Chlorobenzilate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-6	7/3/2008	Chlorodibromomethane	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-6	7/3/2008	Chloroform	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-6	7/3/2008	Chromium	18.7	MG/KG				Y	1-3 Feet	FS	Soil	Site Background	42.7
RW-6	7/3/2008	Chrysene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-6	7/3/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-6	7/3/2008	Cumene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-6	7/3/2008	Diallate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-6	7/3/2008	Dibenz(A,H)Anthracene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-6	7/3/2008	Dibenzofuran	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-6	7/3/2008	Dichlorodifluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-6	7/3/2008	Diethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-6	7/3/2008	Diisopropyl Ether	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-6	7/3/2008	Dimethoate	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-6	7/3/2008	Dimethyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-6	7/3/2008	Di-N-Butyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-6	7/3/2008	Ethyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-6	7/3/2008	Ethyl Methanesulfonate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-6	7/3/2008	Ethylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-6	7/3/2008	Fluoranthene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-6	7/3/2008	Fluorene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-6	7/3/2008	Hexachlorobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-6	7/3/2008	Hexachlorobutadiene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-6	7/3/2008	Hexachlorobutadiene	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-6	7/3/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-6	7/3/2008	Hexachloroethane	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-6	7/3/2008	Hexachloropropylene	120	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-6	7/3/2008	Indeno (1,2,3-CD) Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-6	7/3/2008	Isodrin	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-6	7/3/2008	Isophorone	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-6	7/3/2008	Isosafrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-6	7/3/2008	Lead	8.62	MG/KG				Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-6	7/3/2008	Mercury	0.0648	MG/KG		J		Y	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-6	7/3/2008	Meta- And Para-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-6	7/3/2008	Methapyrilene	2000	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-6	7/3/2008	Methyl Bromide	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-6	7/3/2008	Methyl Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-6	7/3/2008	Methyl Methanesulfonate	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-6	7/3/2008	Methyl Tertiary Butyl Ether	0.6	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-6	7/3/2008	Methylene Bromide	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-6	7/3/2008	Methylene Chloride	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-6	7/3/2008	Naphthalene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-6	7/3/2008	Naphthalene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-6	7/3/2008	N-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-6	7/3/2008	N-Dioctyl Phthalate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-6	7/3/2008	Nitrobenzene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-6	7/3/2008	N-Nitroso(Methyl)Ethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-6	7/3/2008	N-Nitrosodiethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-6	7/3/2008	N-Nitrosodimethylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-6	7/3/2008	N-Nitroso-Di-N-Butylamine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-6	7/3/2008	N-Nitrosodi-N-Propylamine	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-6	7/3/2008	N-Nitrosodiphenylamine	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-6	7/3/2008	N-Nitrosomorpholine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-6	7/3/2008	N-Nitrosopiperidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-6	7/3/2008	N-Nitrosopyrrolidine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-6	7/3/2008	N-Propylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-6	7/3/2008	O,O,O-Triethylphosphorothioate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-6	7/3/2008	Ortho-Xylene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-6	7/3/2008	O-Toluidine	240	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-6	7/3/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-6	7/3/2008	Pentachlorobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-6	7/3/2008	Pentachloronitrobenzene	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-6	7/3/2008	Pentachlorophenol	200	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-6	7/3/2008	Phenacetin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-6	7/3/2008	Phenanthrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-6	7/3/2008	Phenol	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-6	7/3/2008	Pronamide	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-6	7/3/2008	Pyrene	40	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-6	7/3/2008	Pyridine	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-6	7/3/2008	Safrole	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-6	7/3/2008	sec-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-6	7/3/2008	Selenium	1.15	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-6	7/3/2008	Silver	0.2	MG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-6	7/3/2008	Styrene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-6	7/3/2008	tert-Butylbenzene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-6	7/3/2008	Tetrachloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-6	7/3/2008	Tetraethyl Dithiopyrophosphate	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-6	7/3/2008	Thionazin	79	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-6	7/3/2008	Toluene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-6	7/3/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-6	7/3/2008	Trichloroethene	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-6	7/3/2008	Trichlorofluoromethane	2	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-6	7/3/2008	Vinyl Chloride	1	UG/KG	U			N	1-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-8	6/30/2008	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-8	6/30/2008	1,1,1-Trichloroethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-8	6/30/2008	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-8	6/30/2008	1,1,2-Trichloroethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-8	6/30/2008	1,1-Dichloroethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-8	6/30/2008	1,1-Dichloroethene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-8	6/30/2008	1,1-Dichloropropene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
RW-8	6/30/2008	1,2,3-Trichlorobenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-8	6/30/2008	1,2,3-Trichloropropane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-8	6/30/2008	1,2,4,5-Tetrachlorobenzene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-8	6/30/2008	1,2,4-Trichlorobenzene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-8	6/30/2008	1,2,4-Trichlorobenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-8	6/30/2008	1,2,4-Trimethylbenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-8	6/30/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-8	6/30/2008	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-8	6/30/2008	1,2-Dichlorobenzene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-8	6/30/2008	1,2-Dichlorobenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-8	6/30/2008	1,2-Dichloroethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-8	6/30/2008	1,2-Dichloropropane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-8	6/30/2008	1,3,5-Trimethylbenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-8	6/30/2008	1,3,5-Trinitrobenzene	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-8	6/30/2008	1,3-Dichlorobenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-8	6/30/2008	1,3-Dichlorobenzene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-8	6/30/2008	1,3-Dichloropropane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-8	6/30/2008	1,3-Dinitrobenzene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-8	6/30/2008	1,4-Dichlorobenzene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-8	6/30/2008	1,4-Dichlorobenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-8	6/30/2008	1,4-Dioxane	120	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-8	6/30/2008	1,4-Naphthoquinone	1000	UG/KG	U	UJ		N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-8	6/30/2008	1-Naphthylamine	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-8	6/30/2008	2,2-Dichloropropane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-8	6/30/2008	2,3,4,6-Tetrachlorophenol	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-8	6/30/2008	2,4,5-Trichlorophenol	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-8	6/30/2008	2,4,6-Trichlorophenol	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-8	6/30/2008	2,4-Dichlorophenol	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-8	6/30/2008	2,4-Dimethylphenol	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-8	6/30/2008	2,4-Dinitrophenol	800	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-8	6/30/2008	2,4-Dinitrotoluene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-8	6/30/2008	2,6-Dichlorophenol	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-8	6/30/2008	2,6-Dinitrotoluene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-8	6/30/2008	2-Acetylaminofluorene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-8	6/30/2008	2-Chloronaphthalene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-8	6/30/2008	2-Chlorophenol	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-8	6/30/2008	2-Chlorotoluene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-8	6/30/2008	2-Methylnaphthalene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-8	6/30/2008	2-Methylphenol (O-Cresol)	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-8	6/30/2008	2-Naphthylamine	200	UG/KG	U	R		N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-8	6/30/2008	2-Nitroaniline	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-8	6/30/2008	2-Nitrophenol	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-8	6/30/2008	2-Picoline	120	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-8	6/30/2008	3,3'-Dichlorobenzidine	120	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-8	6/30/2008	3,3'-Dimethylbenzidine	400	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-8	6/30/2008	3-Methylcholanthrene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-8	6/30/2008	3-Nitroaniline	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-8	6/30/2008	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-8	6/30/2008	4-Aminobiphenyl	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-8	6/30/2008	4-Bromophenyl Phenyl Ether	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-8	6/30/2008	4-Chloro-3-Methylphenol	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-8	6/30/2008	4-Chloroaniline	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-8	6/30/2008	4-Chlorophenyl Phenyl Ether	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-8	6/30/2008	4-Chlorotoluene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-8	6/30/2008	4-Dimethylaminoazobenzene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-8	6/30/2008	4-Isopropyltoluene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000
RW-8	6/30/2008	4-Methylphenol (P-Cresol)	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-8	6/30/2008	4-Nitroaniline	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-8	6/30/2008	4-Nitrophenol	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-8	6/30/2008	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-8	6/30/2008	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-8	6/30/2008	7,12-Dimethylbenz[A]Anthracene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-8	6/30/2008	Acenaphthene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-8	6/30/2008	Acenaphthylene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-8	6/30/2008	Acetophenone	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-8	6/30/2008	Aniline	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-8	6/30/2008	Anthracene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-8	6/30/2008	Arsenic	2.01	MG/KG		J		Y	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-8	6/30/2008	Barium	51.6	MG/KG				Y	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-8	6/30/2008	Benzene	0.5	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-8	6/30/2008	Benzo(A)Anthracene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-8	6/30/2008	Benzo(B)Fluoranthene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-8	6/30/2008	Benzo(G,H,I)Perylene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-8	6/30/2008	Benzo(K)Fluoranthene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-8	6/30/2008	Benzo[A]Pyrene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-8	6/30/2008	Benzyl Alcohol	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-8	6/30/2008	Bis(2-Chloroethoxy)Methane	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-8	6/30/2008	Bis(2-Chloroethyl)Ether	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-8	6/30/2008	Bis(2-Chloroisopropyl)Ether	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-8	6/30/2008	Bis(2-Ethylhexyl)Phthalate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-8	6/30/2008	Bromobenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-8	6/30/2008	Bromochloromethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-8	6/30/2008	Bromodichloromethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-8	6/30/2008	Bromoform	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-8	6/30/2008	Butyl Benzyl Phthalate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-8	6/30/2008	Cadmium	0.162	MG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-8	6/30/2008	Carbon Tetrachloride	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-8	6/30/2008	Chlorobenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-8	6/30/2008	Chlorobenzilate	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-8	6/30/2008	Chlorodibromomethane	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-8	6/30/2008	Chloroform	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-8	6/30/2008	Chromium	28.6	MG/KG				Y	5-7 Feet	FS	Soil	Site Background	42.7
RW-8	6/30/2008	Chrysene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-8	6/30/2008	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-8	6/30/2008	Cumene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-8	6/30/2008	Diallate	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-8	6/30/2008	Dibenz(A,H)Anthracene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-8	6/30/2008	Dibenzofuran	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-8	6/30/2008	Dichlorodifluoromethane	2	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-8	6/30/2008	Diethyl Phthalate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-8	6/30/2008	Diisopropyl Ether	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-8	6/30/2008	Dimethoate	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-8	6/30/2008	Dimethyl Phthalate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-8	6/30/2008	Di-N-Butyl Phthalate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-8	6/30/2008	Ethyl Chloride	2	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-8	6/30/2008	Ethyl Methanesulfonate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-8	6/30/2008	Ethylbenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-8	6/30/2008	Fluoranthene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-8	6/30/2008	Fluorene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-8	6/30/2008	Hexachlorobenzene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-8	6/30/2008	Hexachlorobutadiene	2	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-8	6/30/2008	Hexachlorobutadiene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-8	6/30/2008	Hexachlorocyclopentadiene	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-8	6/30/2008	Hexachloroethane	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-8	6/30/2008	Hexachloropropylene	120	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-8	6/30/2008	Indeno (1,2,3-CD) Pyrene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-8	6/30/2008	Isodrin	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-8	6/30/2008	Isophorone	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-8	6/30/2008	Isosafrole	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-8	6/30/2008	Lead	48.4	MG/KG				Y	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-8	6/30/2008	Mercury	0.0242	MG/KG		J		Y	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-8	6/30/2008	Meta- And Para-Xylene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-8	6/30/2008	Methapyrilene	2000	UG/KG	U	UJ		N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-8	6/30/2008	Methyl Bromide	2	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-8	6/30/2008	Methyl Chloride	2	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-8	6/30/2008	Methyl Methanesulfonate	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-8	6/30/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-8	6/30/2008	Methylene Bromide	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-8	6/30/2008	Methylene Chloride	2	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-8	6/30/2008	Naphthalene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-8	6/30/2008	Naphthalene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-8	6/30/2008	N-Butylbenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-8	6/30/2008	N-Dioctyl Phthalate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-8	6/30/2008	Nitrobenzene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-8	6/30/2008	N-Nitroso(Methyl)Ethylamine	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-8	6/30/2008	N-Nitrosodiethylamine	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-8	6/30/2008	N-Nitrosodimethylamine	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-8	6/30/2008	N-Nitroso-Di-N-Butylamine	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-8	6/30/2008	N-Nitrosodi-N-Propylamine	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-8	6/30/2008	N-Nitrosodiphenylamine	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-8	6/30/2008	N-Nitrosomorpholine	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-8	6/30/2008	N-Nitrosopiperidine	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-8	6/30/2008	N-Nitrosopyrrolidine	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-8	6/30/2008	N-Propylbenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-8	6/30/2008	O,O,O-Triethylphosphorothioate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-8	6/30/2008	Ortho-Xylene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-8	6/30/2008	O-Toluidine	240	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-8	6/30/2008	para-Phenylenediamine	14000	UG/KG	U	UJ		N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-8	6/30/2008	Pentachlorobenzene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-8	6/30/2008	Pentachloronitrobenzene	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-8	6/30/2008	Pentachlorophenol	200	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-8	6/30/2008	Phenacetin	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-8	6/30/2008	Phenanthrene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-8	6/30/2008	Phenol	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-8	6/30/2008	Pronamide	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-8	6/30/2008	Pyrene	40	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-8	6/30/2008	Pyridine	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-8	6/30/2008	Safrole	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-8	6/30/2008	sec-Butylbenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-8	6/30/2008	Selenium	1.14	MG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-8	6/30/2008	Silver	0.197	MG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-8	6/30/2008	Styrene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-8	6/30/2008	tert-Butylbenzene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-8	6/30/2008	Tetrachloroethene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-8	6/30/2008	Tetraethyl Dithiopyrophosphate	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-8	6/30/2008	Thionazin	80	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-8	6/30/2008	Toluene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-8	6/30/2008	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-8	6/30/2008	Trichloroethene	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-8	6/30/2008	Trichlorofluoromethane	2	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-8	6/30/2008	Vinyl Chloride	0.9	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
RW-9	6/30/2008	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
RW-9	6/30/2008	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
RW-9	6/30/2008	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
RW-9	6/30/2008	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-9	6/30/2008	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-9	6/30/2008	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
RW-9	6/30/2008	1,1-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-9	6/30/2008	1,2,3-Trichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-9	6/30/2008	1,2,3-Trichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
RW-9	6/30/2008	1,2,4,5-Tetrachlorobenzene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-9	6/30/2008	1,2,4-Trichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-9	6/30/2008	1,2,4-Trichlorobenzene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
RW-9	6/30/2008	1,2,4-Trimethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
RW-9	6/30/2008	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
RW-9	6/30/2008	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
RW-9	6/30/2008	1,2-Dichlorobenzene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-9	6/30/2008	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
RW-9	6/30/2008	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-9	6/30/2008	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-9	6/30/2008	1,3,5-Trimethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-9	6/30/2008	1,3,5-Trinitrobenzene	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
RW-9	6/30/2008	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-9	6/30/2008	1,3-Dichlorobenzene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-9	6/30/2008	1,3-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.50E+06
RW-9	6/30/2008	1,3-Dinitrobenzene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-9	6/30/2008	1,4-Dichlorobenzene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-9	6/30/2008	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
RW-9	6/30/2008	1,4-Dioxane	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-9	6/30/2008	1,4-Naphthoquinone	900	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
RW-9	6/30/2008	1-Naphthylamine	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-9	6/30/2008	2,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
RW-9	6/30/2008	2,3,4,6-Tetrachlorophenol	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
RW-9	6/30/2008	2,4,5-Trichlorophenol	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-9	6/30/2008	2,4,6-Trichlorophenol	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-9	6/30/2008	2,4-Dichlorophenol	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-9	6/30/2008	2,4-Dimethylphenol	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
RW-9	6/30/2008	2,4-Dinitrophenol	720	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
RW-9	6/30/2008	2,4-Dinitrotoluene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
RW-9	6/30/2008	2,6-Dichlorophenol	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
RW-9	6/30/2008	2,6-Dinitrotoluene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
RW-9	6/30/2008	2-Acetylaminofluorene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
RW-9	6/30/2008	2-Chloronaphthalene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
RW-9	6/30/2008	2-Chlorophenol	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-9	6/30/2008	2-Chlorotoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.10E+05
RW-9	6/30/2008	2-Methylnaphthalene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
RW-9	6/30/2008	2-Methylphenol (O-Cresol)	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-9	6/30/2008	2-Naphthylamine	180	UG/KG	U	R		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
RW-9	6/30/2008	2-Nitroaniline	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-9	6/30/2008	2-Nitrophenol	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
RW-9	6/30/2008	2-Picoline	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-9	6/30/2008	3,3'-Dichlorobenzidine	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
RW-9	6/30/2008	3,3'-Dimethylbenzidine	360	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
RW-9	6/30/2008	3-Methylcholanthrene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-9	6/30/2008	3-Nitroaniline	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-9	6/30/2008	4,6-Dinitro-2-Methylphenol	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
RW-9	6/30/2008	4-Aminobiphenyl	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
RW-9	6/30/2008	4-Bromophenyl Phenyl Ether	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
RW-9	6/30/2008	4-Chloro-3-Methylphenol	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-9	6/30/2008	4-Chloroaniline	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
RW-9	6/30/2008	4-Chlorophenyl Phenyl Ether	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-9	6/30/2008	4-Chlorotoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+05
RW-9	6/30/2008	4-Dimethylaminoazobenzene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
RW-9	6/30/2008	4-Isopropyltoluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-9	6/30/2008	4-Methylphenol (P-Cresol)	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-9	6/30/2008	4-Nitroaniline	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
RW-9	6/30/2008	4-Nitrophenol	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-9	6/30/2008	4-Nitroquinoline-N-Oxide	360	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
RW-9	6/30/2008	5-Nitro-Ortho-Toluidine	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
RW-9	6/30/2008	7,12-Dimethylbenz[A]Anthracene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
RW-9	6/30/2008	Acenaphthene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
RW-9	6/30/2008	Acenaphthylene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
RW-9	6/30/2008	Acetophenone	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
RW-9	6/30/2008	Aniline	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
RW-9	6/30/2008	Anthracene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
RW-9	6/30/2008	Arsenic	1.21	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
RW-9	6/30/2008	Barium	28.9	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
RW-9	6/30/2008	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
RW-9	6/30/2008	Benzo(A)Anthracene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-9	6/30/2008	Benzo(B)Fluoranthene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-9	6/30/2008	Benzo(G,H,I)Perylene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
RW-9	6/30/2008	Benzo(K)Fluoranthene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
RW-9	6/30/2008	Benzo[A]Pyrene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-9	6/30/2008	Benzyl Alcohol	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-9	6/30/2008	Bis(2-Chloroethoxy)Methane	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-9	6/30/2008	Bis(2-Chloroethyl)Ether	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-9	6/30/2008	Bis(2-Chloroisopropyl)Ether	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
RW-9	6/30/2008	Bis(2-Ethylhexyl)Phthalate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
RW-9	6/30/2008	Bromobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
RW-9	6/30/2008	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
RW-9	6/30/2008	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
RW-9	6/30/2008	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-9	6/30/2008	Butyl Benzyl Phthalate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
RW-9	6/30/2008	Cadmium	0.151	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
RW-9	6/30/2008	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
RW-9	6/30/2008	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
RW-9	6/30/2008	Chlorobenzilate	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
RW-9	6/30/2008	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
RW-9	6/30/2008	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
RW-9	6/30/2008	Chromium	11	MG/KG				Y	3-5 Feet	FS	Soil	Site Background	42.7
RW-9	6/30/2008	Chrysene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
RW-9	6/30/2008	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
RW-9	6/30/2008	Cumene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.70E+05
RW-9	6/30/2008	Diallate	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
RW-9	6/30/2008	Dibenz(A,H)Anthracene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
RW-9	6/30/2008	Dibenzofuran	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
RW-9	6/30/2008	Dichlorodifluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
RW-9	6/30/2008	Diethyl Phthalate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
RW-9	6/30/2008	Diisopropyl Ether	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+06
RW-9	6/30/2008	Dimethoate	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-9	6/30/2008	Dimethyl Phthalate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
RW-9	6/30/2008	Di-N-Butyl Phthalate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
RW-9	6/30/2008	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
RW-9	6/30/2008	Ethyl Methanesulfonate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-9	6/30/2008	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
RW-9	6/30/2008	Fluoranthene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-9	6/30/2008	Fluorene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
RW-9	6/30/2008	Hexachlorobenzene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
RW-9	6/30/2008	Hexachlorobutadiene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-9	6/30/2008	Hexachlorobutadiene	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-9	6/30/2008	Hexachlorocyclopentadiene	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
RW-9	6/30/2008	Hexachloroethane	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
RW-9	6/30/2008	Hexachloropropylene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
RW-9	6/30/2008	Indeno (1,2,3-CD) Pyrene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
RW-9	6/30/2008	Isodrin	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
RW-9	6/30/2008	Isophorone	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
RW-9	6/30/2008	Isosafrole	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-9	6/30/2008	Lead	7.63	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
RW-9	6/30/2008	Mercury	0.0256	MG/KG		J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
RW-9	6/30/2008	Meta- And Para-Xylene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
RW-9	6/30/2008	Methapyrilene	1800	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
RW-9	6/30/2008	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
RW-9	6/30/2008	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
RW-9	6/30/2008	Methyl Methanesulfonate	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
RW-9	6/30/2008	Methyl Tertiary Butyl Ether	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
RW-9	6/30/2008	Methylene Bromide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
RW-9	6/30/2008	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
RW-9	6/30/2008	Naphthalene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-9	6/30/2008	Naphthalene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
RW-9	6/30/2008	N-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+03
RW-9	6/30/2008	N-Dioctyl Phthalate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
RW-9	6/30/2008	Nitrobenzene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
RW-9	6/30/2008	N-Nitroso(Methyl)Ethylamine	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
RW-9	6/30/2008	N-Nitrosodiethylamine	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
RW-9	6/30/2008	N-Nitrosodimethylamine	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
RW-9	6/30/2008	N-Nitroso-Di-N-Butylamine	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
RW-9	6/30/2008	N-Nitrosodi-N-Propylamine	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
RW-9	6/30/2008	N-Nitrosodiphenylamine	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
RW-9	6/30/2008	N-Nitrosomorpholine	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
RW-9	6/30/2008	N-Nitrosopiperidine	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
RW-9	6/30/2008	N-Nitrosopyrrolidine	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
RW-9	6/30/2008	N-Propylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
RW-9	6/30/2008	O,O,O-Triethylphosphorothioate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
RW-9	6/30/2008	Ortho-Xylene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
RW-9	6/30/2008	O-Toluidine	220	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
RW-9	6/30/2008	para-Phenylenediamine	13000	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
RW-9	6/30/2008	Pentachlorobenzene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
RW-9	6/30/2008	Pentachloronitrobenzene	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
RW-9	6/30/2008	Pentachlorophenol	180	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
RW-9	6/30/2008	Phenacetin	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
RW-9	6/30/2008	Phenanthrene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
RW-9	6/30/2008	Phenol	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
RW-9	6/30/2008	Pronamide	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
RW-9	6/30/2008	Pyrene	36	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
RW-9	6/30/2008	Pyridine	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
RW-9	6/30/2008	Safrole	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
RW-9	6/30/2008	sec-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-9	6/30/2008	Selenium	1.06	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-9	6/30/2008	Silver	0.183	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
RW-9	6/30/2008	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
RW-9	6/30/2008	tert-Butylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+07
RW-9	6/30/2008	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
RW-9	6/30/2008	Tetraethyl Dithiopyrophosphate	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
RW-9	6/30/2008	Thionazin	72	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
RW-9	6/30/2008	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
RW-9	6/30/2008	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
RW-9	6/30/2008	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
RW-9	6/30/2008	Trichlorofluoromethane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
RW-9	6/30/2008	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB01	5/29/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB01	5/29/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB01	5/29/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB01	5/29/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB01	5/29/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB01	5/29/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB01	5/29/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB01	5/29/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB01	5/29/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB01	5/29/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB01	5/29/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB01	5/29/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB01	5/29/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB01	5/29/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB01	5/29/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB01	5/29/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB01	5/29/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB01	5/29/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB01	5/29/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB01	5/29/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB01	5/29/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB01	5/29/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB01	5/29/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB01	5/29/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB01	5/29/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB01	5/29/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB01	5/29/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB01	5/29/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB01	5/29/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB01	5/29/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB01	5/29/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB01	5/29/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB01	5/29/2007	Acetone	8	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB01	5/29/2007	Acetone	7	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB01	5/29/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.1	MG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB01	5/29/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.3	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB01	5/29/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB01	5/29/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB01	5/29/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB01	5/29/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB01	5/29/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB01	5/29/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB01	5/29/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB01	5/29/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB01	5/29/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB01	5/29/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB01	5/29/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB01	5/29/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB01	5/29/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB01	5/29/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB01	5/29/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB01	5/29/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB01	5/29/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB01	5/29/2007	C11 to C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB01	5/29/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB01	5/29/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB01	5/29/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB01	5/29/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB01	5/29/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB01	5/29/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB01	5/29/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB01	5/29/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB01	5/29/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB01	5/29/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB01	5/29/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB01	5/29/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB01	5/29/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB01	5/29/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB01	5/29/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB01	5/29/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB01	5/29/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB01	5/29/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB01	5/29/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB01	5/29/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB01	5/29/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB01	5/29/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB01	5/29/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB01	5/29/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB01	5/29/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB01	5/29/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB01	5/29/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB01	5/29/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB01	5/29/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB01	5/29/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB01	5/29/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB01	5/29/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB01	5/29/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB01	5/29/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB01	5/29/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB01	5/29/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB01	5/29/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB01	5/29/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB01	5/29/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB01	5/29/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB01	5/29/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB01	5/29/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB01	5/29/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB01	5/29/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB01	5/29/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB01	5/29/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB01	5/29/2007	Styrene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB01	5/29/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB01	5/29/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB01	5/29/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB01	5/29/2007	Toluene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB01	5/29/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB01	5/29/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB01	5/29/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB01	5/29/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB01	5/29/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB01	5/29/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB01	5/29/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB01	5/29/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB01	5/29/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB01	5/29/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB01	5/29/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB01	5/29/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB02	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB02	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB02	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB02	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB02	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB02	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB02	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB02	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB02	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB02	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB02	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB02	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB02	5/30/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB02	5/30/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB02	5/30/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB02	5/30/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB02	5/30/2007	Acetone	16	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB02	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.2	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB02	5/30/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB02	5/30/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB02	5/30/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB02	5/30/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB02	5/30/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB02	5/30/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB02	5/30/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB02	5/30/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB02	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB02	5/30/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB02	5/30/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB02	5/30/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB02	5/30/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB02	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB02	5/30/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB02	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB02	5/30/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB02	5/30/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB02	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB02	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB02	5/30/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB02	5/30/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB02	5/30/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB02	5/30/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB02	5/30/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB02	5/30/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB02	5/30/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB02	5/30/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB02	5/30/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB02	5/30/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB02	5/30/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB02	5/30/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB02	5/30/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB02	5/30/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB02	5/30/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB02	5/30/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB02	5/30/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB02	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB02	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB02	5/30/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB02	5/30/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB02	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB02	5/30/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB03	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB03	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB03	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB03	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB03	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB03	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB03	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB03	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB03	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB03	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB03	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB03	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB03	5/30/2007	2-Hexanone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB03	5/30/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB03	5/30/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB03	5/30/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB03	5/30/2007	Acetone	8	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB03	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.2	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB03	5/30/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB03	5/30/2007	Benzene	0.6	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB03	5/30/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB03	5/30/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB03	5/30/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB03	5/30/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB03	5/30/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB03	5/30/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB03	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB03	5/30/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB03	5/30/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB03	5/30/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB03	5/30/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB03	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB03	5/30/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB03	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB03	5/30/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB03	5/30/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB03	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB03	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB03	5/30/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB03	5/30/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB03	5/30/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB03	5/30/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB03	5/30/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB03	5/30/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB03	5/30/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB03	5/30/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB03	5/30/2007	Methyl Ethyl Ketone	5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB03	5/30/2007	Methyl Isobutyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB03	5/30/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB03	5/30/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB03	5/30/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB03	5/30/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB03	5/30/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB03	5/30/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB03	5/30/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB03	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB03	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB03	5/30/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB03	5/30/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB03	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB03	5/30/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB04	6/4/2007	1,1,1-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB04	6/4/2007	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB04	6/4/2007	1,1,2-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB04	6/4/2007	1,1-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB04	6/4/2007	1,1-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB04	6/4/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB04	6/4/2007	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB04	6/4/2007	1,2-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB04	6/4/2007	1,2-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB04	6/4/2007	1,2-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB04	6/4/2007	1,3-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB04	6/4/2007	1,4-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB04	6/4/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB04	6/4/2007	2-Methylnaphthalene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB04	6/4/2007	Acenaphthene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB04	6/4/2007	Acenaphthylene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB04	6/4/2007	Acetone	24	UG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB04	6/4/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	6.8	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB04	6/4/2007	Anthracene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB04	6/4/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB04	6/4/2007	Benzo(A)Anthracene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB04	6/4/2007	Benzo(B)Fluoranthene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB04	6/4/2007	Benzo(G,H,I)Perylene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB04	6/4/2007	Benzo(K)Fluoranthene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB04	6/4/2007	Benzo[A]Pyrene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB04	6/4/2007	Bromochloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB04	6/4/2007	Bromodichloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB04	6/4/2007	Bromoform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB04	6/4/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB04	6/4/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB04	6/4/2007	Carbon Disulfide	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB04	6/4/2007	Carbon Tetrachloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB04	6/4/2007	Chlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB04	6/4/2007	Chlorodibromomethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB04	6/4/2007	Chloroform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB04	6/4/2007	Chrysene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB04	6/4/2007	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB04	6/4/2007	cis-1,3-Dichloropropene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB04	6/4/2007	Dibenz(A,H)Anthracene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB04	6/4/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB04	6/4/2007	Ethylbenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB04	6/4/2007	Fluoranthene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB04	6/4/2007	Fluorene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB04	6/4/2007	Indeno (1,2,3-CD) Pyrene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB04	6/4/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB04	6/4/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB04	6/4/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB04	6/4/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB04	6/4/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB04	6/4/2007	Naphthalene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB04	6/4/2007	Phenanthrene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB04	6/4/2007	Pyrene	110	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB04	6/4/2007	Styrene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB04	6/4/2007	Tetrachloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB04	6/4/2007	Toluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB04	6/4/2007	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB04	6/4/2007	trans-1,3-Dichloropropene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB04	6/4/2007	Trichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB04	6/4/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB04	6/4/2007	Vinyl Chloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB04	6/4/2007	Xylenes	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB05	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB05	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB05	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB05	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB05	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB05	5/30/2007	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB05	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB05	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB05	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB05	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB05	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB05	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB05	5/30/2007	2-Hexanone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB05	5/30/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB05	5/30/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB05	5/30/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB05	5/30/2007	Acetone	10	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB05	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.4	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB05	5/30/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB05	5/30/2007	Benzene	0.7	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB05	5/30/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB05	5/30/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB05	5/30/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB05	5/30/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB05	5/30/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB05	5/30/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB05	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB05	5/30/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB05	5/30/2007	C11 to C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB05	5/30/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB05	5/30/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB05	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB05	5/30/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB05	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB05	5/30/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB05	5/30/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB05	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB05	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB05	5/30/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB05	5/30/2007	Ethyl Chloride	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB05	5/30/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB05	5/30/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB05	5/30/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB05	5/30/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB05	5/30/2007	Methyl Bromide	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB05	5/30/2007	Methyl Chloride	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB05	5/30/2007	Methyl Ethyl Ketone	6	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB05	5/30/2007	Methyl Isobutyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB05	5/30/2007	Methylene Chloride	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB05	5/30/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB05	5/30/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB05	5/30/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB05	5/30/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB05	5/30/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB05	5/30/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB05	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB05	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB05	5/30/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB05	5/30/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB05	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB05	5/30/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB06	5/31/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB06	5/31/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB06	5/31/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB06	5/31/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB06	5/31/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB06	5/31/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB06	5/31/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB06	5/31/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB06	5/31/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB06	5/31/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB06	5/31/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB06	5/31/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB06	5/31/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB06	5/31/2007	2-Methylnaphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB06	5/31/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB06	5/31/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB06	5/31/2007	Acetone	19	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB06	5/31/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.1	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB06	5/31/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB06	5/31/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB06	5/31/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB06	5/31/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB06	5/31/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB06	5/31/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB06	5/31/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB06	5/31/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB06	5/31/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB06	5/31/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB06	5/31/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB06	5/31/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB06	5/31/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB06	5/31/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB06	5/31/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB06	5/31/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB06	5/31/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB06	5/31/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB06	5/31/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB06	5/31/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB06	5/31/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB06	5/31/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB06	5/31/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB06	5/31/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB06	5/31/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB06	5/31/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB06	5/31/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB06	5/31/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB06	5/31/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB06	5/31/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB06	5/31/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB06	5/31/2007	Naphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB06	5/31/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB06	5/31/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB06	5/31/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB06	5/31/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB06	5/31/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB06	5/31/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB06	5/31/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB06	5/31/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB06	5/31/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB06	5/31/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB06	5/31/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB07	6/1/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB07	6/1/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB07	6/1/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB07	6/1/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB07	6/1/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB07	6/1/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB07	6/1/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB07	6/1/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB07	6/1/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB07	6/1/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB07	6/1/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB07	6/1/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB07	6/1/2007	2-Hexanone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB07	6/1/2007	2-Methylnaphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB07	6/1/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB07	6/1/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB07	6/1/2007	Acetone	8	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB07	6/1/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.3	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB07	6/1/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB07	6/1/2007	Benzene	0.6	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB07	6/1/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB07	6/1/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB07	6/1/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB07	6/1/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB07	6/1/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB07	6/1/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB07	6/1/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB07	6/1/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB07	6/1/2007	C11 to C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB07	6/1/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB07	6/1/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB07	6/1/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB07	6/1/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB07	6/1/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB07	6/1/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB07	6/1/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB07	6/1/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB07	6/1/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB07	6/1/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB07	6/1/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB07	6/1/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB07	6/1/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB07	6/1/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB07	6/1/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB07	6/1/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB07	6/1/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB07	6/1/2007	Methyl Ethyl Ketone	5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB07	6/1/2007	Methyl Isobutyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB07	6/1/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB07	6/1/2007	Naphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB07	6/1/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB07	6/1/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB07	6/1/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB07	6/1/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB07	6/1/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB07	6/1/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB07	6/1/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB07	6/1/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB07	6/1/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB07	6/1/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB07	6/1/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB08	6/1/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB08	6/1/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB08	6/1/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB08	6/1/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB08	6/1/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB08	6/1/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB08	6/1/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB08	6/1/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB08	6/1/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB08	6/1/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB08	6/1/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB08	6/1/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB08	6/1/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB08	6/1/2007	2-Methylnaphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB08	6/1/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB08	6/1/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB08	6/1/2007	Acetone	7	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB08	6/1/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.3	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB08	6/1/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB08	6/1/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB08	6/1/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB08	6/1/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB08	6/1/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB08	6/1/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB08	6/1/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB08	6/1/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB08	6/1/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB08	6/1/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB08	6/1/2007	C11 to C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB08	6/1/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB08	6/1/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB08	6/1/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB08	6/1/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB08	6/1/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB08	6/1/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB08	6/1/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB08	6/1/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB08	6/1/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB08	6/1/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB08	6/1/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB08	6/1/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB08	6/1/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB08	6/1/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB08	6/1/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB08	6/1/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB08	6/1/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB08	6/1/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB08	6/1/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB08	6/1/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB08	6/1/2007	Naphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB08	6/1/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB08	6/1/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB08	6/1/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB08	6/1/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB08	6/1/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB08	6/1/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB08	6/1/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB08	6/1/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB08	6/1/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB08	6/1/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB08	6/1/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB09	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB09	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB09	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB09	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB09	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB09	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB09	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB09	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB09	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB09	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB09	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB09	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB09	5/30/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB09	5/30/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB09	5/30/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB09	5/30/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB09	5/30/2007	Acetone	9	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB09	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.1	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB09	5/30/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB09	5/30/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB09	5/30/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB09	5/30/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB09	5/30/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB09	5/30/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB09	5/30/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB09	5/30/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB09	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB09	5/30/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB09	5/30/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB09	5/30/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB09	5/30/2007	Carbon Disulfide	3	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB09	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB09	5/30/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB09	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB09	5/30/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB09	5/30/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB09	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB09	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB09	5/30/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB09	5/30/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB09	5/30/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB09	5/30/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB09	5/30/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB09	5/30/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB09	5/30/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB09	5/30/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB09	5/30/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB09	5/30/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB09	5/30/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB09	5/30/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB09	5/30/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB09	5/30/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB09	5/30/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB09	5/30/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB09	5/30/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB09	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB09	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB09	5/30/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB09	5/30/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB09	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB09	5/30/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB10	5/31/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB10	5/31/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB10	5/31/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB10	5/31/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB10	5/31/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB10	5/31/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB10	5/31/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB10	5/31/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB10	5/31/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB10	5/31/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB10	5/31/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB10	5/31/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB10	5/31/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB10	5/31/2007	2-Methylnaphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB10	5/31/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB10	5/31/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB10	5/31/2007	Acetone	14	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB10	5/31/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.2	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB10	5/31/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB10	5/31/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB10	5/31/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB10	5/31/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB10	5/31/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB10	5/31/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB10	5/31/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB10	5/31/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB10	5/31/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB10	5/31/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB10	5/31/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB10	5/31/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB10	5/31/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB10	5/31/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB10	5/31/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB10	5/31/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB10	5/31/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB10	5/31/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB10	5/31/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB10	5/31/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB10	5/31/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB10	5/31/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB10	5/31/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB10	5/31/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB10	5/31/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB10	5/31/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB10	5/31/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB10	5/31/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB10	5/31/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB10	5/31/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB10	5/31/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB10	5/31/2007	Naphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB10	5/31/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB10	5/31/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB10	5/31/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB10	5/31/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB10	5/31/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB10	5/31/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB10	5/31/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB10	5/31/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB10	5/31/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB10	5/31/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB10	5/31/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB12	6/4/2007	1,1,1-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB12	6/4/2007	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB12	6/4/2007	1,1,2-Trichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB12	6/4/2007	1,1-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB12	6/4/2007	1,1-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB12	6/4/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB12	6/4/2007	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB12	6/4/2007	1,2-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB12	6/4/2007	1,2-Dichloroethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB12	6/4/2007	1,2-Dichloropropane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB12	6/4/2007	1,3-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB12	6/4/2007	1,4-Dichlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB12	6/4/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB12	6/4/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB12	6/4/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB12	6/4/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB12	6/4/2007	Acetone	17	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB12	6/4/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB12	6/4/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB12	6/4/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB12	6/4/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB12	6/4/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB12	6/4/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB12	6/4/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB12	6/4/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB12	6/4/2007	Bromochloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB12	6/4/2007	Bromodichloromethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB12	6/4/2007	Bromoform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB12	6/4/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB12	6/4/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB12	6/4/2007	Carbon Disulfide	1	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB12	6/4/2007	Carbon Tetrachloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB12	6/4/2007	Chlorobenzene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB12	6/4/2007	Chlorodibromomethane	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB12	6/4/2007	Chloroform	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB12	6/4/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB12	6/4/2007	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB12	6/4/2007	cis-1,3-Dichloropropene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB12	6/4/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB12	6/4/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB12	6/4/2007	Ethylbenzene	1	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB12	6/4/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB12	6/4/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB12	6/4/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB12	6/4/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB12	6/4/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB12	6/4/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB12	6/4/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB12	6/4/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB12	6/4/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB12	6/4/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB12	6/4/2007	Pyrene	230	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB12	6/4/2007	Styrene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB12	6/4/2007	Tetrachloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB12	6/4/2007	Toluene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB12	6/4/2007	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB12	6/4/2007	trans-1,3-Dichloropropene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB12	6/4/2007	Trichloroethene	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB12	6/4/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB12	6/4/2007	Vinyl Chloride	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB12	6/4/2007	Xylenes	0.9	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB13	5/30/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB13	5/30/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB13	5/30/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB13	5/30/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB13	5/30/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB13	5/30/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB13	5/30/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB13	5/30/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB13	5/30/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB13	5/30/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB13	5/30/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB13	5/30/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB13	5/30/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB13	5/30/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB13	5/30/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB13	5/30/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB13	5/30/2007	Acetone	8	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB13	5/30/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB13	5/30/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB13	5/30/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB13	5/30/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB13	5/30/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB13	5/30/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB13	5/30/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB13	5/30/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB13	5/30/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB13	5/30/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB13	5/30/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB13	5/30/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB13	5/30/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB13	5/30/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB13	5/30/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB13	5/30/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB13	5/30/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB13	5/30/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB13	5/30/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB13	5/30/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB13	5/30/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB13	5/30/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB13	5/30/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB13	5/30/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB13	5/30/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB13	5/30/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB13	5/30/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB13	5/30/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB13	5/30/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB13	5/30/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB13	5/30/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB13	5/30/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB13	5/30/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB13	5/30/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB13	5/30/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB13	5/30/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB13	5/30/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB13	5/30/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB13	5/30/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB13	5/30/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB13	5/30/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB13	5/30/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB13	5/30/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB13	5/30/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB14	5/31/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB14	5/31/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB14	5/31/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB14	5/31/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB14	5/31/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB14	5/31/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB14	5/31/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB14	5/31/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB14	5/31/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB14	5/31/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB14	5/31/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB14	5/31/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB14	5/31/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB14	5/31/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB14	5/31/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB14	5/31/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB14	5/31/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB14	5/31/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB14	5/31/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB14	5/31/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB14	5/31/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB14	5/31/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB14	5/31/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB14	5/31/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB14	5/31/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB14	5/31/2007	2-Hexanone	4	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB14	5/31/2007	2-Methylnaphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB14	5/31/2007	2-Methylnaphthalene	120	UG/KG	U	UJ		N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB14	5/31/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB14	5/31/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB14	5/31/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB14	5/31/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB14	5/31/2007	Acetone	18	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB14	5/31/2007	Acetone	17	UG/KG	J	J		Y	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB14	5/31/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.5	MG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB14	5/31/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	6.9	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB14	5/31/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB14	5/31/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB14	5/31/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB14	5/31/2007	Benzene	0.6	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB14	5/31/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB14	5/31/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB14	5/31/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB14	5/31/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB14	5/31/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB14	5/31/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB14	5/31/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB14	5/31/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB14	5/31/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB14	5/31/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB14	5/31/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB14	5/31/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB14	5/31/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB14	5/31/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB14	5/31/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB14	5/31/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB14	5/31/2007	C11 to C22 Aromatics	15	MG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB14	5/31/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB14	5/31/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB14	5/31/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB14	5/31/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB14	5/31/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB14	5/31/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB14	5/31/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB14	5/31/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB14	5/31/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB14	5/31/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB14	5/31/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB14	5/31/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB14	5/31/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB14	5/31/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB14	5/31/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB14	5/31/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB14	5/31/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB14	5/31/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB14	5/31/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB14	5/31/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB14	5/31/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB14	5/31/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB14	5/31/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB14	5/31/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB14	5/31/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB14	5/31/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB14	5/31/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB14	5/31/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB14	5/31/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB14	5/31/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB14	5/31/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB14	5/31/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB14	5/31/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB14	5/31/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB14	5/31/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB14	5/31/2007	Methyl Ethyl Ketone	5	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB14	5/31/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB14	5/31/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB14	5/31/2007	Methyl Isobutyl Ketone	4	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB14	5/31/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB14	5/31/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB14	5/31/2007	Naphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB14	5/31/2007	Naphthalene	120	UG/KG	U	UJ		N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB14	5/31/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB14	5/31/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB14	5/31/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB14	5/31/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB14	5/31/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB14	5/31/2007	Styrene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB14	5/31/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB14	5/31/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB14	5/31/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB14	5/31/2007	Toluene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB14	5/31/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB14	5/31/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB14	5/31/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB14	5/31/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB14	5/31/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB14	5/31/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB14	5/31/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB14	5/31/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB14	5/31/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB14	5/31/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB14	5/31/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB14	5/31/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB16	6/5/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB16	6/5/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB16	6/5/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB16	6/5/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB16	6/5/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB16	6/5/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB16	6/5/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB16	6/5/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB16	6/5/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB16	6/5/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB16	6/5/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB16	6/5/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB16	6/5/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB16	6/5/2007	2-Methylnaphthalene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB16	6/5/2007	Acenaphthene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB16	6/5/2007	Acenaphthylene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB16	6/5/2007	Acetone	26	UG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB16	6/5/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.5	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB16	6/5/2007	Anthracene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB16	6/5/2007	Benzene	0.6	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB16	6/5/2007	Benzo(A)Anthracene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB16	6/5/2007	Benzo(B)Fluoranthene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB16	6/5/2007	Benzo(G,H,I)Perylene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB16	6/5/2007	Benzo(K)Fluoranthene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB16	6/5/2007	Benzo[A]Pyrene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB16	6/5/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB16	6/5/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB16	6/5/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB16	6/5/2007	C11 to C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB16	6/5/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB16	6/5/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB16	6/5/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB16	6/5/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB16	6/5/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB16	6/5/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB16	6/5/2007	Chrysene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB16	6/5/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB16	6/5/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB16	6/5/2007	Dibenz(A,H)Anthracene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB16	6/5/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB16	6/5/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB16	6/5/2007	Fluoranthene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB16	6/5/2007	Fluorene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB16	6/5/2007	Indeno (1,2,3-CD) Pyrene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB16	6/5/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB16	6/5/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB16	6/5/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB16	6/5/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB16	6/5/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB16	6/5/2007	Naphthalene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB16	6/5/2007	Phenanthrene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB16	6/5/2007	Pyrene	130	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB16	6/5/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB16	6/5/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB16	6/5/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB16	6/5/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB16	6/5/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB16	6/5/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB16	6/5/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB16	6/5/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB16	6/5/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB17	6/5/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB17	6/5/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB17	6/5/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB17	6/5/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB17	6/5/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB17	6/5/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB17	6/5/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB17	6/5/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB17	6/5/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB17	6/5/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB17	6/5/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB17	6/5/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB17	6/5/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB17	6/5/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB17	6/5/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB17	6/5/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB17	6/5/2007	Acetone	14	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB17	6/5/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.2	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB17	6/5/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB17	6/5/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB17	6/5/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB17	6/5/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB17	6/5/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB17	6/5/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB17	6/5/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB17	6/5/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB17	6/5/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB17	6/5/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB17	6/5/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB17	6/5/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB17	6/5/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB17	6/5/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB17	6/5/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB17	6/5/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB17	6/5/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB17	6/5/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB17	6/5/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB17	6/5/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB17	6/5/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB17	6/5/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB17	6/5/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB17	6/5/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB17	6/5/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB17	6/5/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB17	6/5/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB17	6/5/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB17	6/5/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB17	6/5/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB17	6/5/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB17	6/5/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB17	6/5/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB17	6/5/2007	Pyrene	240	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB17	6/5/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB17	6/5/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB17	6/5/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB17	6/5/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB17	6/5/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB17	6/5/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB17	6/5/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB17	6/5/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB17	6/5/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB19	6/5/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB19	6/5/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB19	6/5/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB19	6/5/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB19	6/5/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB19	6/5/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB19	6/5/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB19	6/5/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB19	6/5/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB19	6/5/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB19	6/5/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB19	6/5/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB19	6/5/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB19	6/5/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB19	6/5/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB19	6/5/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB19	6/5/2007	Acetone	15	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB19	6/5/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.1	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB19	6/5/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB19	6/5/2007	Benzene	0.6	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB19	6/5/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB19	6/5/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB19	6/5/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB19	6/5/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB19	6/5/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB19	6/5/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB19	6/5/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB19	6/5/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB19	6/5/2007	C11 to C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB19	6/5/2007	C19 to C36 Aliphatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB19	6/5/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB19	6/5/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB19	6/5/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB19	6/5/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB19	6/5/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB19	6/5/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB19	6/5/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB19	6/5/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB19	6/5/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB19	6/5/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB19	6/5/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB19	6/5/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB19	6/5/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB19	6/5/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB19	6/5/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB19	6/5/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB19	6/5/2007	Methyl Ethyl Ketone	5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB19	6/5/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB19	6/5/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB19	6/5/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB19	6/5/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB19	6/5/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB19	6/5/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB19	6/5/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB19	6/5/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB19	6/5/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB19	6/5/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB19	6/5/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB19	6/5/2007	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB19	6/5/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB19	6/5/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB20	6/5/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB20	6/5/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB20	6/5/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB20	6/5/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB20	6/5/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB20	6/5/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB20	6/5/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB20	6/5/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB20	6/5/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB20	6/5/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB20	6/5/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB20	6/5/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB20	6/5/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB20	6/5/2007	2-Methylnaphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SB20	6/5/2007	Acenaphthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB20	6/5/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB20	6/5/2007	Acetone	8	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB20	6/5/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.3	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB20	6/5/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB20	6/5/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB20	6/5/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB20	6/5/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB20	6/5/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB20	6/5/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB20	6/5/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB20	6/5/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB20	6/5/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB20	6/5/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB20	6/5/2007	C11 to C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB20	6/5/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB20	6/5/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB20	6/5/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB20	6/5/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB20	6/5/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB20	6/5/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB20	6/5/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB20	6/5/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB20	6/5/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB20	6/5/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB20	6/5/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB20	6/5/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB20	6/5/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB20	6/5/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB20	6/5/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB20	6/5/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB20	6/5/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB20	6/5/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB20	6/5/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB20	6/5/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB20	6/5/2007	Naphthalene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB20	6/5/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB20	6/5/2007	Pyrene	240	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB20	6/5/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB20	6/5/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB20	6/5/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB20	6/5/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB20	6/5/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB20	6/5/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB20	6/5/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB20	6/5/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB20	6/5/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SB21	6/6/2007	1,1,1-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SB21	6/6/2007	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SB21	6/6/2007	1,1,2-Trichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB21	6/6/2007	1,1-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SB21	6/6/2007	1,1-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SB21	6/6/2007	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SB21	6/6/2007	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SB21	6/6/2007	1,2-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SB21	6/6/2007	1,2-Dichloroethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SB21	6/6/2007	1,2-Dichloropropane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SB21	6/6/2007	1,3-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SB21	6/6/2007	1,4-Dichlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SB21	6/6/2007	2-Hexanone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB21	6/6/2007	2-Methylnaphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SB21	6/6/2007	Acenaphthene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SB21	6/6/2007	Acenaphthylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SB21	6/6/2007	Acetone	11	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SB21	6/6/2007	Aliphatics, C9-C18 (Petroleum Aliphatic Carbon Fraction)	7.4	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SB21	6/6/2007	Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB21	6/6/2007	Benzene	0.5	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SB21	6/6/2007	Benzo(A)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB21	6/6/2007	Benzo(B)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB21	6/6/2007	Benzo(G,H,I)Perylene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SB21	6/6/2007	Benzo(K)Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SB21	6/6/2007	Benzo[A]Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB21	6/6/2007	Bromochloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB21	6/6/2007	Bromodichloromethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SB21	6/6/2007	Bromoform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SB21	6/6/2007	C11 to C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB21	6/6/2007	C19 to C36 Aliphatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB21	6/6/2007	Carbon Disulfide	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SB21	6/6/2007	Carbon Tetrachloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SB21	6/6/2007	Chlorobenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SB21	6/6/2007	Chlorodibromomethane	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SB21	6/6/2007	Chloroform	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SB21	6/6/2007	Chrysene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SB21	6/6/2007	cis-1,2 Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SB21	6/6/2007	cis-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB21	6/6/2007	Dibenz(A,H)Anthracene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SB21	6/6/2007	Ethyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SB21	6/6/2007	Ethylbenzene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SB21	6/6/2007	Fluoranthene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB21	6/6/2007	Fluorene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SB21	6/6/2007	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SB21	6/6/2007	Methyl Bromide	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SB21	6/6/2007	Methyl Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SB21	6/6/2007	Methyl Ethyl Ketone	4	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SB21	6/6/2007	Methyl Isobutyl Ketone	3	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SB21	6/6/2007	Methylene Chloride	2	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SB21	6/6/2007	Naphthalene	120	UG/KG	U	UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SB21	6/6/2007	Phenanthrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SB21	6/6/2007	Pyrene	120	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SB21	6/6/2007	Styrene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SB21	6/6/2007	Tetrachloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SB21	6/6/2007	Toluene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SB21	6/6/2007	trans-1,2-Dichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SB21	6/6/2007	trans-1,3-Dichloropropene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SB21	6/6/2007	Trichloroethene	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SB21	6/6/2007	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SB21	6/6/2007	Vinyl Chloride	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SB21	6/6/2007	Xylenes	1	UG/KG	U			N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-1-S2	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-1-S2	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-1-S2	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-1-S2	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-1-S2	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S2	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-1-S2	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-1-S2	10/1/2013	1,2,4,5-Tetrachlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-1-S2	10/1/2013	1,2,4-Trichlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S2	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-1-S2	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-1-S2	10/1/2013	1,2-Dichlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-1-S2	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S2	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-1-S2	10/1/2013	1,2-Diphenylhydrazine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S2	10/1/2013	1,3,5-Trinitrobenzene	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-1-S2	10/1/2013	1,3-Dichlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-1-S2	10/1/2013	1,3-Dinitrobenzene	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-1-S2	10/1/2013	1,4-Dichlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-1-S2	10/1/2013	1,4-Dioxane	25	UG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S2	10/1/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-1-S2	10/1/2013	1-Naphthylamine	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-1-S2	10/1/2013	2,3,4,6-Tetrachlorophenol	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-1-S2	10/1/2013	2,4,5-Trichlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S2	10/1/2013	2,4,6-Trichlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-1-S2	10/1/2013	2,4-Dichlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-1-S2	10/1/2013	2,4-Dimethylphenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-1-S2	10/1/2013	2,4-Dinitrophenol	390	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-1-S2	10/1/2013	2,4-Dinitrotoluene	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-1-S2	10/1/2013	2,6-Dichlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-1-S2	10/1/2013	2,6-Dinitrotoluene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-1-S2	10/1/2013	2-Acetylaminofluorene	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-1-S2	10/1/2013	2-Chloronaphthalene	9	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-1-S2	10/1/2013	2-Chlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-1-S2	10/1/2013	2-Hexanone	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-1-S2	10/1/2013	2-Methylnaphthalene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-1-S2	10/1/2013	2-Methylphenol (O-Cresol)	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S2	10/1/2013	2-Naphthylamine	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-1-S2	10/1/2013	2-Nitroaniline	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-1-S2	10/1/2013	2-Nitrophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-1-S2	10/1/2013	2-Picoline	130	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-1-S2	10/1/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-1-S2	10/1/2013	3,3'-Dimethylbenzidine	640	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-1-S2	10/1/2013	3-Methylcholanthrene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-1-S2	10/1/2013	3-Nitroaniline	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-1-S2	10/1/2013	4,6-Dinitro-2-Methylphenol	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-1-S2	10/1/2013	4-Aminobiphenyl	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-1-S2	10/1/2013	4-Bromophenyl Phenyl Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-1-S2	10/1/2013	4-Chloro-3-Methylphenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S2	10/1/2013	4-Chloroaniline	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-1-S2	10/1/2013	4-Chlorophenyl Phenyl Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-1-S2	10/1/2013	4-Dimethylaminoazobenzene	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-1-S2	10/1/2013	4-Methylphenol (P-Cresol)	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S2	10/1/2013	4-Nitroaniline	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-1-S2	10/1/2013	4-Nitrophenol	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S2	10/1/2013	4-Nitroquinoline-N-Oxide	430	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-1-S2	10/1/2013	5-Nitro-Ortho-Toluidine	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-1-S2	10/1/2013	7,12-Dimethylbenz[A]Anthracene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-1-S2	10/1/2013	Acenaphthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-1-S2	10/1/2013	Acenaphthylene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-1-S2	10/1/2013	Acetone	7	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S2	10/1/2013	Acetonitrile	26	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S2	10/1/2013	Acetophenone	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-1-S2	10/1/2013	Acrolein	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-1-S2	10/1/2013	Acrylonitrile	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S2	10/1/2013	Allyl Chloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-1-S2	10/1/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-1-S2	10/1/2013	Aniline	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-1-S2	10/1/2013	Anthracene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-1-S2	10/1/2013	Antimony	0.935	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-1-S2	10/1/2013	Aramite	86	UG/KG	U	UJ		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-1-S2	10/1/2013	Arsenic	0.678	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-1-S2	10/1/2013	Barium	9.87	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-1-S2	10/1/2013	Benzene	0.5	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-1-S2	10/1/2013	Benzo(A)Anthracene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S2	10/1/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S2	10/1/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-1-S2	10/1/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-1-S2	10/1/2013	Benzo[A]Pyrene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-1-S2	10/1/2013	Benzyl Alcohol	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S2	10/1/2013	Beryllium	0.0846	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-1-S2	10/1/2013	Biphenyl	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-1-S2	10/1/2013	Bis(2-Chloroethoxy)Methane	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-1-S2	10/1/2013	Bis(2-Chloroethyl)Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-1-S2	10/1/2013	Bis(2-Chloroisopropyl)Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-1-S2	10/1/2013	Bis(2-Ethylhexyl)Phthalate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-1-S2	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-1-S2	10/1/2013	Bromoform	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-1-S2	10/1/2013	Butyl Benzyl Phthalate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-1-S2	10/1/2013	Cadmium	0.096	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-1-S2	10/1/2013	Carbon Disulfide	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S2	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-1-S2	10/1/2013	Chlorobenzene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-1-S2	10/1/2013	Chlorobenzilate	43	UG/KG	U	UJ		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-1-S2	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-1-S2	10/1/2013	Chloroform	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-1-S2	10/1/2013	Chloroprene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-1-S2	10/1/2013	Chromium	9.45	MG/KG				Y	4-6 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-1-S2	10/1/2013	Chrysene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-1-S2	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-1-S2	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-1-S2	10/1/2013	Cobalt	0.373	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-1-S2	10/1/2013	Copper	0.49	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-1-S2	10/1/2013	Diallate	43	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-1-S2	10/1/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-1-S2	10/1/2013	Dibenzofuran	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-1-S2	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-1-S2	10/1/2013	Diethyl Phthalate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-1-S2	10/1/2013	Diethylene Glycol	6400	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-1-S2	10/1/2013	Dimethoate	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S2	10/1/2013	Dimethyl Phthalate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-1-S2	10/1/2013	Di-N-Butyl Phthalate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-1-S2	10/1/2013	Diphenyl Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-1-S2	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-1-S2	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-1-S2	10/1/2013	Ethyl Methanesulfonate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S2	10/1/2013	Ethylbenzene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-1-S2	10/1/2013	Ethylene Glycol	6400	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S2	10/1/2013	Fluoranthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-1-S2	10/1/2013	Fluorene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-1-S2	10/1/2013	Hexachlorobenzene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S2	10/1/2013	Hexachlorobutadiene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-1-S2	10/1/2013	Hexachlorocyclopentadiene	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-1-S2	10/1/2013	Hexachloroethane	43	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-1-S2	10/1/2013	Hexachloropropylene	130	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-1-S2	10/1/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-1-S2	10/1/2013	Iodomethane	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-1-S2	10/1/2013	Isobutyl Alcohol	100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-1-S2	10/1/2013	Isodrin	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-1-S2	10/1/2013	Isophorone	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-1-S2	10/1/2013	Isosafrole	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-1-S2	10/1/2013	Lead	6.25	MG/KG		J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-1-S2	10/1/2013	Mercury	0.033	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-1-S2	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-1-S2	10/1/2013	Methapyrilene	2100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-1-S2	10/1/2013	Methyl Bromide	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-1-S2	10/1/2013	Methyl Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-1-S2	10/1/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-1-S2	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-1-S2	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-1-S2	10/1/2013	Methyl Methanesulfonate	43	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-1-S2	10/1/2013	Methylene Bromide	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-1-S2	10/1/2013	Methylene Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-1-S2	10/1/2013	Naphthalene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-1-S2	10/1/2013	N-Dioctyl Phthalate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-1-S2	10/1/2013	Nickel	1.66	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-1-S2	10/1/2013	Nitrobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-1-S2	10/1/2013	N-Nitroso(Methyl)Ethylamine	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-1-S2	10/1/2013	N-Nitrosodiethylamine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-1-S2	10/1/2013	N-Nitrosodimethylamine	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-1-S2	10/1/2013	N-Nitroso-Di-N-Butylamine	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-1-S2	10/1/2013	N-Nitrosodi-N-Propylamine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-1-S2	10/1/2013	N-Nitrosodiphenylamine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-1-S2	10/1/2013	N-Nitrosomorpholine	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-1-S2	10/1/2013	N-Nitrosopiperidine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-1-S2	10/1/2013	N-Nitrosopyrrolidine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-1-S2	10/1/2013	O,O,O-Triethylphosphorothioate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-1-S2	10/1/2013	O-Toluidine	260	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-1-S2	10/1/2013	para-Phenylenediamine	15000	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-1-S2	10/1/2013	Pentachlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-1-S2	10/1/2013	Pentachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-1-S2	10/1/2013	Pentachloronitrobenzene	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-1-S2	10/1/2013	Pentachlorophenol	43	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-1-S2	10/1/2013	Phenacetin	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-1-S2	10/1/2013	Phenanthrene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-1-S2	10/1/2013	Phenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-1-S2	10/1/2013	Pronamide	43	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-1-S2	10/1/2013	Propionitrile	31	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-1-S2	10/1/2013	Propylene Glycol	6400	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-1-S2	10/1/2013	Pyrene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-1-S2	10/1/2013	Pyridine	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-1-S2	10/1/2013	Safrole	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-1-S2	10/1/2013	Selenium	0.126	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S2	10/1/2013	Silver	0.215	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S2	10/1/2013	Styrene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-1-S2	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-1-S2	10/1/2013	Tetraethyl Dithiopyrophosphate	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-1-S2	10/1/2013	Thallium	0.0654	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-1-S2	10/1/2013	Thionazin	86	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-1-S2	10/1/2013	Tin	2.14	MG/KG	J	B		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-1-S2	10/1/2013	Toluene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-1-S2	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-1-S2	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-1-S2	10/1/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-1-S2	10/1/2013	Trichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-1-S2	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-1-S2	10/1/2013	Triethylene Glycol	6400	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-1-S2	10/1/2013	Vanadium	14.7	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-1-S2	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-1-S2	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-1-S2	10/1/2013	Xylenes	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-1-S2	10/1/2013	Zinc	3.3	MG/KG	J	B		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-2-S2	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-2-S2	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-2-S2	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-2-S2	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-2-S2	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-2-S2	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-2-S2	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-2-S2	10/1/2013	1,2,4,5-Tetrachlorobenzene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-2-S2	10/1/2013	1,2,4-Trichlorobenzene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-2-S2	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-2-S2	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-2-S2	10/1/2013	1,2-Dichlorobenzene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-2-S2	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-2-S2	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-2-S2	10/1/2013	1,2-Diphenylhydrazine	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-2-S2	10/1/2013	1,3,5-Trinitrobenzene	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-2-S2	10/1/2013	1,3-Dichlorobenzene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-2-S2	10/1/2013	1,3-Dinitrobenzene	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-2-S2	10/1/2013	1,4-Dichlorobenzene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-2-S2	10/1/2013	1,4-Dioxane	5.1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-2-S2	10/1/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-2-S2	10/1/2013	1-Naphthylamine	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-2-S2	10/1/2013	2,3,4,6-Tetrachlorophenol	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-2-S2	10/1/2013	2,4,5-Trichlorophenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S2	10/1/2013	2,4,6-Trichlorophenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-2-S2	10/1/2013	2,4-Dichlorophenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-2-S2	10/1/2013	2,4-Dimethylphenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-2-S2	10/1/2013	2,4-Dinitrophenol	390	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-2-S2	10/1/2013	2,4-Dinitrotoluene	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-2-S2	10/1/2013	2,6-Dichlorophenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-2-S2	10/1/2013	2,6-Dinitrotoluene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-2-S2	10/1/2013	2-Acetylaminofluorene	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-2-S2	10/1/2013	2-Chloronaphthalene	9	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-2-S2	10/1/2013	2-Chlorophenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-2-S2	10/1/2013	2-Hexanone	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-2-S2	10/1/2013	2-Methylnaphthalene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-2-S2	10/1/2013	2-Methylphenol (O-Cresol)	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S2	10/1/2013	2-Naphthylamine	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-2-S2	10/1/2013	2-Nitroaniline	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-2-S2	10/1/2013	2-Nitrophenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-2-S2	10/1/2013	2-Picoline	130	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-2-S2	10/1/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-2-S2	10/1/2013	3,3'-Dimethylbenzidine	660	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-2-S2	10/1/2013	3-Methylcholanthrene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-2-S2	10/1/2013	3-Nitroaniline	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-2-S2	10/1/2013	4,6-Dinitro-2-Methylphenol	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-2-S2	10/1/2013	4-Aminobiphenyl	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-2-S2	10/1/2013	4-Bromophenyl Phenyl Ether	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-2-S2	10/1/2013	4-Chloro-3-Methylphenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S2	10/1/2013	4-Chloroaniline	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-2-S2	10/1/2013	4-Chlorophenyl Phenyl Ether	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-2-S2	10/1/2013	4-Dimethylaminoazobenzene	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-2-S2	10/1/2013	4-Methylphenol (P-Cresol)	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S2	10/1/2013	4-Nitroaniline	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-2-S2	10/1/2013	4-Nitrophenol	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-2-S2	10/1/2013	4-Nitroquinoline-N-Oxide	440	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-2-S2	10/1/2013	5-Nitro-Ortho-Toluidine	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-2-S2	10/1/2013	7,12-Dimethylbenz[A]Anthracene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-2-S2	10/1/2013	Acenaphthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-2-S2	10/1/2013	Acenaphthylene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-2-S2	10/1/2013	Acetone	8	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-2-S2	10/1/2013	Acetonitrile	27	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-2-S2	10/1/2013	Acetophenone	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-2-S2	10/1/2013	Acrolein	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-2-S2	10/1/2013	Acrylonitrile	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-2-S2	10/1/2013	Allyl Chloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-2-S2	10/1/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-2-S2	10/1/2013	Aniline	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-2-S2	10/1/2013	Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-2-S2	10/1/2013	Antimony	0.952	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-2-S2	10/1/2013	Aramite	87	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-2-S2	10/1/2013	Arsenic	2.01	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-2-S2	10/1/2013	Barium	15.7	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-2-S2	10/1/2013	Benzene	0.5	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-2-S2	10/1/2013	Benzo(A)Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-2-S2	10/1/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-2-S2	10/1/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-2-S2	10/1/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-2-S2	10/1/2013	Benzo[A]Pyrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-2-S2	10/1/2013	Benzyl Alcohol	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S2	10/1/2013	Beryllium	0.0862	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-2-S2	10/1/2013	Biphenyl	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-2-S2	10/1/2013	Bis(2-Chloroethoxy)Methane	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-2-S2	10/1/2013	Bis(2-Chloroethyl)Ether	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-2-S2	10/1/2013	Bis(2-Chloroisopropyl)Ether	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-2-S2	10/1/2013	Bis(2-Ethylhexyl)Phthalate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-2-S2	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-2-S2	10/1/2013	Bromoform	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-2-S2	10/1/2013	Butyl Benzyl Phthalate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-2-S2	10/1/2013	Cadmium	0.0978	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-2-S2	10/1/2013	Carbon Disulfide	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-2-S2	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-2-S2	10/1/2013	Chlorobenzene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-2-S2	10/1/2013	Chlorobenzilate	44	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-2-S2	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-2-S2	10/1/2013	Chloroform	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-2-S2	10/1/2013	Chloroprene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-2-S2	10/1/2013	Chromium	9.56	MG/KG				Y	4-5 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-2-S2	10/1/2013	Chrysene	5	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-2-S2	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-2-S2	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-2-S2	10/1/2013	Cobalt	0.494	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-2-S2	10/1/2013	Copper	0.596	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-2-S2	10/1/2013	Diallate	44	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-2-S2	10/1/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-2-S2	10/1/2013	Dibenzofuran	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-2-S2	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-2-S2	10/1/2013	Diethyl Phthalate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-2-S2	10/1/2013	Diethylene Glycol	6600	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-2-S2	10/1/2013	Dimethoate	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-2-S2	10/1/2013	Dimethyl Phthalate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-2-S2	10/1/2013	Di-N-Butyl Phthalate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-2-S2	10/1/2013	Diphenyl Ether	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-2-S2	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-2-S2	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-2-S2	10/1/2013	Ethyl Methanesulfonate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-2-S2	10/1/2013	Ethylbenzene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-2-S2	10/1/2013	Ethylene Glycol	6600	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-2-S2	10/1/2013	Fluoranthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-2-S2	10/1/2013	Fluorene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-2-S2	10/1/2013	Hexachlorobenzene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-2-S2	10/1/2013	Hexachlorobutadiene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-2-S2	10/1/2013	Hexachlorocyclopentadiene	220	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-2-S2	10/1/2013	Hexachloroethane	44	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-2-S2	10/1/2013	Hexachloropropylene	130	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-2-S2	10/1/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-2-S2	10/1/2013	Iodomethane	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-2-S2	10/1/2013	Isobutyl Alcohol	110	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-2-S2	10/1/2013	Isodrin	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-2-S2	10/1/2013	Isophorone	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-2-S2	10/1/2013	Isosafrole	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-2-S2	10/1/2013	Lead	6.22	MG/KG		J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-2-S2	10/1/2013	Mercury	0.0178	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-2-S2	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-2-S2	10/1/2013	Methapyrilene	2200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-2-S2	10/1/2013	Methyl Bromide	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-2-S2	10/1/2013	Methyl Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-2-S2	10/1/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-2-S2	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-2-S2	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-2-S2	10/1/2013	Methyl Methanesulfonate	44	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-2-S2	10/1/2013	Methylene Bromide	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-2-S2	10/1/2013	Methylene Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-2-S2	10/1/2013	Naphthalene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-2-S2	10/1/2013	N-Dioctyl Phthalate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-2-S2	10/1/2013	Nickel	1.43	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-2-S2	10/1/2013	Nitrobenzene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-2-S2	10/1/2013	N-Nitroso(Methyl)Ethylamine	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-2-S2	10/1/2013	N-Nitrosodiethylamine	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-2-S2	10/1/2013	N-Nitrosodimethylamine	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-2-S2	10/1/2013	N-Nitroso-Di-N-Butylamine	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-2-S2	10/1/2013	N-Nitrosodi-N-Propylamine	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-2-S2	10/1/2013	N-Nitrosodiphenylamine	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-2-S2	10/1/2013	N-Nitrosomorpholine	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-2-S2	10/1/2013	N-Nitrosopiperidine	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-2-S2	10/1/2013	N-Nitrosopyrrolidine	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-2-S2	10/1/2013	O,O,O-Triethylphosphorothioate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-2-S2	10/1/2013	O-Toluidine	260	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-2-S2	10/1/2013	para-Phenylenediamine	15000	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-2-S2	10/1/2013	Pentachlorobenzene	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-2-S2	10/1/2013	Pentachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-2-S2	10/1/2013	Pentachloronitrobenzene	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-2-S2	10/1/2013	Pentachlorophenol	44	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-2-S2	10/1/2013	Phenacetin	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-2-S2	10/1/2013	Phenanthrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-2-S2	10/1/2013	Phenol	22	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-2-S2	10/1/2013	Pronamide	44	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-2-S2	10/1/2013	Propionitrile	32	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-2-S2	10/1/2013	Propylene Glycol	6600	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-2-S2	10/1/2013	Pyrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-2-S2	10/1/2013	Pyridine	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-2-S2	10/1/2013	Safrole	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-2-S2	10/1/2013	Selenium	0.176	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-2-S2	10/1/2013	Silver	0.219	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-2-S2	10/1/2013	Styrene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-2-S2	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-2-S2	10/1/2013	Tetraethyl Dithiopyrophosphate	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-2-S2	10/1/2013	Thallium	0.0692	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-2-S2	10/1/2013	Thionazin	87	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-2-S2	10/1/2013	Tin	2.05	MG/KG	J	B		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-2-S2	10/1/2013	Toluene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-2-S2	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-2-S2	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-2-S2	10/1/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-2-S2	10/1/2013	Trichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-2-S2	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-2-S2	10/1/2013	Triethylene Glycol	6600	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-2-S2	10/1/2013	Vanadium	11.5	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-2-S2	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-2-S2	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-2-S2	10/1/2013	Xylenes	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-2-S2	10/1/2013	Zinc	5.14	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-3-S2	10/2/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-3-S2	10/2/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-3-S2	10/2/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-3-S2	10/2/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-3-S2	10/2/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-3-S2	10/2/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-3-S2	10/2/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-3-S2	10/2/2013	1,2,4,5-Tetrachlorobenzene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-3-S2	10/2/2013	1,2,4-Trichlorobenzene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-3-S2	10/2/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-3-S2	10/2/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-3-S2	10/2/2013	1,2-Dichlorobenzene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-3-S2	10/2/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-3-S2	10/2/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-3-S2	10/2/2013	1,2-Diphenylhydrazine	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-3-S2	10/2/2013	1,3,5-Trinitrobenzene	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-3-S2	10/2/2013	1,3-Dichlorobenzene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-3-S2	10/2/2013	1,3-Dinitrobenzene	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-3-S2	10/2/2013	1,4-Dichlorobenzene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-3-S2	10/2/2013	1,4-Dioxane	5.4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-3-S2	10/2/2013	1,4-Naphthoquinone	950	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-3-S2	10/2/2013	1-Naphthylamine	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-3-S2	10/2/2013	2,3,4,6-Tetrachlorophenol	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-3-S2	10/2/2013	2,4,5-Trichlorophenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S2	10/2/2013	2,4,6-Trichlorophenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-3-S2	10/2/2013	2,4-Dichlorophenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-3-S2	10/2/2013	2,4-Dimethylphenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-3-S2	10/2/2013	2,4-Dinitrophenol	340	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-3-S2	10/2/2013	2,4-Dinitrotoluene	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-3-S2	10/2/2013	2,6-Dichlorophenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-3-S2	10/2/2013	2,6-Dinitrotoluene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-3-S2	10/2/2013	2-Acetylaminofluorene	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-3-S2	10/2/2013	2-Chloronaphthalene	8	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-3-S2	10/2/2013	2-Chlorophenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-3-S2	10/2/2013	2-Hexanone	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-3-S2	10/2/2013	2-Methylnaphthalene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-3-S2	10/2/2013	2-Methylphenol (O-Cresol)	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S2	10/2/2013	2-Naphthylamine	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-3-S2	10/2/2013	2-Nitroaniline	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-3-S2	10/2/2013	2-Nitrophenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-3-S2	10/2/2013	2-Picoline	110	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-3-S2	10/2/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-3-S2	10/2/2013	3,3'-Dimethylbenzidine	570	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-3-S2	10/2/2013	3-Methylcholanthrene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-3-S2	10/2/2013	3-Nitroaniline	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-3-S2	10/2/2013	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-3-S2	10/2/2013	4-Aminobiphenyl	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-3-S2	10/2/2013	4-Bromophenyl Phenyl Ether	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-3-S2	10/2/2013	4-Chloro-3-Methylphenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S2	10/2/2013	4-Chloroaniline	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-3-S2	10/2/2013	4-Chlorophenyl Phenyl Ether	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-3-S2	10/2/2013	4-Dimethylaminoazobenzene	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-3-S2	10/2/2013	4-Methylphenol (P-Cresol)	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S2	10/2/2013	4-Nitroaniline	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-3-S2	10/2/2013	4-Nitrophenol	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-3-S2	10/2/2013	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-3-S2	10/2/2013	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-3-S2	10/2/2013	7,12-Dimethylbenz[A]Anthracene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-3-S2	10/2/2013	Acenaphthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-3-S2	10/2/2013	Acenaphthylene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-3-S2	10/2/2013	Acetone	25	UG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-3-S2	10/2/2013	Acetonitrile	24	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-3-S2	10/2/2013	Acetophenone	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-3-S2	10/2/2013	Acrolein	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-3-S2	10/2/2013	Acrylonitrile	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-3-S2	10/2/2013	Allyl Chloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-3-S2	10/2/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-3-S2	10/2/2013	Aniline	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-3-S2	10/2/2013	Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-3-S2	10/2/2013	Antimony	0.839	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-3-S2	10/2/2013	Aramite	76	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-3-S2	10/2/2013	Arsenic	1.68	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-3-S2	10/2/2013	Barium	16.6	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-3-S2	10/2/2013	Benzene	0.5	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-3-S2	10/2/2013	Benzo(A)Anthracene	9	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-3-S2	10/2/2013	Benzo(B)Fluoranthene	16	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-3-S2	10/2/2013	Benzo(G,H,I)Perylene	8	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-3-S2	10/2/2013	Benzo(K)Fluoranthene	8	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-3-S2	10/2/2013	Benzo[A]Pyrene	13	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-3-S2	10/2/2013	Benzyl Alcohol	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S2	10/2/2013	Beryllium	0.0873	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-3-S2	10/2/2013	Biphenyl	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-3-S2	10/2/2013	Bis(2-Chloroethoxy)Methane	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-3-S2	10/2/2013	Bis(2-Chloroethyl)Ether	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-3-S2	10/2/2013	Bis(2-Chloroisopropyl)Ether	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-3-S2	10/2/2013	Bis(2-Ethylhexyl)Phthalate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-3-S2	10/2/2013	Bromodichloromethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-3-S2	10/2/2013	Bromoform	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-3-S2	10/2/2013	Butyl Benzyl Phthalate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-3-S2	10/2/2013	Cadmium	0.0861	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-3-S2	10/2/2013	Carbon Disulfide	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-3-S2	10/2/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-3-S2	10/2/2013	Chlorobenzene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-3-S2	10/2/2013	Chlorobenzilate	38	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-3-S2	10/2/2013	Chlorodibromomethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-3-S2	10/2/2013	Chloroform	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-3-S2	10/2/2013	Chloroprene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-3-S2	10/2/2013	Chromium	9.93	MG/KG				Y	4-5 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-3-S2	10/2/2013	Chrysene	11	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-3-S2	10/2/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-3-S2	10/2/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-3-S2	10/2/2013	Cobalt	0.39	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-3-S2	10/2/2013	Copper	1.39	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-3-S2	10/2/2013	Diallate	38	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-3-S2	10/2/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-3-S2	10/2/2013	Dibenzofuran	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-3-S2	10/2/2013	Dichlorodifluoromethane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-3-S2	10/2/2013	Diethyl Phthalate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-3-S2	10/2/2013	Diethylene Glycol	5800	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-3-S2	10/2/2013	Dimethoate	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-3-S2	10/2/2013	Dimethyl Phthalate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-3-S2	10/2/2013	Di-N-Butyl Phthalate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-3-S2	10/2/2013	Diphenyl Ether	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-3-S2	10/2/2013	Ethyl Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-3-S2	10/2/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-3-S2	10/2/2013	Ethyl Methanesulfonate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-3-S2	10/2/2013	Ethylbenzene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-3-S2	10/2/2013	Ethylene Glycol	5800	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-3-S2	10/2/2013	Fluoranthene	12	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-3-S2	10/2/2013	Fluorene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-3-S2	10/2/2013	Hexachlorobenzene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-3-S2	10/2/2013	Hexachlorobutadiene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-3-S2	10/2/2013	Hexachlorocyclopentadiene	190	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-3-S2	10/2/2013	Hexachloroethane	38	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-3-S2	10/2/2013	Hexachloropropylene	110	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-3-S2	10/2/2013	Indeno (1,2,3-CD) Pyrene	8	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-3-S2	10/2/2013	Iodomethane	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-3-S2	10/2/2013	Isobutyl Alcohol	98	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-3-S2	10/2/2013	Isodrin	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-3-S2	10/2/2013	Isophorone	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-3-S2	10/2/2013	Isosafrole	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-3-S2	10/2/2013	Lead	7.66	MG/KG		J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-3-S2	10/2/2013	Mercury	0.0228	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-3-S2	10/2/2013	Methacrylonitrile	5	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-3-S2	10/2/2013	Methapyrilene	1900	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-3-S2	10/2/2013	Methyl Bromide	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-3-S2	10/2/2013	Methyl Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-3-S2	10/2/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-3-S2	10/2/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-3-S2	10/2/2013	Methyl Methacrylate	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-3-S2	10/2/2013	Methyl Methanesulfonate	38	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-3-S2	10/2/2013	Methylene Bromide	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-3-S2	10/2/2013	Methylene Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-3-S2	10/2/2013	Naphthalene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-3-S2	10/2/2013	N-Dioctyl Phthalate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-3-S2	10/2/2013	Nickel	1.61	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-3-S2	10/2/2013	Nitrobenzene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-3-S2	10/2/2013	N-Nitroso(Methyl)Ethylamine	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-3-S2	10/2/2013	N-Nitrosodiethylamine	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-3-S2	10/2/2013	N-Nitrosodimethylamine	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-3-S2	10/2/2013	N-Nitroso-Di-N-Butylamine	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-3-S2	10/2/2013	N-Nitrosodi-N-Propylamine	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-3-S2	10/2/2013	N-Nitrosodiphenylamine	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-3-S2	10/2/2013	N-Nitrosomorpholine	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-3-S2	10/2/2013	N-Nitrosopiperidine	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-3-S2	10/2/2013	N-Nitrosopyrrolidine	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-3-S2	10/2/2013	O,O,O-Triethylphosphorothioate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-3-S2	10/2/2013	O-Toluidine	230	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-3-S2	10/2/2013	para-Phenylenediamine	13000	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-3-S2	10/2/2013	Pentachlorobenzene	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-3-S2	10/2/2013	Pentachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-3-S2	10/2/2013	Pentachloronitrobenzene	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-3-S2	10/2/2013	Pentachlorophenol	38	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-3-S2	10/2/2013	Phenacetin	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-3-S2	10/2/2013	Phenanthrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-3-S2	10/2/2013	Phenol	19	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-3-S2	10/2/2013	Pronamide	38	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-3-S2	10/2/2013	Propionitrile	29	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-3-S2	10/2/2013	Propylene Glycol	5800	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-3-S2	10/2/2013	Pyrene	12	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-3-S2	10/2/2013	Pyridine	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-3-S2	10/2/2013	Safrole	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-3-S2	10/2/2013	Selenium	0.172	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-3-S2	10/2/2013	Silver	0.193	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-3-S2	10/2/2013	Styrene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-3-S2	10/2/2013	Tetrachloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-3-S2	10/2/2013	Tetraethyl Dithiopyrophosphate	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-3-S2	10/2/2013	Thallium	0.0816	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-3-S2	10/2/2013	Thionazin	76	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-3-S2	10/2/2013	Tin	1.83	MG/KG	J	B		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-3-S2	10/2/2013	Toluene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-3-S2	10/2/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-3-S2	10/2/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-3-S2	10/2/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-3-S2	10/2/2013	Trichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-3-S2	10/2/2013	Trichlorofluoromethane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-3-S2	10/2/2013	Triethylene Glycol	5800	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-3-S2	10/2/2013	Vanadium	12.5	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-3-S2	10/2/2013	Vinyl Acetate	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-3-S2	10/2/2013	Vinyl Chloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-3-S2	10/2/2013	Xylenes	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-3-S2	10/2/2013	Zinc	15.7	MG/KG		J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-4-S2	10/3/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-4-S2	10/3/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-4-S2	10/3/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-4-S2	10/3/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-4-S2	10/3/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-4-S2	10/3/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-4-S2	10/3/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-4-S2	10/3/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-4-S2	10/3/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-4-S2	10/3/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-4-S2	10/3/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-4-S2	10/3/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-4-S2	10/3/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-4-S2	10/3/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-4-S2	10/3/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-4-S2	10/3/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-4-S2	10/3/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-4-S2	10/3/2013	1,3-Dinitrobenzene	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-4-S2	10/3/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-4-S2	10/3/2013	1,4-Dioxane	5.4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-4-S2	10/3/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-4-S2	10/3/2013	1-Naphthylamine	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-4-S2	10/3/2013	2,3,4,6-Tetrachlorophenol	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-4-S2	10/3/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S2	10/3/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-4-S2	10/3/2013	2,4-Dichlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-4-S2	10/3/2013	2,4-Dimethylphenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-4-S2	10/3/2013	2,4-Dinitrophenol	370	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-4-S2	10/3/2013	2,4-Dinitrotoluene	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-4-S2	10/3/2013	2,6-Dichlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-4-S2	10/3/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-4-S2	10/3/2013	2-Acetylaminofluorene	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-4-S2	10/3/2013	2-Chloronaphthalene	9	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-4-S2	10/3/2013	2-Chlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-4-S2	10/3/2013	2-Hexanone	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-4-S2	10/3/2013	2-Methylnaphthalene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-4-S2	10/3/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S2	10/3/2013	2-Naphthylamine	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-4-S2	10/3/2013	2-Nitroaniline	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-4-S2	10/3/2013	2-Nitrophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-4-S2	10/3/2013	2-Picoline	120	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-4-S2	10/3/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-4-S2	10/3/2013	3,3'-Dimethylbenzidine	610	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-4-S2	10/3/2013	3-Methylcholanthrene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-4-S2	10/3/2013	3-Nitroaniline	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-4-S2	10/3/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-4-S2	10/3/2013	4-Aminobiphenyl	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-4-S2	10/3/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-4-S2	10/3/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-4-S2	10/3/2013	4-Chloroaniline	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-4-S2	10/3/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-4-S2	10/3/2013	4-Dimethylaminoazobenzene	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-4-S2	10/3/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S2	10/3/2013	4-Nitroaniline	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-4-S2	10/3/2013	4-Nitrophenol	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-4-S2	10/3/2013	4-Nitroquinoline-N-Oxide	410	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-4-S2	10/3/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-4-S2	10/3/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-4-S2	10/3/2013	Acenaphthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-4-S2	10/3/2013	Acenaphthylene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-4-S2	10/3/2013	Acetone	7	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-4-S2	10/3/2013	Acetonitrile	27	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-4-S2	10/3/2013	Acetophenone	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-4-S2	10/3/2013	Acrolein	21	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-4-S2	10/3/2013	Acrylonitrile	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-4-S2	10/3/2013	Allyl Chloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-4-S2	10/3/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-4-S2	10/3/2013	Aniline	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-4-S2	10/3/2013	Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-4-S2	10/3/2013	Antimony	0.914	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-4-S2	10/3/2013	Aramite	82	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-4-S2	10/3/2013	Barium	46.8	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-4-S2	10/3/2013	Benzene	0.5	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-4-S2	10/3/2013	Benzo(A)Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-4-S2	10/3/2013	Benzo(B)Fluoranthene	6	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-4-S2	10/3/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-4-S2	10/3/2013	Benzo(K)Fluoranthene	4	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-4-S2	10/3/2013	Arsenic	2.74	MG/KG			Y	Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-4-S2	10/3/2013	Benzo[A]Pyrene	7	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-4-S2	10/3/2013	Benzyl Alcohol	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S2	10/3/2013	Beryllium	0.263	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-4-S2	10/3/2013	Biphenyl	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-4-S2	10/3/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-4-S2	10/3/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-4-S2	10/3/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-4-S2	10/3/2013	Bis(2-Ethylhexyl)Phthalate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-4-S2	10/3/2013	Bromodichloromethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-4-S2	10/3/2013	Bromoform	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-4-S2	10/3/2013	Butyl Benzyl Phthalate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-4-S2	10/3/2013	Cadmium	0.283	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-4-S2	10/3/2013	Carbon Disulfide	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-4-S2	10/3/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-4-S2	10/3/2013	Chlorobenzene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-4-S2	10/3/2013	Chlorobenzilate	41	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-4-S2	10/3/2013	Chlorodibromomethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-4-S2	10/3/2013	Chloroform	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-4-S2	10/3/2013	Chloroprene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-4-S2	10/3/2013	Chromium	16.4	MG/KG				Y	4-5 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-4-S2	10/3/2013	Chrysene	5	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-4-S2	10/3/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-4-S2	10/3/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-4-S2	10/3/2013	Cobalt	0.665	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-4-S2	10/3/2013	Copper	1.49	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-4-S2	10/3/2013	Diallate	41	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-4-S2	10/3/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-4-S2	10/3/2013	Dibenzofuran	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-4-S2	10/3/2013	Dichlorodifluoromethane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-4-S2	10/3/2013	Diethyl Phthalate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-4-S2	10/3/2013	Diethylene Glycol	6200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-4-S2	10/3/2013	Dimethoate	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-4-S2	10/3/2013	Dimethyl Phthalate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-4-S2	10/3/2013	Di-N-Butyl Phthalate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-4-S2	10/3/2013	Diphenyl Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-4-S2	10/3/2013	Ethyl Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-4-S2	10/3/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-4-S2	10/3/2013	Ethyl Methanesulfonate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-4-S2	10/3/2013	Ethylbenzene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-4-S2	10/3/2013	Ethylene Glycol	6200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-4-S2	10/3/2013	Fluoranthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-4-S2	10/3/2013	Fluorene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-4-S2	10/3/2013	Hexachlorobenzene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-4-S2	10/3/2013	Hexachlorobutadiene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-4-S2	10/3/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-4-S2	10/3/2013	Hexachloroethane	41	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-4-S2	10/3/2013	Hexachloropropylene	120	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-4-S2	10/3/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-4-S2	10/3/2013	Iodomethane	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-4-S2	10/3/2013	Isobutyl Alcohol	110	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-4-S2	10/3/2013	Isodrin	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-4-S2	10/3/2013	Isophorone	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-4-S2	10/3/2013	Isosafrole	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-4-S2	10/3/2013	Lead	12	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-4-S2	10/3/2013	Mercury	0.0277	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-4-S2	10/3/2013	Methacrylonitrile	5	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-4-S2	10/3/2013	Methapyrilene	2000	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-4-S2	10/3/2013	Methyl Bromide	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-4-S2	10/3/2013	Methyl Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-4-S2	10/3/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-4-S2	10/3/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-4-S2	10/3/2013	Methyl Methacrylate	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-4-S2	10/3/2013	Methyl Methanesulfonate	41	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-4-S2	10/3/2013	Methylene Bromide	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-4-S2	10/3/2013	Methylene Chloride	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-4-S2	10/3/2013	Naphthalene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-4-S2	10/3/2013	N-Dioctyl Phthalate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-4-S2	10/3/2013	Nickel	1.96	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-4-S2	10/3/2013	Nitrobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-4-S2	10/3/2013	N-Nitroso(Methyl)Ethylamine	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-4-S2	10/3/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-4-S2	10/3/2013	N-Nitrosodimethylamine	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-4-S2	10/3/2013	N-Nitroso-Di-N-Butylamine	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-4-S2	10/3/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-4-S2	10/3/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-4-S2	10/3/2013	N-Nitrosomorpholine	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-4-S2	10/3/2013	N-Nitrosopiperidine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-4-S2	10/3/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-4-S2	10/3/2013	O,O,O-Triethylphosphorothioate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-4-S2	10/3/2013	O-Toluidine	250	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-4-S2	10/3/2013	para-Phenylenediamine	14000	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-4-S2	10/3/2013	Pentachlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-4-S2	10/3/2013	Pentachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-4-S2	10/3/2013	Pentachloronitrobenzene	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-4-S2	10/3/2013	Pentachlorophenol	41	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-4-S2	10/3/2013	Phenacetin	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-4-S2	10/3/2013	Phenanthrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-4-S2	10/3/2013	Phenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-4-S2	10/3/2013	Pronamide	41	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-4-S2	10/3/2013	Propionitrile	32	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-4-S2	10/3/2013	Propylene Glycol	6200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-4-S2	10/3/2013	Pyrene	4	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-4-S2	10/3/2013	Pyridine	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-4-S2	10/3/2013	Safrole	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-4-S2	10/3/2013	Selenium	0.377	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-4-S2	10/3/2013	Silver	0.21	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-4-S2	10/3/2013	Styrene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-4-S2	10/3/2013	Tetrachloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-4-S2	10/3/2013	Tetraethyl Dithiopyrophosphate	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-4-S2	10/3/2013	Thallium	0.185	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-4-S2	10/3/2013	Thionazin	82	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-4-S2	10/3/2013	Tin	2.08	MG/KG	J	B		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-4-S2	10/3/2013	Toluene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-4-S2	10/3/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-4-S2	10/3/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-4-S2	10/3/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-4-S2	10/3/2013	Trichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-4-S2	10/3/2013	Trichlorofluoromethane	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-4-S2	10/3/2013	Triethylene Glycol	6200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-4-S2	10/3/2013	Vanadium	19.9	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-4-S2	10/3/2013	Vinyl Acetate	2	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-4-S2	10/3/2013	Vinyl Chloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-4-S2	10/3/2013	Xylenes	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-4-S2	10/3/2013	Zinc	7.11	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-5-S2	10/3/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-5-S2	10/3/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-5-S2	10/3/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-5-S2	10/3/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-5-S2	10/3/2013	1,1-Dichloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-5-S2	10/3/2013	1,1-Dichloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-5-S2	10/3/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-5-S2	10/3/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-5-S2	10/3/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-5-S2	10/3/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-5-S2	10/3/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-5-S2	10/3/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-5-S2	10/3/2013	1,2-Dichloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-5-S2	10/3/2013	1,2-Dichloropropane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-5-S2	10/3/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-5-S2	10/3/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-5-S2	10/3/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-5-S2	10/3/2013	1,3-Dinitrobenzene	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-5-S2	10/3/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-5-S2	10/3/2013	1,4-Dioxane	5.4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-5-S2	10/3/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-5-S2	10/3/2013	1-Naphthylamine	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-5-S2	10/3/2013	2,3,4,6-Tetrachlorophenol	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-5-S2	10/3/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S2	10/3/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-5-S2	10/3/2013	2,4-Dichlorophenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-5-S2	10/3/2013	2,4-Dimethylphenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-5-S2	10/3/2013	2,4-Dinitrophenol	360	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-5-S2	10/3/2013	2,4-Dinitrotoluene	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-5-S2	10/3/2013	2,6-Dichlorophenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-5-S2	10/3/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-5-S2	10/3/2013	2-Acetylaminofluorene	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-5-S2	10/3/2013	2-Chloronaphthalene	8	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-5-S2	10/3/2013	2-Chlorophenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-5-S2	10/3/2013	2-Hexanone	3	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-5-S2	10/3/2013	2-Methylnaphthalene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-5-S2	10/3/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S2	10/3/2013	2-Naphthylamine	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-5-S2	10/3/2013	2-Nitroaniline	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-5-S2	10/3/2013	2-Nitrophenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-5-S2	10/3/2013	2-Picoline	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-5-S2	10/3/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-5-S2	10/3/2013	3,3'-Dimethylbenzidine	600	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-5-S2	10/3/2013	3-Methylcholanthrene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-5-S2	10/3/2013	3-Nitroaniline	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-5-S2	10/3/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-5-S2	10/3/2013	4-Aminobiphenyl	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-5-S2	10/3/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-5-S2	10/3/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S2	10/3/2013	4-Chloroaniline	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-5-S2	10/3/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-5-S2	10/3/2013	4-Dimethylaminoazobenzene	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-5-S2	10/3/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S2	10/3/2013	4-Nitroaniline	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-5-S2	10/3/2013	4-Nitrophenol	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-5-S2	10/3/2013	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-5-S2	10/3/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-5-S2	10/3/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-5-S2	10/3/2013	Acenaphthene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-5-S2	10/3/2013	Acenaphthylene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-5-S2	10/3/2013	Acetone	7	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-5-S2	10/3/2013	Acetonitrile	26	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-5-S2	10/3/2013	Acetophenone	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-5-S2	10/3/2013	Acrolein	21	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-5-S2	10/3/2013	Acrylonitrile	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-5-S2	10/3/2013	Allyl Chloride	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-5-S2	10/3/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-5-S2	10/3/2013	Aniline	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-5-S2	10/3/2013	Anthracene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-5-S2	10/3/2013	Antimony	0.896	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-5-S2	10/3/2013	Aramite	80	UG/KG	U	UJ		N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-5-S2	10/3/2013	Arsenic	1.1	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-5-S2	10/3/2013	Barium	69	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-5-S2	10/3/2013	Benzene	0.5	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-5-S2	10/3/2013	Benzo(A)Anthracene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-5-S2	10/3/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-5-S2	10/3/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-5-S2	10/3/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-5-S2	10/3/2013	Benzo[A]Pyrene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-5-S2	10/3/2013	Benzyl Alcohol	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S2	10/3/2013	Beryllium	0.27	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-5-S2	10/3/2013	Biphenyl	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-5-S2	10/3/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-5-S2	10/3/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-5-S2	10/3/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-5-S2	10/3/2013	Bis(2-Ethylhexyl)Phthalate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-5-S2	10/3/2013	Bromodichloromethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-5-S2	10/3/2013	Bromoform	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-5-S2	10/3/2013	Butyl Benzyl Phthalate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-5-S2	10/3/2013	Cadmium	0.092	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-5-S2	10/3/2013	Carbon Disulfide	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-5-S2	10/3/2013	Carbon Tetrachloride	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-5-S2	10/3/2013	Chlorobenzene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-5-S2	10/3/2013	Chlorobenzilate	40	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-5-S2	10/3/2013	Chlorodibromomethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-5-S2	10/3/2013	Chloroform	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-5-S2	10/3/2013	Chloroprene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-5-S2	10/3/2013	Chromium	19.1	MG/KG				Y	6-8 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-5-S2	10/3/2013	Chrysene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-5-S2	10/3/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-5-S2	10/3/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-5-S2	10/3/2013	Cobalt	1.14	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-5-S2	10/3/2013	Copper	1.13	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-5-S2	10/3/2013	Diallate	40	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-5-S2	10/3/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-5-S2	10/3/2013	Dibenzofuran	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-5-S2	10/3/2013	Dichlorodifluoromethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-5-S2	10/3/2013	Diethyl Phthalate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-5-S2	10/3/2013	Diethylene Glycol	6100	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-5-S2	10/3/2013	Dimethoate	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-5-S2	10/3/2013	Dimethyl Phthalate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-5-S2	10/3/2013	Di-N-Butyl Phthalate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-5-S2	10/3/2013	Diphenyl Ether	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-5-S2	10/3/2013	Ethyl Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-5-S2	10/3/2013	Ethyl Methacrylate	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-5-S2	10/3/2013	Ethyl Methanesulfonate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-5-S2	10/3/2013	Ethylbenzene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-5-S2	10/3/2013	Ethylene Glycol	6100	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-5-S2	10/3/2013	Fluoranthene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-5-S2	10/3/2013	Fluorene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-5-S2	10/3/2013	Hexachlorobenzene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-5-S2	10/3/2013	Hexachlorobutadiene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-5-S2	10/3/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-5-S2	10/3/2013	Hexachloroethane	40	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-5-S2	10/3/2013	Hexachloropropylene	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-5-S2	10/3/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-5-S2	10/3/2013	Iodomethane	3	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-5-S2	10/3/2013	Isobutyl Alcohol	100	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-5-S2	10/3/2013	Isodrin	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-5-S2	10/3/2013	Isophorone	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-5-S2	10/3/2013	Isosafrole	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-5-S2	10/3/2013	Lead	16.7	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-5-S2	10/3/2013	Mercury	0.0236	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-5-S2	10/3/2013	Methacrylonitrile	5	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-5-S2	10/3/2013	Methapyrilene	2000	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-5-S2	10/3/2013	Methyl Bromide	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-5-S2	10/3/2013	Methyl Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-5-S2	10/3/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-5-S2	10/3/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-5-S2	10/3/2013	Methyl Methacrylate	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-5-S2	10/3/2013	Methyl Methanesulfonate	40	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-5-S2	10/3/2013	Methylene Bromide	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-5-S2	10/3/2013	Methylene Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-5-S2	10/3/2013	Naphthalene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-5-S2	10/3/2013	N-Dioctyl Phthalate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-5-S2	10/3/2013	Nickel	3.5	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-5-S2	10/3/2013	Nitrobenzene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-5-S2	10/3/2013	N-Nitroso(Methyl)Ethylamine	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-5-S2	10/3/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-5-S2	10/3/2013	N-Nitrosodimethylamine	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-5-S2	10/3/2013	N-Nitroso-Di-N-Butylamine	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-5-S2	10/3/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-5-S2	10/3/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-5-S2	10/3/2013	N-Nitrosomorpholine	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-5-S2	10/3/2013	N-Nitrosopiperidine	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-5-S2	10/3/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-5-S2	10/3/2013	O,O,O-Triethylphosphorothioate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-5-S2	10/3/2013	O-Toluidine	240	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-5-S2	10/3/2013	para-Phenylenediamine	14000	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-5-S2	10/3/2013	Pentachlorobenzene	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-5-S2	10/3/2013	Pentachloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-5-S2	10/3/2013	Pentachloronitrobenzene	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-5-S2	10/3/2013	Pentachlorophenol	40	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-5-S2	10/3/2013	Phenacetin	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-5-S2	10/3/2013	Phenanthrene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-5-S2	10/3/2013	Phenol	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-5-S2	10/3/2013	Pronamide	40	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-5-S2	10/3/2013	Propionitrile	31	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-5-S2	10/3/2013	Propylene Glycol	6100	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-5-S2	10/3/2013	Pyrene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-5-S2	10/3/2013	Pyridine	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-5-S2	10/3/2013	Safrole	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-5-S2	10/3/2013	Selenium	0.141	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-5-S2	10/3/2013	Silver	0.206	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-5-S2	10/3/2013	Styrene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-5-S2	10/3/2013	Tetrachloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-5-S2	10/3/2013	Tetraethyl Dithiopyrophosphate	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-5-S2	10/3/2013	Thallium	0.109	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-5-S2	10/3/2013	Thionazin	80	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-5-S2	10/3/2013	Tin	1.74	MG/KG	J	B		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-5-S2	10/3/2013	Toluene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-5-S2	10/3/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-5-S2	10/3/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-5-S2	10/3/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-5-S2	10/3/2013	Trichloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-5-S2	10/3/2013	Trichlorofluoromethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-5-S2	10/3/2013	Triethylene Glycol	6100	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-5-S2	10/3/2013	Vanadium	18.8	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-5-S2	10/3/2013	Vinyl Acetate	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-5-S2	10/3/2013	Vinyl Chloride	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-5-S2	10/3/2013	Xylenes	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-5-S2	10/3/2013	Zinc	11	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-6-S2	10/3/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-6-S2	10/3/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-6-S2	10/3/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-6-S2	10/3/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-6-S2	10/3/2013	1,1-Dichloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-6-S2	10/3/2013	1,1-Dichloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-6-S2	10/3/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-6-S2	10/3/2013	1,2,4,5-Tetrachlorobenzene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-6-S2	10/3/2013	1,2,4-Trichlorobenzene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-6-S2	10/3/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-6-S2	10/3/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-6-S2	10/3/2013	1,2-Dichlorobenzene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-6-S2	10/3/2013	1,2-Dichloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-6-S2	10/3/2013	1,2-Dichloropropane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-6-S2	10/3/2013	1,2-Diphenylhydrazine	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-6-S2	10/3/2013	1,3,5-Trinitrobenzene	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-6-S2	10/3/2013	1,3-Dichlorobenzene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-6-S2	10/3/2013	1,3-Dinitrobenzene	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-6-S2	10/3/2013	1,4-Dichlorobenzene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-6-S2	10/3/2013	1,4-Dioxane	4.9	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-6-S2	10/3/2013	1,4-Naphthoquinone	960	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-6-S2	10/3/2013	1-Naphthylamine	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-6-S2	10/3/2013	2,3,4,6-Tetrachlorophenol	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-6-S2	10/3/2013	2,4,5-Trichlorophenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S2	10/3/2013	2,4,6-Trichlorophenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-6-S2	10/3/2013	2,4-Dichlorophenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-6-S2	10/3/2013	2,4-Dimethylphenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-6-S2	10/3/2013	2,4-Dinitrophenol	350	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-6-S2	10/3/2013	2,4-Dinitrotoluene	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-6-S2	10/3/2013	2,6-Dichlorophenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-6-S2	10/3/2013	2,6-Dinitrotoluene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-6-S2	10/3/2013	2-Acetylaminofluorene	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-6-S2	10/3/2013	2-Chloronaphthalene	8	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU13-TW-6-S2	10/3/2013	2-Chlorophenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-6-S2	10/3/2013	2-Hexanone	3	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-6-S2	10/3/2013	2-Methylnaphthalene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-6-S2	10/3/2013	2-Methylphenol (O-Cresol)	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S2	10/3/2013	2-Naphthylamine	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-6-S2	10/3/2013	2-Nitroaniline	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-6-S2	10/3/2013	2-Nitrophenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-6-S2	10/3/2013	2-Picoline	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-6-S2	10/3/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-6-S2	10/3/2013	3,3'-Dimethylbenzidine	580	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-6-S2	10/3/2013	3-Methylcholanthrene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-6-S2	10/3/2013	3-Nitroaniline	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-6-S2	10/3/2013	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-6-S2	10/3/2013	4-Aminobiphenyl	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-6-S2	10/3/2013	4-Bromophenyl Phenyl Ether	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-6-S2	10/3/2013	4-Chloro-3-Methylphenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S2	10/3/2013	4-Chloroaniline	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-6-S2	10/3/2013	4-Chlorophenyl Phenyl Ether	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-6-S2	10/3/2013	4-Dimethylaminoazobenzene	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-6-S2	10/3/2013	4-Methylphenol (P-Cresol)	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S2	10/3/2013	4-Nitroaniline	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-6-S2	10/3/2013	4-Nitrophenol	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-6-S2	10/3/2013	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-6-S2	10/3/2013	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-6-S2	10/3/2013	7,12-Dimethylbenz[A]Anthracene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-6-S2	10/3/2013	Acenaphthene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-6-S2	10/3/2013	Acenaphthylene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-6-S2	10/3/2013	Acetone	7	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-6-S2	10/3/2013	Acetonitrile	25	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-6-S2	10/3/2013	Acetophenone	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-6-S2	10/3/2013	Acrolein	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-6-S2	10/3/2013	Acrylonitrile	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-6-S2	10/3/2013	Allyl Chloride	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-6-S2	10/3/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-6-S2	10/3/2013	Aniline	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-6-S2	10/3/2013	Anthracene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-6-S2	10/3/2013	Antimony	0.846	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-6-S2	10/3/2013	Aramite	77	UG/KG	U	UJ		N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-6-S2	10/3/2013	Arsenic	0.877	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-6-S2	10/3/2013	Barium	10.1	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-6-S2	10/3/2013	Benzene	0.5	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-6-S2	10/3/2013	Benzo(A)Anthracene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-6-S2	10/3/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-6-S2	10/3/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-6-S2	10/3/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-6-S2	10/3/2013	Benzo[A]Pyrene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-6-S2	10/3/2013	Benzyl Alcohol	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S2	10/3/2013	Beryllium	0.0766	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-6-S2	10/3/2013	Biphenyl	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-6-S2	10/3/2013	Bis(2-Chloroethoxy)Methane	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-6-S2	10/3/2013	Bis(2-Chloroethyl)Ether	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-6-S2	10/3/2013	Bis(2-Chloroisopropyl)Ether	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-6-S2	10/3/2013	Bis(2-Ethylhexyl)Phthalate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-6-S2	10/3/2013	Bromodichloromethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-6-S2	10/3/2013	Bromoform	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-6-S2	10/3/2013	Butyl Benzyl Phthalate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU13-TW-6-S2	10/3/2013	Cadmium	0.0869	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-6-S2	10/3/2013	Carbon Disulfide	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-6-S2	10/3/2013	Carbon Tetrachloride	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-6-S2	10/3/2013	Chlorobenzene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-6-S2	10/3/2013	Chlorobenzilate	38	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-6-S2	10/3/2013	Chlorodibromomethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-6-S2	10/3/2013	Chloroform	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-6-S2	10/3/2013	Chloroprene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-6-S2	10/3/2013	Chromium	11.6	MG/KG				Y	6-8 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-6-S2	10/3/2013	Chrysene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-6-S2	10/3/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-6-S2	10/3/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-6-S2	10/3/2013	Cobalt	0.335	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-6-S2	10/3/2013	Copper	0.567	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-6-S2	10/3/2013	Diallate	38	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-6-S2	10/3/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-6-S2	10/3/2013	Dibenzofuran	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-6-S2	10/3/2013	Dichlorodifluoromethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-6-S2	10/3/2013	Diethyl Phthalate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-6-S2	10/3/2013	Diethylene Glycol	5800	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-6-S2	10/3/2013	Dimethoate	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-6-S2	10/3/2013	Dimethyl Phthalate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-6-S2	10/3/2013	Di-N-Butyl Phthalate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-6-S2	10/3/2013	Diphenyl Ether	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-6-S2	10/3/2013	Ethyl Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-6-S2	10/3/2013	Ethyl Methacrylate	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-6-S2	10/3/2013	Ethyl Methanesulfonate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-6-S2	10/3/2013	Ethylbenzene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-6-S2	10/3/2013	Ethylene Glycol	5800	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-6-S2	10/3/2013	Fluoranthene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-6-S2	10/3/2013	Fluorene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-6-S2	10/3/2013	Hexachlorobenzene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-6-S2	10/3/2013	Hexachlorobutadiene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-6-S2	10/3/2013	Hexachlorocyclopentadiene	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-6-S2	10/3/2013	Hexachloroethane	38	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-6-S2	10/3/2013	Hexachloropropylene	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-6-S2	10/3/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-6-S2	10/3/2013	Iodomethane	3	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-6-S2	10/3/2013	Isobutyl Alcohol	100	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-6-S2	10/3/2013	Isodrin	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-6-S2	10/3/2013	Isophorone	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-6-S2	10/3/2013	Isosafrole	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-6-S2	10/3/2013	Lead	7.09	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-6-S2	10/3/2013	Mercury	0.0219	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-6-S2	10/3/2013	Methacrylonitrile	5	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-6-S2	10/3/2013	Methapyrilene	1900	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-6-S2	10/3/2013	Methyl Bromide	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-6-S2	10/3/2013	Methyl Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-6-S2	10/3/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-6-S2	10/3/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-6-S2	10/3/2013	Methyl Methacrylate	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-6-S2	10/3/2013	Methyl Methanesulfonate	38	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-6-S2	10/3/2013	Methylene Bromide	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-6-S2	10/3/2013	Methylene Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-6-S2	10/3/2013	Naphthalene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-6-S2	10/3/2013	N-Dioctyl Phthalate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-6-S2	10/3/2013	Nickel	1.3	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-6-S2	10/3/2013	Nitrobenzene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-6-S2	10/3/2013	N-Nitroso(Methyl)Ethylamine	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-6-S2	10/3/2013	N-Nitrosodiethylamine	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-6-S2	10/3/2013	N-Nitrosodimethylamine	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-6-S2	10/3/2013	N-Nitroso-Di-N-Butylamine	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-6-S2	10/3/2013	N-Nitrosodi-N-Propylamine	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-6-S2	10/3/2013	N-Nitrosodiphenylamine	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-6-S2	10/3/2013	N-Nitrosomorpholine	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-6-S2	10/3/2013	N-Nitrosopiperidine	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-6-S2	10/3/2013	N-Nitrosopyrrolidine	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-6-S2	10/3/2013	O,O,O-Triethylphosphorothioate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-6-S2	10/3/2013	O-Toluidine	230	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-6-S2	10/3/2013	para-Phenylenediamine	13000	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-6-S2	10/3/2013	Pentachlorobenzene	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-6-S2	10/3/2013	Pentachloroethane	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-6-S2	10/3/2013	Pentachloronitrobenzene	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-6-S2	10/3/2013	Pentachlorophenol	38	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-6-S2	10/3/2013	Phenacetin	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-6-S2	10/3/2013	Phenanthrene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-6-S2	10/3/2013	Phenol	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-6-S2	10/3/2013	Pronamide	38	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-6-S2	10/3/2013	Propionitrile	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-6-S2	10/3/2013	Propylene Glycol	5800	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-6-S2	10/3/2013	Pyrene	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-6-S2	10/3/2013	Pyridine	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-6-S2	10/3/2013	Safrole	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-6-S2	10/3/2013	Selenium	0.114	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-6-S2	10/3/2013	Silver	0.194	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-6-S2	10/3/2013	Styrene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-6-S2	10/3/2013	Tetrachloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-6-S2	10/3/2013	Tetraethyl Dithiopyrophosphate	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-6-S2	10/3/2013	Thallium	0.0729	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-6-S2	10/3/2013	Thionazin	77	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-6-S2	10/3/2013	Tin	2	MG/KG	J	B		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-6-S2	10/3/2013	Toluene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-6-S2	10/3/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-6-S2	10/3/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-6-S2	10/3/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-6-S2	10/3/2013	Trichloroethene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-6-S2	10/3/2013	Trichlorofluoromethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-6-S2	10/3/2013	Triethylene Glycol	5800	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-6-S2	10/3/2013	Vanadium	16.7	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-6-S2	10/3/2013	Vinyl Acetate	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-6-S2	10/3/2013	Vinyl Chloride	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-6-S2	10/3/2013	Xylenes	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-6-S2	10/3/2013	Zinc	3.54	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU13-TW-7-S2	10/3/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU13-TW-7-S2	10/3/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU13-TW-7-S2	10/3/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU13-TW-7-S2	10/3/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-7-S2	10/3/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-7-S2	10/3/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU13-TW-7-S2	10/3/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU13-TW-7-S2	10/3/2013	1,2,4,5-Tetrachlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-7-S2	10/3/2013	1,2,4-Trichlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU13-TW-7-S2	10/3/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU13-TW-7-S2	10/3/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU13-TW-7-S2	10/3/2013	1,2-Dichlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU13-TW-7-S2	10/3/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-7-S2	10/3/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU13-TW-7-S2	10/3/2013	1,2-Diphenylhydrazine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-7-S2	10/3/2013	1,3,5-Trinitrobenzene	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU13-TW-7-S2	10/3/2013	1,3-Dichlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-7-S2	10/3/2013	1,3-Dinitrobenzene	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-7-S2	10/3/2013	1,4-Dichlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU13-TW-7-S2	10/3/2013	1,4-Dioxane	4.8	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-7-S2	10/3/2013	1,4-Naphthoquinone	950	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU13-TW-7-S2	10/3/2013	1-Naphthylamine	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-7-S2	10/3/2013	2,3,4,6-Tetrachlorophenol	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU13-TW-7-S2	10/3/2013	2,4,5-Trichlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S2	10/3/2013	2,4,6-Trichlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-7-S2	10/3/2013	2,4-Dichlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-7-S2	10/3/2013	2,4-Dimethylphenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-7-S2	10/3/2013	2,4-Dinitrophenol	340	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU13-TW-7-S2	10/3/2013	2,4-Dinitrotoluene	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU13-TW-7-S2	10/3/2013	2,6-Dichlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU13-TW-7-S2	10/3/2013	2,6-Dinitrotoluene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-7-S2	10/3/2013	2-Acetylaminofluorene	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU13-TW-7-S2	10/3/2013	2-Chloronaphthalene	8	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-7-S2	10/3/2013	2-Chlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-7-S2	10/3/2013	2-Hexanone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-7-S2	10/3/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU13-TW-7-S2	10/3/2013	2-Methylphenol (O-Cresol)	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S2	10/3/2013	2-Naphthylamine	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU13-TW-7-S2	10/3/2013	2-Nitroaniline	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU13-TW-7-S2	10/3/2013	2-Nitrophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU13-TW-7-S2	10/3/2013	2-Picoline	110	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-7-S2	10/3/2013	3,3'-Dichlorobenzidine	110	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU13-TW-7-S2	10/3/2013	3,3'-Dimethylbenzidine	570	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU13-TW-7-S2	10/3/2013	3-Methylcholanthrene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-7-S2	10/3/2013	3-Nitroaniline	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-7-S2	10/3/2013	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU13-TW-7-S2	10/3/2013	4-Aminobiphenyl	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU13-TW-7-S2	10/3/2013	4-Bromophenyl Phenyl Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU13-TW-7-S2	10/3/2013	4-Chloro-3-Methylphenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S2	10/3/2013	4-Chloroaniline	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU13-TW-7-S2	10/3/2013	4-Chlorophenyl Phenyl Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-7-S2	10/3/2013	4-Dimethylaminoazobenzene	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU13-TW-7-S2	10/3/2013	4-Methylphenol (P-Cresol)	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S2	10/3/2013	4-Nitroaniline	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU13-TW-7-S2	10/3/2013	4-Nitrophenol	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-7-S2	10/3/2013	4-Nitroquinoline-N-Oxide	380	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU13-TW-7-S2	10/3/2013	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU13-TW-7-S2	10/3/2013	7,12-Dimethylbenz[A]Anthracene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU13-TW-7-S2	10/3/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU13-TW-7-S2	10/3/2013	Acenaphthylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU13-TW-7-S2	10/3/2013	Acetone	40	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-7-S2	10/3/2013	Acetonitrile	24	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-7-S2	10/3/2013	Acetophenone	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU13-TW-7-S2	10/3/2013	Acrolein	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU13-TW-7-S2	10/3/2013	Acrylonitrile	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU13-TW-7-S2	10/3/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-7-S2	10/3/2013	Alpha,Alpha-Dimethylphenethylamine	110	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU13-TW-7-S2	10/3/2013	Aniline	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU13-TW-7-S2	10/3/2013	Anthracene	4	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-7-S2	10/3/2013	Antimony	0.835	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU13-TW-7-S2	10/3/2013	Aramite	76	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU13-TW-7-S2	10/3/2013	Arsenic	2.08	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU13-TW-7-S2	10/3/2013	Barium	17.6	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU13-TW-7-S2	10/3/2013	Benzene	0.5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU13-TW-7-S2	10/3/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-7-S2	10/3/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-7-S2	10/3/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU13-TW-7-S2	10/3/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU13-TW-7-S2	10/3/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-7-S2	10/3/2013	Benzyl Alcohol	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S2	10/3/2013	Beryllium	0.104	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU13-TW-7-S2	10/3/2013	Biphenyl	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-7-S2	10/3/2013	Bis(2-Chloroethoxy)Methane	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU13-TW-7-S2	10/3/2013	Bis(2-Chloroethyl)Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-7-S2	10/3/2013	Bis(2-Chloroisopropyl)Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU13-TW-7-S2	10/3/2013	Bis(2-Ethylhexyl)Phthalate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU13-TW-7-S2	10/3/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU13-TW-7-S2	10/3/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU13-TW-7-S2	10/3/2013	Butyl Benzyl Phthalate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-7-S2	10/3/2013	Cadmium	0.0858	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU13-TW-7-S2	10/3/2013	Carbon Disulfide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-7-S2	10/3/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU13-TW-7-S2	10/3/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU13-TW-7-S2	10/3/2013	Chlorobenzilate	38	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU13-TW-7-S2	10/3/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU13-TW-7-S2	10/3/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU13-TW-7-S2	10/3/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU13-TW-7-S2	10/3/2013	Chromium	10.4	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU13-TW-7-S2	10/3/2013	Chrysene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU13-TW-7-S2	10/3/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU13-TW-7-S2	10/3/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-7-S2	10/3/2013	Cobalt	0.529	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU13-TW-7-S2	10/3/2013	Copper	1.9	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU13-TW-7-S2	10/3/2013	Diallate	38	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-7-S2	10/3/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU13-TW-7-S2	10/3/2013	Dibenzofuran	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU13-TW-7-S2	10/3/2013	Dichlorodifluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU13-TW-7-S2	10/3/2013	Diethyl Phthalate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU13-TW-7-S2	10/3/2013	Diethylene Glycol	5700	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-7-S2	10/3/2013	Dimethoate	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-7-S2	10/3/2013	Dimethyl Phthalate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU13-TW-7-S2	10/3/2013	Di-N-Butyl Phthalate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU13-TW-7-S2	10/3/2013	Diphenyl Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU13-TW-7-S2	10/3/2013	Ethyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU13-TW-7-S2	10/3/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU13-TW-7-S2	10/3/2013	Ethyl Methanesulfonate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-7-S2	10/3/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU13-TW-7-S2	10/3/2013	Ethylene Glycol	5700	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-7-S2	10/3/2013	Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-7-S2	10/3/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU13-TW-7-S2	10/3/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU13-TW-7-S2	10/3/2013	Hexachlorobutadiene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-7-S2	10/3/2013	Hexachlorocyclopentadiene	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU13-TW-7-S2	10/3/2013	Hexachloroethane	38	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU13-TW-7-S2	10/3/2013	Hexachloropropylene	110	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU13-TW-7-S2	10/3/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU13-TW-7-S2	10/3/2013	Iodomethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-7-S2	10/3/2013	Isobutyl Alcohol	97	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-7-S2	10/3/2013	Isodrin	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU13-TW-7-S2	10/3/2013	Isophorone	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU13-TW-7-S2	10/3/2013	Isosafrole	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-7-S2	10/3/2013	Lead	11.4	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU13-TW-7-S2	10/3/2013	Mercury	0.0526	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU13-TW-7-S2	10/3/2013	Methacrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-7-S2	10/3/2013	Methapyrilene	1900	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU13-TW-7-S2	10/3/2013	Methyl Bromide	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU13-TW-7-S2	10/3/2013	Methyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU13-TW-7-S2	10/3/2013	Methyl Ethyl Ketone	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU13-TW-7-S2	10/3/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU13-TW-7-S2	10/3/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU13-TW-7-S2	10/3/2013	Methyl Methanesulfonate	38	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU13-TW-7-S2	10/3/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU13-TW-7-S2	10/3/2013	Methylene Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU13-TW-7-S2	10/3/2013	Naphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU13-TW-7-S2	10/3/2013	N-Dioctyl Phthalate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU13-TW-7-S2	10/3/2013	Nickel	2.13	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU13-TW-7-S2	10/3/2013	Nitrobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU13-TW-7-S2	10/3/2013	N-Nitroso(Methyl)Ethylamine	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU13-TW-7-S2	10/3/2013	N-Nitrosodiethylamine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU13-TW-7-S2	10/3/2013	N-Nitrosodimethylamine	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU13-TW-7-S2	10/3/2013	N-Nitroso-Di-N-Butylamine	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU13-TW-7-S2	10/3/2013	N-Nitrosodi-N-Propylamine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU13-TW-7-S2	10/3/2013	N-Nitrosodiphenylamine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU13-TW-7-S2	10/3/2013	N-Nitrosomorpholine	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU13-TW-7-S2	10/3/2013	N-Nitrosopiperidine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU13-TW-7-S2	10/3/2013	N-Nitrosopyrrolidine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU13-TW-7-S2	10/3/2013	O,O,O-Triethylphosphorothioate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU13-TW-7-S2	10/3/2013	O-Toluidine	230	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU13-TW-7-S2	10/3/2013	para-Phenylenediamine	13000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU13-TW-7-S2	10/3/2013	Pentachlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU13-TW-7-S2	10/3/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU13-TW-7-S2	10/3/2013	Pentachloronitrobenzene	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU13-TW-7-S2	10/3/2013	Pentachlorophenol	38	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU13-TW-7-S2	10/3/2013	Phenacetin	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU13-TW-7-S2	10/3/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU13-TW-7-S2	10/3/2013	Phenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU13-TW-7-S2	10/3/2013	Pronamide	38	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU13-TW-7-S2	10/3/2013	Propionitrile	29	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU13-TW-7-S2	10/3/2013	Propylene Glycol	5700	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU13-TW-7-S2	10/3/2013	Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU13-TW-7-S2	10/3/2013	Pyridine	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU13-TW-7-S2	10/3/2013	Safrole	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU13-TW-7-S2	10/3/2013	Selenium	0.238	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-7-S2	10/3/2013	Silver	0.192	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-7-S2	10/3/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU13-TW-7-S2	10/3/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU13-TW-7-S2	10/3/2013	Tetraethyl Dithiopyrophosphate	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU13-TW-7-S2	10/3/2013	Thallium	0.121	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU13-TW-7-S2	10/3/2013	Thionazin	76	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU13-TW-7-S2	10/3/2013	Tin	1.75	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU13-TW-7-S2	10/3/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-7-S2	10/3/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU13-TW-7-S2	10/3/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU13-TW-7-S2	10/3/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU13-TW-7-S2	10/3/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU13-TW-7-S2	10/3/2013	Trichlorofluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU13-TW-7-S2	10/3/2013	Triethylene Glycol	5700	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU13-TW-7-S2	10/3/2013	Vanadium	17.6	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU13-TW-7-S2	10/3/2013	Vinyl Acetate	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU13-TW-7-S2	10/3/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU13-TW-7-S2	10/3/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU13-TW-7-S2	10/3/2013	Zinc	12.9	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-1-S2	10/4/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-1-S2	10/4/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-1-S2	10/4/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-1-S2	10/4/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-1-S2	10/4/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S2	10/4/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-1-S2	10/4/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-1-S2	10/4/2013	1,2,4,5-Tetrachlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-1-S2	10/4/2013	1,2,4-Trichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S2	10/4/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-1-S2	10/4/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-1-S2	10/4/2013	1,2-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-1-S2	10/4/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S2	10/4/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-1-S2	10/4/2013	1,2-Diphenylhydrazine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S2	10/4/2013	1,3,5-Trinitrobenzene	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-1-S2	10/4/2013	1,3-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S2	10/4/2013	1,3-Dinitrobenzene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-1-S2	10/4/2013	1,4-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-1-S2	10/4/2013	1,4-Dioxane	5.8	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S2	10/4/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-1-S2	10/4/2013	1-Naphthylamine	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-1-S2	10/4/2013	2,3,4,6-Tetrachlorophenol	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-1-S2	10/4/2013	2,4,5-Trichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S2	10/4/2013	2,4,6-Trichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-1-S2	10/4/2013	2,4-Dichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-1-S2	10/4/2013	2,4-Dimethylphenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-1-S2	10/4/2013	2,4-Dinitrophenol	400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-1-S2	10/4/2013	2,4-Dinitrotoluene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-1-S2	10/4/2013	2,6-Dichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-1-S2	10/4/2013	2,6-Dinitrotoluene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S2	10/4/2013	2-Acetylaminofluorene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-1-S2	10/4/2013	2-Chloronaphthalene	9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-1-S2	10/4/2013	2-Chlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-1-S2	10/4/2013	2-Hexanone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-1-S2	10/4/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-1-S2	10/4/2013	2-Methylphenol (O-Cresol)	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S2	10/4/2013	2-Naphthylamine	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-1-S2	10/4/2013	2-Nitroaniline	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-1-S2	10/4/2013	2-Nitrophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-1-S2	10/4/2013	2-Picoline	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-1-S2	10/4/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-1-S2	10/4/2013	3,3'-Dimethylbenzidine	660	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-1-S2	10/4/2013	3-Methylcholanthrene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-1-S2	10/4/2013	3-Nitroaniline	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-1-S2	10/4/2013	4,6-Dinitro-2-Methylphenol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-1-S2	10/4/2013	4-Aminobiphenyl	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-1-S2	10/4/2013	4-Bromophenyl Phenyl Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S2	10/4/2013	4-Chloro-3-Methylphenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S2	10/4/2013	4-Chloroaniline	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-1-S2	10/4/2013	4-Chlorophenyl Phenyl Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-1-S2	10/4/2013	4-Dimethylaminoazobenzene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-1-S2	10/4/2013	4-Methylphenol (P-Cresol)	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S2	10/4/2013	4-Nitroaniline	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-1-S2	10/4/2013	4-Nitrophenol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S2	10/4/2013	4-Nitroquinoline-N-Oxide	440	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-1-S2	10/4/2013	5-Nitro-Ortho-Toluidine	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-1-S2	10/4/2013	7,12-Dimethylbenz[A]Anthracene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-1-S2	10/4/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-1-S2	10/4/2013	Acenaphthylene	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-1-S2	10/4/2013	Acetaldehyde	1800	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-1-S2	10/4/2013	Acetone	21	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S2	10/4/2013	Acetonitrile	33	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S2	10/4/2013	Acetophenone	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-1-S2	10/4/2013	Acrolein	27	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S2	10/4/2013	Acrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S2	10/4/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-1-S2	10/4/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-1-S2	10/4/2013	Aniline	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-1-S2	10/4/2013	Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-1-S2	10/4/2013	Antimony	0.962	MG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-1-S2	10/4/2013	Aramite	88	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-1-S2	10/4/2013	Barium	140	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-1-S2	10/4/2013	Benzene	0.7	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-1-S2	10/4/2013	Benzo(A)Anthracene	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S2	10/4/2013	Benzo(B)Fluoranthene	9	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S2	10/4/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-1-S2	10/4/2013	Benzo(K)Fluoranthene	6	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-1-S2	10/4/2013	Benzo[A]Pyrene	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-1-S2	10/4/2013	Arsenic	6.63	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-1-S2	10/4/2013	Benzyl Alcohol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S2	10/4/2013	Beryllium	0.645	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-1-S2	10/4/2013	Biphenyl	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-1-S2	10/4/2013	Bis(2-Chloroethoxy)Methane	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-1-S2	10/4/2013	Bis(2-Chloroethyl)Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-1-S2	10/4/2013	Bis(2-Chloroisopropyl)Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-1-S2	10/4/2013	Bis(2-Ethylhexyl)Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-1-S2	10/4/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-1-S2	10/4/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-1-S2	10/4/2013	Butyl Benzyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-1-S2	10/4/2013	Cadmium	0.176	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-1-S2	10/4/2013	Carbon Disulfide	2	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S2	10/4/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-1-S2	10/4/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-1-S2	10/4/2013	Chlorobenzilate	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-1-S2	10/4/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-1-S2	10/4/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-1-S2	10/4/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-1-S2	10/4/2013	Chromium	34.2	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-1-S2	10/4/2013	Chrysene	9	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-1-S2	10/4/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-1-S2	10/4/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-1-S2	10/4/2013	Cobalt	1.21	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-1-S2	10/4/2013	Copper	0.377	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-1-S2	10/4/2013	Diallate	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-1-S2	10/4/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-1-S2	10/4/2013	Dibenzofuran	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-1-S2	10/4/2013	Dichlorodifluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-1-S2	10/4/2013	Diethyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-1-S2	10/4/2013	Diethylene Glycol	6600	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-1-S2	10/4/2013	Dimethoate	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S2	10/4/2013	Dimethyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-1-S2	10/4/2013	Di-N-Butyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S2	10/4/2013	Diphenyl Ether	330	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-1-S2	10/4/2013	Ethyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-1-S2	10/4/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-1-S2	10/4/2013	Ethyl Methanesulfonate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S2	10/4/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-1-S2	10/4/2013	Ethylene Glycol	6600	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S2	10/4/2013	Fluoranthene	9	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-1-S2	10/4/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S2	10/4/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-1-S2	10/4/2013	Hexachlorobutadiene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-1-S2	10/4/2013	Hexachlorocyclopentadiene	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S2	10/4/2013	Hexachloroethane	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-1-S2	10/4/2013	Hexachloropropylene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-1-S2	10/4/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S2	10/4/2013	Iodomethane	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-1-S2	10/4/2013	Isobutyl Alcohol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-1-S2	10/4/2013	Isodrin	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-1-S2	10/4/2013	Isophorone	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-1-S2	10/4/2013	Isosafrole	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-1-S2	10/4/2013	Lead	17.8	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-1-S2	10/4/2013	Mercury	0.0129	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-1-S2	10/4/2013	Methacrylonitrile	7	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-1-S2	10/4/2013	Methapyrilene	2200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-1-S2	10/4/2013	Methyl Bromide	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-1-S2	10/4/2013	Methyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-1-S2	10/4/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-1-S2	10/4/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-1-S2	10/4/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-1-S2	10/4/2013	Methyl Methanesulfonate	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S2	10/4/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-1-S2	10/4/2013	Methylene Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-1-S2	10/4/2013	Naphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-1-S2	10/4/2013	N-Dioctyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-1-S2	10/4/2013	Nickel	3.35	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-1-S2	10/4/2013	Nitrobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S2	10/4/2013	N-Nitroso(Methyl)Ethylamine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-1-S2	10/4/2013	N-Nitrosodiethylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-1-S2	10/4/2013	N-Nitrosodimethylamine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-1-S2	10/4/2013	N-Nitroso-Di-N-Butylamine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-1-S2	10/4/2013	N-Nitrosodi-N-Propylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-1-S2	10/4/2013	N-Nitrosodiphenylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-1-S2	10/4/2013	N-Nitrosomorpholine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-1-S2	10/4/2013	N-Nitrosopiperidine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-1-S2	10/4/2013	N-Nitrosopyrrolidine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-1-S2	10/4/2013	O,O,O-Triethylphosphorothioate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-1-S2	10/4/2013	O-Toluidine	270	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-1-S2	10/4/2013	para-Phenylenediamine	15000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-1-S2	10/4/2013	Pentachlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-1-S2	10/4/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-1-S2	10/4/2013	Pentachloronitrobenzene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-1-S2	10/4/2013	Pentachlorophenol	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-1-S2	10/4/2013	Phenacetin	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-1-S2	10/4/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-1-S2	10/4/2013	Phenol	31	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-1-S2	10/4/2013	Pronamide	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-1-S2	10/4/2013	Propionitrile	40	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-1-S2	10/4/2013	Propylene Glycol	6600	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S2	10/4/2013	Pyrene	12	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-1-S2	10/4/2013	Pyridine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-1-S2	10/4/2013	Safrole	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-1-S2	10/4/2013	Selenium	0.853	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S2	10/4/2013	Silver	0.221	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S2	10/4/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-1-S2	10/4/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S2	10/4/2013	Tetraethyl Dithiopyrophosphate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-1-S2	10/4/2013	Thallium	0.191	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-1-S2	10/4/2013	Thionazin	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-1-S2	10/4/2013	Tin	2.38	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-1-S2	10/4/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-1-S2	10/4/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-1-S2	10/4/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-1-S2	10/4/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-1-S2	10/4/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-1-S2	10/4/2013	Trichlorofluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-1-S2	10/4/2013	Triethylene Glycol	6600	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-1-S2	10/4/2013	Vanadium	42.9	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S2	10/4/2013	Vinyl Acetate	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-1-S2	10/4/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-1-S2	10/4/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-1-S2	10/4/2013	Zinc	14.4	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-1-S3	10/4/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-1-S3	10/4/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-1-S3	10/4/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-1-S3	10/4/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-1-S3	10/4/2013	1,1-Dichloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S3	10/4/2013	1,1-Dichloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-1-S3	10/4/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-1-S3	10/4/2013	1,2,4,5-Tetrachlorobenzene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-1-S3	10/4/2013	1,2,4-Trichlorobenzene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-1-S3	10/4/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-1-S3	10/4/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-1-S3	10/4/2013	1,2-Dichlorobenzene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-1-S3	10/4/2013	1,2-Dichloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S3	10/4/2013	1,2-Dichloropropane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-1-S3	10/4/2013	1,2-Diphenylhydrazine	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S3	10/4/2013	1,3,5-Trinitrobenzene	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-1-S3	10/4/2013	1,3-Dichlorobenzene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S3	10/4/2013	1,3-Dinitrobenzene	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-1-S3	10/4/2013	1,4-Dichlorobenzene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-1-S3	10/4/2013	1,4-Dioxane	5.9	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S3	10/4/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-1-S3	10/4/2013	1-Naphthylamine	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-1-S3	10/4/2013	2,3,4,6-Tetrachlorophenol	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-1-S3	10/4/2013	2,4,5-Trichlorophenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S3	10/4/2013	2,4,6-Trichlorophenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-1-S3	10/4/2013	2,4-Dichlorophenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-1-S3	10/4/2013	2,4-Dimethylphenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-1-S3	10/4/2013	2,4-Dinitrophenol	400	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-1-S3	10/4/2013	2,4-Dinitrotoluene	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-1-S3	10/4/2013	2,6-Dichlorophenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-1-S3	10/4/2013	2,6-Dinitrotoluene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S3	10/4/2013	2-Acetylaminofluorene	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-1-S3	10/4/2013	2-Chloronaphthalene	9	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-1-S3	10/4/2013	2-Chlorophenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-1-S3	10/4/2013	2-Hexanone	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-1-S3	10/4/2013	2-Methylnaphthalene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-1-S3	10/4/2013	2-Methylphenol (O-Cresol)	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S3	10/4/2013	2-Naphthylamine	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-1-S3	10/4/2013	2-Nitroaniline	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-1-S3	10/4/2013	2-Nitrophenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S3	10/4/2013	2-Picoline	130	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-1-S3	10/4/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-1-S3	10/4/2013	3,3'-Dimethylbenzidine	660	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-1-S3	10/4/2013	3-Methylcholanthrene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-1-S3	10/4/2013	3-Nitroaniline	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-1-S3	10/4/2013	4,6-Dinitro-2-Methylphenol	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-1-S3	10/4/2013	4-Aminobiphenyl	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-1-S3	10/4/2013	4-Bromophenyl Phenyl Ether	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-1-S3	10/4/2013	4-Chloro-3-Methylphenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S3	10/4/2013	4-Chloroaniline	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-1-S3	10/4/2013	4-Chlorophenyl Phenyl Ether	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-1-S3	10/4/2013	4-Dimethylaminoazobenzene	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-1-S3	10/4/2013	4-Methylphenol (P-Cresol)	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S3	10/4/2013	4-Nitroaniline	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-1-S3	10/4/2013	4-Nitrophenol	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S3	10/4/2013	4-Nitroquinoline-N-Oxide	440	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-1-S3	10/4/2013	5-Nitro-Ortho-Toluidine	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-1-S3	10/4/2013	7,12-Dimethylbenz[A]Anthracene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-1-S3	10/4/2013	Acenaphthene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-1-S3	10/4/2013	Acenaphthylene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-1-S3	10/4/2013	Acetaldehyde	1300	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-1-S3	10/4/2013	Acetone	8	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S3	10/4/2013	Acetonitrile	30	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S3	10/4/2013	Acetophenone	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-1-S3	10/4/2013	Acrolein	24	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-1-S3	10/4/2013	Acrylonitrile	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-1-S3	10/4/2013	Allyl Chloride	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-1-S3	10/4/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-1-S3	10/4/2013	Aniline	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-1-S3	10/4/2013	Anthracene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-1-S3	10/4/2013	Antimony	0.947	MG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-1-S3	10/4/2013	Aramite	88	UG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-1-S3	10/4/2013	Barium	280	MG/KG				Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-1-S3	10/4/2013	Benzene	0.6	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-1-S3	10/4/2013	Benzo(A)Anthracene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S3	10/4/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S3	10/4/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-1-S3	10/4/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-1-S3	10/4/2013	Benzo[A]Pyrene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-1-S3	10/4/2013	Arsenic	8.16	MG/KG			Y	Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-1-S3	10/4/2013	Benzyl Alcohol	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S3	10/4/2013	Beryllium	0.769	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-1-S3	10/4/2013	Biphenyl	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-1-S3	10/4/2013	Bis(2-Chloroethoxy)Methane	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-1-S3	10/4/2013	Bis(2-Chloroethyl)Ether	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-1-S3	10/4/2013	Bis(2-Chloroisopropyl)Ether	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-1-S3	10/4/2013	Bis(2-Ethylhexyl)Phthalate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-1-S3	10/4/2013	Bromodichloromethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-1-S3	10/4/2013	Bromoform	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-1-S3	10/4/2013	Butyl Benzyl Phthalate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-1-S3	10/4/2013	Cadmium	0.184	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-1-S3	10/4/2013	Carbon Disulfide	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S3	10/4/2013	Carbon Tetrachloride	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-1-S3	10/4/2013	Chlorobenzene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-1-S3	10/4/2013	Chlorobenzilate	44	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-1-S3	10/4/2013	Chlorodibromomethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S3	10/4/2013	Chloroform	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-1-S3	10/4/2013	Chloroprene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-1-S3	10/4/2013	Chromium	28.5	MG/KG				Y	5-6 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-1-S3	10/4/2013	Chrysene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-1-S3	10/4/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-1-S3	10/4/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-1-S3	10/4/2013	Cobalt	0.628	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-1-S3	10/4/2013	Copper	0.371	MG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-1-S3	10/4/2013	Diallate	44	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-1-S3	10/4/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-1-S3	10/4/2013	Dibenzofuran	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-1-S3	10/4/2013	Dichlorodifluoromethane	2	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-1-S3	10/4/2013	Diethyl Phthalate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-1-S3	10/4/2013	Diethylene Glycol	6600	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-1-S3	10/4/2013	Dimethoate	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S3	10/4/2013	Dimethyl Phthalate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-1-S3	10/4/2013	Di-N-Butyl Phthalate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-1-S3	10/4/2013	Diphenyl Ether	310	UG/KG				Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-1-S3	10/4/2013	Ethyl Chloride	2	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-1-S3	10/4/2013	Ethyl Methacrylate	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-1-S3	10/4/2013	Ethyl Methanesulfonate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S3	10/4/2013	Ethylbenzene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-1-S3	10/4/2013	Ethylene Glycol	6600	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S3	10/4/2013	Fluoranthene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-1-S3	10/4/2013	Fluorene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-1-S3	10/4/2013	Hexachlorobenzene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-1-S3	10/4/2013	Hexachlorobutadiene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-1-S3	10/4/2013	Hexachlorocyclopentadiene	220	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-1-S3	10/4/2013	Hexachloroethane	44	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-1-S3	10/4/2013	Hexachloropropylene	130	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-1-S3	10/4/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-1-S3	10/4/2013	Iodomethane	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-1-S3	10/4/2013	Isobutyl Alcohol	120	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-1-S3	10/4/2013	Isodrin	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-1-S3	10/4/2013	Isophorone	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-1-S3	10/4/2013	Isosafrole	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-1-S3	10/4/2013	Lead	10.4	MG/KG		J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-1-S3	10/4/2013	Mercury	0.0136	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-1-S3	10/4/2013	Methacrylonitrile	6	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-1-S3	10/4/2013	Methapyrilene	2200	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-1-S3	10/4/2013	Methyl Bromide	2	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-1-S3	10/4/2013	Methyl Chloride	2	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-1-S3	10/4/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-1-S3	10/4/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-1-S3	10/4/2013	Methyl Methacrylate	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-1-S3	10/4/2013	Methyl Methanesulfonate	44	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-1-S3	10/4/2013	Methylene Bromide	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-1-S3	10/4/2013	Methylene Chloride	2	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-1-S3	10/4/2013	Naphthalene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-1-S3	10/4/2013	N-Dioctyl Phthalate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-1-S3	10/4/2013	Nickel	2.35	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-1-S3	10/4/2013	Nitrobenzene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-1-S3	10/4/2013	N-Nitroso(Methyl)Ethylamine	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-1-S3	10/4/2013	N-Nitrosodiethylamine	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-1-S3	10/4/2013	N-Nitrosodimethylamine	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-1-S3	10/4/2013	N-Nitroso-Di-N-Butylamine	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-1-S3	10/4/2013	N-Nitrosodi-N-Propylamine	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-1-S3	10/4/2013	N-Nitrosodiphenylamine	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-1-S3	10/4/2013	N-Nitrosomorpholine	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-1-S3	10/4/2013	N-Nitrosopiperidine	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-1-S3	10/4/2013	N-Nitrosopyrrolidine	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-1-S3	10/4/2013	O,O,O-Triethylphosphorothioate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-1-S3	10/4/2013	O-Toluidine	260	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-1-S3	10/4/2013	para-Phenylenediamine	15000	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-1-S3	10/4/2013	Pentachlorobenzene	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-1-S3	10/4/2013	Pentachloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-1-S3	10/4/2013	Pentachloronitrobenzene	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-1-S3	10/4/2013	Pentachlorophenol	44	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-1-S3	10/4/2013	Phenacetin	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-1-S3	10/4/2013	Phenanthrene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-1-S3	10/4/2013	Phenol	22	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-1-S3	10/4/2013	Pronamide	44	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-1-S3	10/4/2013	Propionitrile	36	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-1-S3	10/4/2013	Propylene Glycol	6600	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-1-S3	10/4/2013	Pyrene	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-1-S3	10/4/2013	Pyridine	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-1-S3	10/4/2013	Safrole	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-1-S3	10/4/2013	Selenium	0.445	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S3	10/4/2013	Silver	0.217	MG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S3	10/4/2013	Styrene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-1-S3	10/4/2013	Tetrachloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-1-S3	10/4/2013	Tetraethyl Dithiopyrophosphate	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-1-S3	10/4/2013	Thallium	0.138	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-1-S3	10/4/2013	Thionazin	88	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-1-S3	10/4/2013	Tin	2.16	MG/KG	J	B		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-1-S3	10/4/2013	Toluene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-1-S3	10/4/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-1-S3	10/4/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-1-S3	10/4/2013	trans-1,4-Dichlorobutene-2	12	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-1-S3	10/4/2013	Trichloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-1-S3	10/4/2013	Trichlorofluoromethane	2	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-1-S3	10/4/2013	Triethylene Glycol	6600	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-1-S3	10/4/2013	Vanadium	36.6	MG/KG				Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-1-S3	10/4/2013	Vinyl Acetate	2	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-1-S3	10/4/2013	Vinyl Chloride	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-1-S3	10/4/2013	Xylenes	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-1-S3	10/4/2013	Zinc	10.5	MG/KG				Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-2-S2	10/4/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-2-S2	10/4/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-2-S2	10/4/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-2-S2	10/4/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-2-S2	10/4/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S2	10/4/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-2-S2	10/4/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-2-S2	10/4/2013	1,2,4,5-Tetrachlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-2-S2	10/4/2013	1,2,4-Trichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-2-S2	10/4/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-2-S2	10/4/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-2-S2	10/4/2013	1,2-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-2-S2	10/4/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-2-S2	10/4/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-2-S2	10/4/2013	1,2-Diphenylhydrazine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S2	10/4/2013	1,3,5-Trinitrobenzene	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-2-S2	10/4/2013	1,3-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S2	10/4/2013	1,3-Dinitrobenzene	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-2-S2	10/4/2013	1,4-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-2-S2	10/4/2013	1,4-Dioxane	47	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S2	10/4/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-2-S2	10/4/2013	1-Naphthylamine	220	UG/KG	U	R		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-2-S2	10/4/2013	2,3,4,6-Tetrachlorophenol	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-2-S2	10/4/2013	2,4,5-Trichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S2	10/4/2013	2,4,6-Trichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-2-S2	10/4/2013	2,4-Dichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-2-S2	10/4/2013	2,4-Dimethylphenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-2-S2	10/4/2013	2,4-Dinitrophenol	390	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-2-S2	10/4/2013	2,4-Dinitrotoluene	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-2-S2	10/4/2013	2,6-Dichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-2-S2	10/4/2013	2,6-Dinitrotoluene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S2	10/4/2013	2-Acetylaminofluorene	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-2-S2	10/4/2013	2-Chloronaphthalene	9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-2-S2	10/4/2013	2-Chlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-2-S2	10/4/2013	2-Hexanone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-2-S2	10/4/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-2-S2	10/4/2013	2-Methylphenol (O-Cresol)	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S2	10/4/2013	2-Naphthylamine	220	UG/KG	U	R		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-2-S2	10/4/2013	2-Nitroaniline	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-2-S2	10/4/2013	2-Nitrophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-2-S2	10/4/2013	2-Picoline	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-2-S2	10/4/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-2-S2	10/4/2013	3,3'-Dimethylbenzidine	650	UG/KG	U	R		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-2-S2	10/4/2013	3-Methylcholanthrene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-2-S2	10/4/2013	3-Nitroaniline	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-2-S2	10/4/2013	4,6-Dinitro-2-Methylphenol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-2-S2	10/4/2013	4-Aminobiphenyl	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-2-S2	10/4/2013	4-Bromophenyl Phenyl Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-2-S2	10/4/2013	4-Chloro-3-Methylphenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S2	10/4/2013	4-Chloroaniline	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-2-S2	10/4/2013	4-Chlorophenyl Phenyl Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-2-S2	10/4/2013	4-Dimethylaminoazobenzene	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-2-S2	10/4/2013	4-Methylphenol (P-Cresol)	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S2	10/4/2013	4-Nitroaniline	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-2-S2	10/4/2013	4-Nitrophenol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S2	10/4/2013	4-Nitroquinoline-N-Oxide	430	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-2-S2	10/4/2013	5-Nitro-Ortho-Toluidine	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-2-S2	10/4/2013	7,12-Dimethylbenz[A]Anthracene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-2-S2	10/4/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-2-S2	10/4/2013	Acenaphthylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-2-S2	10/4/2013	Acetaldehyde	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-2-S2	10/4/2013	Acetone	13	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S2	10/4/2013	Acetonitrile	30	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S2	10/4/2013	Acetophenone	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-2-S2	10/4/2013	Acrolein	24	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-2-S2	10/4/2013	Acrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S2	10/4/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-2-S2	10/4/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	R		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-2-S2	10/4/2013	Aniline	220	UG/KG	U	R		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-2-S2	10/4/2013	Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-2-S2	10/4/2013	Antimony	0.965	MG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S2	10/4/2013	Aramite	87	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-2-S2	10/4/2013	Barium	247	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-2-S2	10/4/2013	Benzene	0.6	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-2-S2	10/4/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-2-S2	10/4/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-2-S2	10/4/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-2-S2	10/4/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-2-S2	10/4/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-2-S2	10/4/2013	Arsenic	4.16	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-2-S2	10/4/2013	Benzyl Alcohol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S2	10/4/2013	Beryllium	0.296	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-2-S2	10/4/2013	Biphenyl	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-2-S2	10/4/2013	Bis(2-Chloroethoxy)Methane	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-2-S2	10/4/2013	Bis(2-Chloroethyl)Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-2-S2	10/4/2013	Bis(2-Chloroisopropyl)Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-2-S2	10/4/2013	Bis(2-Ethylhexyl)Phthalate	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-2-S2	10/4/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-2-S2	10/4/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-2-S2	10/4/2013	Butyl Benzyl Phthalate	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-2-S2	10/4/2013	Cadmium	0.0991	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-2-S2	10/4/2013	Carbon Disulfide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S2	10/4/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-2-S2	10/4/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-2-S2	10/4/2013	Chlorobenzilate	43	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-2-S2	10/4/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-2-S2	10/4/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-2-S2	10/4/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-2-S2	10/4/2013	Chromium	21.6	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-2-S2	10/4/2013	Chrysene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-2-S2	10/4/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-2-S2	10/4/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-2-S2	10/4/2013	Cobalt	0.699	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-2-S2	10/4/2013	Copper	0.378	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-2-S2	10/4/2013	Diallate	43	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-2-S2	10/4/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-2-S2	10/4/2013	Dibenzofuran	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-2-S2	10/4/2013	Dichlorodifluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-2-S2	10/4/2013	Diethyl Phthalate	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-2-S2	10/4/2013	Diethylene Glycol	6500	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-2-S2	10/4/2013	Dimethoate	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S2	10/4/2013	Dimethyl Phthalate	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-2-S2	10/4/2013	Di-N-Butyl Phthalate	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S2	10/4/2013	Diphenyl Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-2-S2	10/4/2013	Ethyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-2-S2	10/4/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-2-S2	10/4/2013	Ethyl Methanesulfonate	87	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S2	10/4/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-2-S2	10/4/2013	Ethylene Glycol	6500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S2	10/4/2013	Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-2-S2	10/4/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-2-S2	10/4/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-2-S2	10/4/2013	Hexachlorobutadiene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-2-S2	10/4/2013	Hexachlorocyclopentadiene	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S2	10/4/2013	Hexachloroethane	43	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-2-S2	10/4/2013	Hexachloropropylene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-2-S2	10/4/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S2	10/4/2013	Iodomethane	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-2-S2	10/4/2013	Isobutyl Alcohol	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-2-S2	10/4/2013	Isodrin	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-2-S2	10/4/2013	Isophorone	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-2-S2	10/4/2013	Isosafrole	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-2-S2	10/4/2013	Lead	13	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-2-S2	10/4/2013	Mercury	0.0386	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-2-S2	10/4/2013	Methacrylonitrile	6	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-2-S2	10/4/2013	Methapyrilene	2200	UG/KG	U	R		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-2-S2	10/4/2013	Methyl Bromide	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-2-S2	10/4/2013	Methyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-2-S2	10/4/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-2-S2	10/4/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-2-S2	10/4/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-2-S2	10/4/2013	Methyl Methanesulfonate	43	UG/KG	U	R		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S2	10/4/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-2-S2	10/4/2013	Methylene Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-2-S2	10/4/2013	Naphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-2-S2	10/4/2013	N-Dioctyl Phthalate	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-2-S2	10/4/2013	Nickel	3.36	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-2-S2	10/4/2013	Nitrobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S2	10/4/2013	N-Nitroso(Methyl)Ethylamine	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-2-S2	10/4/2013	N-Nitrosodiethylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-2-S2	10/4/2013	N-Nitrosodimethylamine	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-2-S2	10/4/2013	N-Nitroso-Di-N-Butylamine	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-2-S2	10/4/2013	N-Nitrosodi-N-Propylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-2-S2	10/4/2013	N-Nitrosodiphenylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-2-S2	10/4/2013	N-Nitrosomorpholine	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-2-S2	10/4/2013	N-Nitrosopiperidine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-2-S2	10/4/2013	N-Nitrosopyrrolidine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-2-S2	10/4/2013	O,O,O-Triethylphosphorothioate	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-2-S2	10/4/2013	O-Toluidine	260	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-2-S2	10/4/2013	para-Phenylenediamine	15000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-2-S2	10/4/2013	Pentachlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-2-S2	10/4/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-2-S2	10/4/2013	Pentachloronitrobenzene	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-2-S2	10/4/2013	Pentachlorophenol	43	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-2-S2	10/4/2013	Phenacetin	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-2-S2	10/4/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-2-S2	10/4/2013	Phenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-2-S2	10/4/2013	Pronamide	43	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-2-S2	10/4/2013	Propionitrile	37	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-2-S2	10/4/2013	Propylene Glycol	6500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S2	10/4/2013	Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-2-S2	10/4/2013	Pyridine	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-2-S2	10/4/2013	Safrole	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-2-S2	10/4/2013	Selenium	0.28	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S2	10/4/2013	Silver	0.222	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S2	10/4/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-2-S2	10/4/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-2-S2	10/4/2013	Tetraethyl Dithiopyrophosphate	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-2-S2	10/4/2013	Thallium	0.098	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-2-S2	10/4/2013	Thionazin	87	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-2-S2	10/4/2013	Tin	2.1	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-2-S2	10/4/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-2-S2	10/4/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S2	10/4/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-2-S2	10/4/2013	trans-1,4-Dichlorobutene-2	12	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-2-S2	10/4/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-2-S2	10/4/2013	Trichlorofluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-2-S2	10/4/2013	Triethylene Glycol	6500	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-2-S2	10/4/2013	Vanadium	29.7	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S2	10/4/2013	Vinyl Acetate	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-2-S2	10/4/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-2-S2	10/4/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-2-S2	10/4/2013	Zinc	8.77	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-2-S3	10/4/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-2-S3	10/4/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-2-S3	10/4/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-2-S3	10/4/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-2-S3	10/4/2013	1,1-Dichloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S3	10/4/2013	1,1-Dichloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-2-S3	10/4/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-2-S3	10/4/2013	1,2,4,5-Tetrachlorobenzene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-2-S3	10/4/2013	1,2,4-Trichlorobenzene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-2-S3	10/4/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-2-S3	10/4/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-2-S3	10/4/2013	1,2-Dichlorobenzene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-2-S3	10/4/2013	1,2-Dichloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-2-S3	10/4/2013	1,2-Dichloropropane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-2-S3	10/4/2013	1,2-Diphenylhydrazine	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-2-S3	10/4/2013	1,3,5-Trinitrobenzene	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-2-S3	10/4/2013	1,3-Dichlorobenzene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S3	10/4/2013	1,3-Dinitrobenzene	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-2-S3	10/4/2013	1,4-Dichlorobenzene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-2-S3	10/4/2013	1,4-Dioxane	9.3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S3	10/4/2013	1,4-Naphthoquinone	1200	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-2-S3	10/4/2013	1-Naphthylamine	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-2-S3	10/4/2013	2,3,4,6-Tetrachlorophenol	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-2-S3	10/4/2013	2,4,5-Trichlorophenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S3	10/4/2013	2,4,6-Trichlorophenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-2-S3	10/4/2013	2,4-Dichlorophenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-2-S3	10/4/2013	2,4-Dimethylphenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-2-S3	10/4/2013	2,4-Dinitrophenol	420	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-2-S3	10/4/2013	2,4-Dinitrotoluene	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-2-S3	10/4/2013	2,6-Dichlorophenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-2-S3	10/4/2013	2,6-Dinitrotoluene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S3	10/4/2013	2-Acetylaminofluorene	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-2-S3	10/4/2013	2-Chloronaphthalene	10	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-2-S3	10/4/2013	2-Chlorophenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-2-S3	10/4/2013	2-Hexanone	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-2-S3	10/4/2013	2-Methylnaphthalene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-2-S3	10/4/2013	2-Methylphenol (O-Cresol)	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S3	10/4/2013	2-Naphthylamine	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-2-S3	10/4/2013	2-Nitroaniline	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-2-S3	10/4/2013	2-Nitrophenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-2-S3	10/4/2013	2-Picoline	140	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-2-S3	10/4/2013	3,3'-Dichlorobenzidine	140	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-2-S3	10/4/2013	3,3'-Dimethylbenzidine	700	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-2-S3	10/4/2013	3-Methylcholanthrene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-2-S3	10/4/2013	3-Nitroaniline	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-2-S3	10/4/2013	4,6-Dinitro-2-Methylphenol	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S3	10/4/2013	4-Aminobiphenyl	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-2-S3	10/4/2013	4-Bromophenyl Phenyl Ether	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-2-S3	10/4/2013	4-Chloro-3-Methylphenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S3	10/4/2013	4-Chloroaniline	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-2-S3	10/4/2013	4-Chlorophenyl Phenyl Ether	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-2-S3	10/4/2013	4-Dimethylaminoazobenzene	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-2-S3	10/4/2013	4-Methylphenol (P-Cresol)	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S3	10/4/2013	4-Nitroaniline	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-2-S3	10/4/2013	4-Nitrophenol	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S3	10/4/2013	4-Nitroquinoline-N-Oxide	470	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-2-S3	10/4/2013	5-Nitro-Ortho-Toluidine	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-2-S3	10/4/2013	7,12-Dimethylbenz[A]Anthracene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-2-S3	10/4/2013	Acenaphthene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-2-S3	10/4/2013	Acenaphthylene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-2-S3	10/4/2013	Acetaldehyde	1800	UG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-2-S3	10/4/2013	Acetone	9	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S3	10/4/2013	Acetonitrile	32	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S3	10/4/2013	Acetophenone	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-2-S3	10/4/2013	Acrolein	25	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-2-S3	10/4/2013	Acrylonitrile	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-2-S3	10/4/2013	Allyl Chloride	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-2-S3	10/4/2013	Alpha,Alpha-Dimethylphenethylamine	140	UG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-2-S3	10/4/2013	Aniline	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-2-S3	10/4/2013	Anthracene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-2-S3	10/4/2013	Antimony	1.02	MG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-2-S3	10/4/2013	Aramite	93	UG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-2-S3	10/4/2013	Arsenic	1.73	MG/KG				Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-2-S3	10/4/2013	Barium	64.2	MG/KG				Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-2-S3	10/4/2013	Benzene	0.6	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-2-S3	10/4/2013	Benzo(A)Anthracene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-2-S3	10/4/2013	Benzo(B)Fluoranthene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-2-S3	10/4/2013	Benzo(G,H,I)Perylene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-2-S3	10/4/2013	Benzo(K)Fluoranthene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-2-S3	10/4/2013	Benzo[A]Pyrene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-2-S3	10/4/2013	Benzyl Alcohol	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S3	10/4/2013	Beryllium	0.36	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-2-S3	10/4/2013	Biphenyl	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-2-S3	10/4/2013	Bis(2-Chloroethoxy)Methane	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-2-S3	10/4/2013	Bis(2-Chloroethyl)Ether	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-2-S3	10/4/2013	Bis(2-Chloroisopropyl)Ether	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-2-S3	10/4/2013	Bis(2-Ethylhexyl)Phthalate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-2-S3	10/4/2013	Bromodichloromethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-2-S3	10/4/2013	Bromoform	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-2-S3	10/4/2013	Butyl Benzyl Phthalate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-2-S3	10/4/2013	Cadmium	0.105	MG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-2-S3	10/4/2013	Carbon Disulfide	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S3	10/4/2013	Carbon Tetrachloride	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-2-S3	10/4/2013	Chlorobenzene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-2-S3	10/4/2013	Chlorobenzilate	47	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-2-S3	10/4/2013	Chlorodibromomethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-2-S3	10/4/2013	Chloroform	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-2-S3	10/4/2013	Chloroprene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-2-S3	10/4/2013	Chromium	22	MG/KG				Y	5-6 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-2-S3	10/4/2013	Chrysene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-2-S3	10/4/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-2-S3	10/4/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S3	10/4/2013	Cobalt	0.626	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-2-S3	10/4/2013	Copper	0.402	MG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-2-S3	10/4/2013	Diallate	47	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-2-S3	10/4/2013	Dibenz(A,H)Anthracene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-2-S3	10/4/2013	Dibenzofuran	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-2-S3	10/4/2013	Dichlorodifluoromethane	3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-2-S3	10/4/2013	Diethyl Phthalate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-2-S3	10/4/2013	Diethylene Glycol	7000	UG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-2-S3	10/4/2013	Dimethoate	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S3	10/4/2013	Dimethyl Phthalate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-2-S3	10/4/2013	Di-N-Butyl Phthalate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-2-S3	10/4/2013	Diphenyl Ether	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-2-S3	10/4/2013	Ethyl Chloride	3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-2-S3	10/4/2013	Ethyl Methacrylate	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-2-S3	10/4/2013	Ethyl Methanesulfonate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S3	10/4/2013	Ethylbenzene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-2-S3	10/4/2013	Ethylene Glycol	7000	UG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S3	10/4/2013	Fluoranthene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-2-S3	10/4/2013	Fluorene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-2-S3	10/4/2013	Hexachlorobenzene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-2-S3	10/4/2013	Hexachlorobutadiene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-2-S3	10/4/2013	Hexachlorocyclopentadiene	230	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-2-S3	10/4/2013	Hexachloroethane	47	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-2-S3	10/4/2013	Hexachloropropylene	140	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-2-S3	10/4/2013	Indeno (1,2,3-CD) Pyrene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-2-S3	10/4/2013	Iodomethane	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-2-S3	10/4/2013	Isobutyl Alcohol	130	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-2-S3	10/4/2013	Isodrin	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-2-S3	10/4/2013	Isophorone	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-2-S3	10/4/2013	Isosafrole	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-2-S3	10/4/2013	Lead	9.63	MG/KG		J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-2-S3	10/4/2013	Mercury	0.0153	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-2-S3	10/4/2013	Methacrylonitrile	6	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-2-S3	10/4/2013	Methapyrilene	2300	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-2-S3	10/4/2013	Methyl Bromide	3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-2-S3	10/4/2013	Methyl Chloride	3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-2-S3	10/4/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-2-S3	10/4/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-2-S3	10/4/2013	Methyl Methacrylate	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-2-S3	10/4/2013	Methyl Methanesulfonate	47	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-2-S3	10/4/2013	Methylene Bromide	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-2-S3	10/4/2013	Methylene Chloride	3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-2-S3	10/4/2013	Naphthalene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-2-S3	10/4/2013	N-Dioctyl Phthalate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-2-S3	10/4/2013	Nickel	1.76	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-2-S3	10/4/2013	Nitrobenzene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-2-S3	10/4/2013	N-Nitroso(Methyl)Ethylamine	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-2-S3	10/4/2013	N-Nitrosodiethylamine	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-2-S3	10/4/2013	N-Nitrosodimethylamine	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-2-S3	10/4/2013	N-Nitroso-Di-N-Butylamine	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-2-S3	10/4/2013	N-Nitrosodi-N-Propylamine	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-2-S3	10/4/2013	N-Nitrosodiphenylamine	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-2-S3	10/4/2013	N-Nitrosomorpholine	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-2-S3	10/4/2013	N-Nitrosopiperidine	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-2-S3	10/4/2013	N-Nitrosopyrrolidine	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-2-S3	10/4/2013	O,O,O-Triethylphosphorothioate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-2-S3	10/4/2013	O-Toluidine	280	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-2-S3	10/4/2013	para-Phenylenediamine	16000	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-2-S3	10/4/2013	Pentachlorobenzene	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-2-S3	10/4/2013	Pentachloroethane	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-2-S3	10/4/2013	Pentachloronitrobenzene	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-2-S3	10/4/2013	Pentachlorophenol	47	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-2-S3	10/4/2013	Phenacetin	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-2-S3	10/4/2013	Phenanthrene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-2-S3	10/4/2013	Phenol	23	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-2-S3	10/4/2013	Pronamide	47	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-2-S3	10/4/2013	Propionitrile	38	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-2-S3	10/4/2013	Propylene Glycol	7000	UG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-2-S3	10/4/2013	Pyrene	5	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-2-S3	10/4/2013	Pyridine	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-2-S3	10/4/2013	Safrole	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-2-S3	10/4/2013	Selenium	0.162	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S3	10/4/2013	Silver	0.235	MG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S3	10/4/2013	Styrene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-2-S3	10/4/2013	Tetrachloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-2-S3	10/4/2013	Tetraethyl Dithiopyrophosphate	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-2-S3	10/4/2013	Thallium	0.0847	MG/KG	J	J		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-2-S3	10/4/2013	Thionazin	93	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-2-S3	10/4/2013	Tin	2.27	MG/KG	J	B		Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-2-S3	10/4/2013	Toluene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-2-S3	10/4/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-2-S3	10/4/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-2-S3	10/4/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-2-S3	10/4/2013	Trichloroethene	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-2-S3	10/4/2013	Trichlorofluoromethane	3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-2-S3	10/4/2013	Triethylene Glycol	7000	UG/KG	U	UJ		N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-2-S3	10/4/2013	Vanadium	18.4	MG/KG				Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-2-S3	10/4/2013	Vinyl Acetate	3	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-2-S3	10/4/2013	Vinyl Chloride	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-2-S3	10/4/2013	Xylenes	1	UG/KG	U			N	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-2-S3	10/4/2013	Zinc	10.7	MG/KG				Y	5-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-3-S2	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-3-S2	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-3-S2	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-3-S2	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-3-S2	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S2	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-3-S2	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-3-S2	10/8/2013	1,2,4,5-Tetrachlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-3-S2	10/8/2013	1,2,4-Trichlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-3-S2	10/8/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-3-S2	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-3-S2	10/8/2013	1,2-Dichlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-3-S2	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S2	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-3-S2	10/8/2013	1,2-Diphenylhydrazine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S2	10/8/2013	1,3,5-Trinitrobenzene	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-3-S2	10/8/2013	1,3-Dichlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S2	10/8/2013	1,3-Dinitrobenzene	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-3-S2	10/8/2013	1,4-Dichlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-3-S2	10/8/2013	1,4-Dioxane	5.5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S2	10/8/2013	1,4-Naphthoquinone	960	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S2	10/8/2013	1-Naphthylamine	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-3-S2	10/8/2013	2,3,4,6-Tetrachlorophenol	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-3-S2	10/8/2013	2,4,5-Trichlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S2	10/8/2013	2,4,6-Trichlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-3-S2	10/8/2013	2,4-Dichlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-3-S2	10/8/2013	2,4-Dimethylphenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-3-S2	10/8/2013	2,4-Dinitrophenol	350	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-3-S2	10/8/2013	2,4-Dinitrotoluene	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-3-S2	10/8/2013	2,6-Dichlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-3-S2	10/8/2013	2,6-Dinitrotoluene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S2	10/8/2013	2-Acetylaminofluorene	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-3-S2	10/8/2013	2-Chloronaphthalene	8	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-3-S2	10/8/2013	2-Chlorophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-3-S2	10/8/2013	2-Hexanone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-3-S2	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-3-S2	10/8/2013	2-Methylphenol (O-Cresol)	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S2	10/8/2013	2-Naphthylamine	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-3-S2	10/8/2013	2-Nitroaniline	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-3-S2	10/8/2013	2-Nitrophenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-3-S2	10/8/2013	2-Picoline	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-3-S2	10/8/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-3-S2	10/8/2013	3,3'-Dimethylbenzidine	580	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-3-S2	10/8/2013	3-Methylcholanthrene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-3-S2	10/8/2013	3-Nitroaniline	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-3-S2	10/8/2013	4,6-Dinitro-2-Methylphenol	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-3-S2	10/8/2013	4-Aminobiphenyl	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-3-S2	10/8/2013	4-Bromophenyl Phenyl Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S2	10/8/2013	4-Chloro-3-Methylphenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S2	10/8/2013	4-Chloroaniline	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-3-S2	10/8/2013	4-Chlorophenyl Phenyl Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-3-S2	10/8/2013	4-Dimethylaminoazobenzene	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-3-S2	10/8/2013	4-Methylphenol (P-Cresol)	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S2	10/8/2013	4-Nitroaniline	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-3-S2	10/8/2013	4-Nitrophenol	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S2	10/8/2013	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-3-S2	10/8/2013	5-Nitro-Ortho-Toluidine	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-3-S2	10/8/2013	7,12-Dimethylbenz[A]Anthracene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-3-S2	10/8/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-3-S2	10/8/2013	Acenaphthylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-3-S2	10/8/2013	Acetaldehyde	1200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-3-S2	10/8/2013	Acetone	9	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S2	10/8/2013	Acetonitrile	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S2	10/8/2013	Acetophenone	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-3-S2	10/8/2013	Acrolein	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-3-S2	10/8/2013	Acrylonitrile	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S2	10/8/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-3-S2	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-3-S2	10/8/2013	Aniline	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-3-S2	10/8/2013	Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-3-S2	10/8/2013	Antimony	0.858	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-3-S2	10/8/2013	Aramite	77	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-3-S2	10/8/2013	Arsenic	0.991	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-3-S2	10/8/2013	Barium	53.2	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-3-S2	10/8/2013	Benzene	0.5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-3-S2	10/8/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-3-S2	10/8/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S2	10/8/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-3-S2	10/8/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-3-S2	10/8/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-3-S2	10/8/2013	Benzyl Alcohol	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S2	10/8/2013	Beryllium	0.184	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-3-S2	10/8/2013	Biphenyl	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-3-S2	10/8/2013	Bis(2-Chloroethoxy)Methane	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-3-S2	10/8/2013	Bis(2-Chloroethyl)Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-3-S2	10/8/2013	Bis(2-Chloroisopropyl)Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-3-S2	10/8/2013	Bis(2-Ethylhexyl)Phthalate	220	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-3-S2	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-3-S2	10/8/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-3-S2	10/8/2013	Butyl Benzyl Phthalate	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-3-S2	10/8/2013	Cadmium	0.0881	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-3-S2	10/8/2013	Carbon Disulfide	1	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S2	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-3-S2	10/8/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-3-S2	10/8/2013	Chlorobenzilate	39	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-3-S2	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-3-S2	10/8/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-3-S2	10/8/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-3-S2	10/8/2013	Chromium	14.6	MG/KG		J		Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-3-S2	10/8/2013	Chrysene	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-3-S2	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-3-S2	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-3-S2	10/8/2013	Cobalt	0.794	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-3-S2	10/8/2013	Copper	1.28	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-3-S2	10/8/2013	Diallate	39	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-3-S2	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-3-S2	10/8/2013	Dibenzofuran	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-3-S2	10/8/2013	Dichlorodifluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-3-S2	10/8/2013	Diethyl Phthalate	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-3-S2	10/8/2013	Diethylene Glycol	5900	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-3-S2	10/8/2013	Dimethoate	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S2	10/8/2013	Dimethyl Phthalate	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-3-S2	10/8/2013	Di-N-Butyl Phthalate	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S2	10/8/2013	Diphenyl Ether	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-3-S2	10/8/2013	Ethyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-3-S2	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-3-S2	10/8/2013	Ethyl Methanesulfonate	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S2	10/8/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-3-S2	10/8/2013	Ethylene Glycol	5900	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S2	10/8/2013	Fluoranthene	4	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-3-S2	10/8/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-3-S2	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-3-S2	10/8/2013	Hexachlorobutadiene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-3-S2	10/8/2013	Hexachlorocyclopentadiene	190	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S2	10/8/2013	Hexachloroethane	39	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-3-S2	10/8/2013	Hexachloropropylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-3-S2	10/8/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-3-S2	10/8/2013	Iodomethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-3-S2	10/8/2013	Isobutyl Alcohol	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-3-S2	10/8/2013	Isodrin	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-3-S2	10/8/2013	Isophorone	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-3-S2	10/8/2013	Isosafrole	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-3-S2	10/8/2013	Lead	14	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S2	10/8/2013	Mercury	0.0179	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-3-S2	10/8/2013	Methacrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-3-S2	10/8/2013	Methapyrilene	1900	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-3-S2	10/8/2013	Methyl Bromide	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-3-S2	10/8/2013	Methyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-3-S2	10/8/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-3-S2	10/8/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-3-S2	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-3-S2	10/8/2013	Methyl Methanesulfonate	39	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S2	10/8/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-3-S2	10/8/2013	Methylene Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-3-S2	10/8/2013	Naphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-3-S2	10/8/2013	N-Dioctyl Phthalate	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-3-S2	10/8/2013	Nickel	3.02	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-3-S2	10/8/2013	Nitrobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S2	10/8/2013	N-Nitroso(Methyl)Ethylamine	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-3-S2	10/8/2013	N-Nitrosodiethylamine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-3-S2	10/8/2013	N-Nitrosodimethylamine	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-3-S2	10/8/2013	N-Nitroso-Di-N-Butylamine	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-3-S2	10/8/2013	N-Nitrosodi-N-Propylamine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-3-S2	10/8/2013	N-Nitrosodiphenylamine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-3-S2	10/8/2013	N-Nitrosomorpholine	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-3-S2	10/8/2013	N-Nitrosopiperidine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-3-S2	10/8/2013	N-Nitrosopyrrolidine	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-3-S2	10/8/2013	O,O,O-Triethylphosphorothioate	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-3-S2	10/8/2013	O-Toluidine	230	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-3-S2	10/8/2013	para-Phenylenediamine	13000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-3-S2	10/8/2013	Pentachlorobenzene	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-3-S2	10/8/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-3-S2	10/8/2013	Pentachloronitrobenzene	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-3-S2	10/8/2013	Pentachlorophenol	39	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-3-S2	10/8/2013	Phenacetin	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-3-S2	10/8/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-3-S2	10/8/2013	Phenol	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-3-S2	10/8/2013	Pronamide	39	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-3-S2	10/8/2013	Propionitrile	31	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-3-S2	10/8/2013	Propylene Glycol	5900	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S2	10/8/2013	Pyrene	5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-3-S2	10/8/2013	Pyridine	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-3-S2	10/8/2013	Safrole	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-3-S2	10/8/2013	Selenium	0.148	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-3-S2	10/8/2013	Silver	0.197	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-3-S2	10/8/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-3-S2	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-3-S2	10/8/2013	Tetraethyl Dithiopyrophosphate	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-3-S2	10/8/2013	Thallium	0.0985	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-3-S2	10/8/2013	Thionazin	77	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-3-S2	10/8/2013	Tin	1.92	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-3-S2	10/8/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-3-S2	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-3-S2	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-3-S2	10/8/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-3-S2	10/8/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-3-S2	10/8/2013	Trichlorofluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-3-S2	10/8/2013	Triethylene Glycol	5900	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-3-S2	10/8/2013	Vanadium	8.91	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S2	10/8/2013	Vinyl Acetate	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-3-S2	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-3-S2	10/8/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-3-S2	10/8/2013	Zinc	8.34	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-3-S3	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-3-S3	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-3-S3	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-3-S3	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-3-S3	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S3	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-3-S3	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-3-S3	10/8/2013	1,2,4,5-Tetrachlorobenzene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-3-S3	10/8/2013	1,2,4-Trichlorobenzene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-3-S3	10/8/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-3-S3	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-3-S3	10/8/2013	1,2-Dichlorobenzene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-3-S3	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S3	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-3-S3	10/8/2013	1,2-Diphenylhydrazine	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S3	10/8/2013	1,3,5-Trinitrobenzene	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-3-S3	10/8/2013	1,3-Dichlorobenzene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S3	10/8/2013	1,3-Dinitrobenzene	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-3-S3	10/8/2013	1,4-Dichlorobenzene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-3-S3	10/8/2013	1,4-Dioxane	86	UG/KG				Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S3	10/8/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-3-S3	10/8/2013	1-Naphthylamine	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-3-S3	10/8/2013	2,3,4,6-Tetrachlorophenol	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-3-S3	10/8/2013	2,4,5-Trichlorophenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S3	10/8/2013	2,4,6-Trichlorophenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-3-S3	10/8/2013	2,4-Dichlorophenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-3-S3	10/8/2013	2,4-Dimethylphenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-3-S3	10/8/2013	2,4-Dinitrophenol	410	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-3-S3	10/8/2013	2,4-Dinitrotoluene	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-3-S3	10/8/2013	2,6-Dichlorophenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-3-S3	10/8/2013	2,6-Dinitrotoluene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S3	10/8/2013	2-Acetylaminofluorene	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-3-S3	10/8/2013	2-Chloronaphthalene	10	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-3-S3	10/8/2013	2-Chlorophenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-3-S3	10/8/2013	2-Hexanone	4	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-3-S3	10/8/2013	2-Methylnaphthalene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-3-S3	10/8/2013	2-Methylphenol (O-Cresol)	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S3	10/8/2013	2-Naphthylamine	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-3-S3	10/8/2013	2-Nitroaniline	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-3-S3	10/8/2013	2-Nitrophenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-3-S3	10/8/2013	2-Picoline	140	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-3-S3	10/8/2013	3,3'-Dichlorobenzidine	140	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-3-S3	10/8/2013	3,3'-Dimethylbenzidine	680	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-3-S3	10/8/2013	3-Methylcholanthrene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-3-S3	10/8/2013	3-Nitroaniline	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-3-S3	10/8/2013	4,6-Dinitro-2-Methylphenol	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-3-S3	10/8/2013	4-Aminobiphenyl	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-3-S3	10/8/2013	4-Bromophenyl Phenyl Ether	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-3-S3	10/8/2013	4-Chloro-3-Methylphenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S3	10/8/2013	4-Chloroaniline	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-3-S3	10/8/2013	4-Chlorophenyl Phenyl Ether	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-3-S3	10/8/2013	4-Dimethylaminoazobenzene	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S3	10/8/2013	4-Methylphenol (P-Cresol)	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S3	10/8/2013	4-Nitroaniline	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-3-S3	10/8/2013	4-Nitrophenol	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S3	10/8/2013	4-Nitroquinoline-N-Oxide	450	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-3-S3	10/8/2013	5-Nitro-Ortho-Toluidine	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-3-S3	10/8/2013	7,12-Dimethylbenz[A]Anthracene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-3-S3	10/8/2013	Acenaphthene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-3-S3	10/8/2013	Acenaphthylene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-3-S3	10/8/2013	Acetaldehyde	1400	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-3-S3	10/8/2013	Acetone	10	UG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S3	10/8/2013	Acetonitrile	33	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S3	10/8/2013	Acetophenone	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-3-S3	10/8/2013	Acrolein	27	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-3-S3	10/8/2013	Acrylonitrile	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-3-S3	10/8/2013	Allyl Chloride	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-3-S3	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	140	UG/KG	U	UJ		N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-3-S3	10/8/2013	Aniline	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-3-S3	10/8/2013	Anthracene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-3-S3	10/8/2013	Antimony	1.02	MG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-3-S3	10/8/2013	Aramite	91	UG/KG	U	UJ		N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-3-S3	10/8/2013	Barium	129	MG/KG				Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-3-S3	10/8/2013	Benzene	0.7	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-3-S3	10/8/2013	Benzo(A)Anthracene	5	UG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-3-S3	10/8/2013	Benzo(B)Fluoranthene	6	UG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-3-S3	10/8/2013	Benzo(G,H,I)Perylene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-3-S3	10/8/2013	Benzo(K)Fluoranthene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-3-S3	10/8/2013	Benzo[A]Pyrene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-3-S3	10/8/2013	Arsenic	4.71	MG/KG		J	Y	Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-3-S3	10/8/2013	Benzyl Alcohol	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S3	10/8/2013	Beryllium	0.819	MG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-3-S3	10/8/2013	Biphenyl	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-3-S3	10/8/2013	Bis(2-Chloroethoxy)Methane	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-3-S3	10/8/2013	Bis(2-Chloroethyl)Ether	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-3-S3	10/8/2013	Bis(2-Chloroisopropyl)Ether	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-3-S3	10/8/2013	Bis(2-Ethylhexyl)Phthalate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-3-S3	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-3-S3	10/8/2013	Bromoform	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-3-S3	10/8/2013	Butyl Benzyl Phthalate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-3-S3	10/8/2013	Cadmium	0.105	MG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-3-S3	10/8/2013	Carbon Disulfide	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S3	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-3-S3	10/8/2013	Chlorobenzene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-3-S3	10/8/2013	Chlorobenzilate	45	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-3-S3	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-3-S3	10/8/2013	Chloroform	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-3-S3	10/8/2013	Chloroprene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-3-S3	10/8/2013	Chromium	19.6	MG/KG		J		Y	4-5.5 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-3-S3	10/8/2013	Chrysene	5	UG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-3-S3	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-3-S3	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-3-S3	10/8/2013	Cobalt	1.06	MG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-3-S3	10/8/2013	Copper	2.07	MG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-3-S3	10/8/2013	Diallate	45	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-3-S3	10/8/2013	Dibenz(A,H)Anthracene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-3-S3	10/8/2013	Dibenzofuran	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-3-S3	10/8/2013	Dichlorodifluoromethane	3	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S3	10/8/2013	Diethyl Phthalate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-3-S3	10/8/2013	Diethylene Glycol	6900	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-3-S3	10/8/2013	Dimethoate	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S3	10/8/2013	Dimethyl Phthalate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-3-S3	10/8/2013	Di-N-Butyl Phthalate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-3-S3	10/8/2013	Diphenyl Ether	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-3-S3	10/8/2013	Ethyl Chloride	3	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-3-S3	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-3-S3	10/8/2013	Ethyl Methanesulfonate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S3	10/8/2013	Ethylbenzene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-3-S3	10/8/2013	Ethylene Glycol	6900	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S3	10/8/2013	Fluoranthene	5	UG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-3-S3	10/8/2013	Fluorene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-3-S3	10/8/2013	Hexachlorobenzene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-3-S3	10/8/2013	Hexachlorobutadiene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-3-S3	10/8/2013	Hexachlorocyclopentadiene	230	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-3-S3	10/8/2013	Hexachloroethane	45	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-3-S3	10/8/2013	Hexachloropropylene	140	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-3-S3	10/8/2013	Indeno (1,2,3-CD) Pyrene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-3-S3	10/8/2013	Iodomethane	4	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-3-S3	10/8/2013	Isobutyl Alcohol	130	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-3-S3	10/8/2013	Isodrin	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-3-S3	10/8/2013	Isophorone	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-3-S3	10/8/2013	Isosafrole	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-3-S3	10/8/2013	Lead	10.2	MG/KG		J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-3-S3	10/8/2013	Mercury	0.0129	MG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-3-S3	10/8/2013	Methacrylonitrile	7	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-3-S3	10/8/2013	Methapyrilene	2300	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-3-S3	10/8/2013	Methyl Bromide	3	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-3-S3	10/8/2013	Methyl Chloride	3	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-3-S3	10/8/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-3-S3	10/8/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-3-S3	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-3-S3	10/8/2013	Methyl Methanesulfonate	45	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-3-S3	10/8/2013	Methylene Bromide	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-3-S3	10/8/2013	Methylene Chloride	3	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-3-S3	10/8/2013	Naphthalene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-3-S3	10/8/2013	N-Dioctyl Phthalate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-3-S3	10/8/2013	Nickel	3.63	MG/KG				Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-3-S3	10/8/2013	Nitrobenzene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-3-S3	10/8/2013	N-Nitroso(Methyl)Ethylamine	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-3-S3	10/8/2013	N-Nitrosodiethylamine	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-3-S3	10/8/2013	N-Nitrosodimethylamine	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-3-S3	10/8/2013	N-Nitroso-Di-N-Butylamine	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-3-S3	10/8/2013	N-Nitrosodi-N-Propylamine	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-3-S3	10/8/2013	N-Nitrosodiphenylamine	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-3-S3	10/8/2013	N-Nitrosomorpholine	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-3-S3	10/8/2013	N-Nitrosopiperidine	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-3-S3	10/8/2013	N-Nitrosopyrrolidine	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-3-S3	10/8/2013	O,O,O-Triethylphosphorothioate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-3-S3	10/8/2013	O-Toluidine	270	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-3-S3	10/8/2013	para-Phenylenediamine	16000	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-3-S3	10/8/2013	Pentachlorobenzene	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-3-S3	10/8/2013	Pentachloroethane	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-3-S3	10/8/2013	Pentachloronitrobenzene	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-3-S3	10/8/2013	Pentachlorophenol	45	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-3-S3	10/8/2013	Phenacetin	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-3-S3	10/8/2013	Phenanthrene	5	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-3-S3	10/8/2013	Phenol	23	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-3-S3	10/8/2013	Pronamide	45	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-3-S3	10/8/2013	Propionitrile	40	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-3-S3	10/8/2013	Propylene Glycol	6900	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-3-S3	10/8/2013	Pyrene	6	UG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-3-S3	10/8/2013	Pyridine	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-3-S3	10/8/2013	Safrole	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-3-S3	10/8/2013	Selenium	0.284	MG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-3-S3	10/8/2013	Silver	0.235	MG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-3-S3	10/8/2013	Styrene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-3-S3	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-3-S3	10/8/2013	Tetraethyl Dithiopyrophosphate	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-3-S3	10/8/2013	Thallium	0.114	MG/KG	J	J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-3-S3	10/8/2013	Thionazin	91	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-3-S3	10/8/2013	Tin	2.37	MG/KG	J	B		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-3-S3	10/8/2013	Toluene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-3-S3	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-3-S3	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-3-S3	10/8/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-3-S3	10/8/2013	Trichloroethene	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-3-S3	10/8/2013	Trichlorofluoromethane	3	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-3-S3	10/8/2013	Triethylene Glycol	6900	UG/KG	U	UJ		N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-3-S3	10/8/2013	Vanadium	19	MG/KG		J		Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-3-S3	10/8/2013	Vinyl Acetate	3	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-3-S3	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-3-S3	10/8/2013	Xylenes	1	UG/KG	U			N	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-3-S3	10/8/2013	Zinc	17.2	MG/KG				Y	4-5.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-4-S2	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-4-S2	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-4-S2	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-4-S2	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-4-S2	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S2	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-4-S2	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-4-S2	10/8/2013	1,2,4,5-Tetrachlorobenzene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-4-S2	10/8/2013	1,2,4-Trichlorobenzene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-4-S2	10/8/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-4-S2	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-4-S2	10/8/2013	1,2-Dichlorobenzene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-4-S2	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S2	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-4-S2	10/8/2013	1,2-Diphenylhydrazine	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S2	10/8/2013	1,3,5-Trinitrobenzene	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-4-S2	10/8/2013	1,3-Dichlorobenzene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S2	10/8/2013	1,3-Dinitrobenzene	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-4-S2	10/8/2013	1,4-Dichlorobenzene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-4-S2	10/8/2013	1,4-Dioxane	5.8	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S2	10/8/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-4-S2	10/8/2013	1-Naphthylamine	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-4-S2	10/8/2013	2,3,4,6-Tetrachlorophenol	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-4-S2	10/8/2013	2,4,5-Trichlorophenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S2	10/8/2013	2,4,6-Trichlorophenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-4-S2	10/8/2013	2,4-Dichlorophenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-4-S2	10/8/2013	2,4-Dimethylphenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S2	10/8/2013	2,4-Dinitrophenol	380	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-4-S2	10/8/2013	2,4-Dinitrotoluene	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-4-S2	10/8/2013	2,6-Dichlorophenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-4-S2	10/8/2013	2,6-Dinitrotoluene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S2	10/8/2013	2-Acetylaminofluorene	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-4-S2	10/8/2013	2-Chloronaphthalene	9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-4-S2	10/8/2013	2-Chlorophenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-4-S2	10/8/2013	2-Hexanone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-4-S2	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-4-S2	10/8/2013	2-Methylphenol (O-Cresol)	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S2	10/8/2013	2-Naphthylamine	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-4-S2	10/8/2013	2-Nitroaniline	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-4-S2	10/8/2013	2-Nitrophenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-4-S2	10/8/2013	2-Picoline	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-4-S2	10/8/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-4-S2	10/8/2013	3,3'-Dimethylbenzidine	630	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-4-S2	10/8/2013	3-Methylcholanthrene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-4-S2	10/8/2013	3-Nitroaniline	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-4-S2	10/8/2013	4,6-Dinitro-2-Methylphenol	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-4-S2	10/8/2013	4-Aminobiphenyl	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-4-S2	10/8/2013	4-Bromophenyl Phenyl Ether	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S2	10/8/2013	4-Chloro-3-Methylphenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S2	10/8/2013	4-Chloroaniline	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-4-S2	10/8/2013	4-Chlorophenyl Phenyl Ether	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-4-S2	10/8/2013	4-Dimethylaminoazobenzene	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-4-S2	10/8/2013	4-Methylphenol (P-Cresol)	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S2	10/8/2013	4-Nitroaniline	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-4-S2	10/8/2013	4-Nitrophenol	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S2	10/8/2013	4-Nitroquinoline-N-Oxide	420	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-4-S2	10/8/2013	5-Nitro-Ortho-Toluidine	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-4-S2	10/8/2013	7,12-Dimethylbenz[A]Anthracene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-4-S2	10/8/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-4-S2	10/8/2013	Acenaphthylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-4-S2	10/8/2013	Acetaldehyde	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-4-S2	10/8/2013	Acetone	19	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-4-S2	10/8/2013	Acetonitrile	33	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S2	10/8/2013	Acetophenone	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-4-S2	10/8/2013	Acrolein	27	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-4-S2	10/8/2013	Acrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S2	10/8/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-4-S2	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-4-S2	10/8/2013	Aniline	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-4-S2	10/8/2013	Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-4-S2	10/8/2013	Antimony	0.916	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-4-S2	10/8/2013	Aramite	84	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-4-S2	10/8/2013	Arsenic	1.48	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-4-S2	10/8/2013	Barium	11.8	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-4-S2	10/8/2013	Benzene	0.7	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-4-S2	10/8/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S2	10/8/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S2	10/8/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-4-S2	10/8/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-4-S2	10/8/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-4-S2	10/8/2013	Benzyl Alcohol	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S2	10/8/2013	Beryllium	0.12	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-4-S2	10/8/2013	Biphenyl	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S2	10/8/2013	Bis(2-Chloroethoxy)Methane	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-4-S2	10/8/2013	Bis(2-Chloroethyl)Ether	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-4-S2	10/8/2013	Bis(2-Chloroisopropyl)Ether	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-4-S2	10/8/2013	Bis(2-Ethylhexyl)Phthalate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-4-S2	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-4-S2	10/8/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-4-S2	10/8/2013	Butyl Benzyl Phthalate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-4-S2	10/8/2013	Cadmium	0.0941	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-4-S2	10/8/2013	Carbon Disulfide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S2	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-4-S2	10/8/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-4-S2	10/8/2013	Chlorobenzilate	42	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-4-S2	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-4-S2	10/8/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-4-S2	10/8/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-4-S2	10/8/2013	Chromium	16.3	MG/KG		J		Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-4-S2	10/8/2013	Chrysene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-4-S2	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-4-S2	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-4-S2	10/8/2013	Cobalt	0.461	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-4-S2	10/8/2013	Copper	1.29	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-4-S2	10/8/2013	Diallate	42	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-4-S2	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-4-S2	10/8/2013	Dibenzofuran	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-4-S2	10/8/2013	Dichlorodifluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-4-S2	10/8/2013	Diethyl Phthalate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-4-S2	10/8/2013	Diethylene Glycol	6400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-4-S2	10/8/2013	Dimethoate	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S2	10/8/2013	Dimethyl Phthalate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-4-S2	10/8/2013	Di-N-Butyl Phthalate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S2	10/8/2013	Diphenyl Ether	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-4-S2	10/8/2013	Ethyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-4-S2	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-4-S2	10/8/2013	Ethyl Methanesulfonate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S2	10/8/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-4-S2	10/8/2013	Ethylene Glycol	6400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-4-S2	10/8/2013	Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-4-S2	10/8/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-4-S2	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-4-S2	10/8/2013	Hexachlorobutadiene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-4-S2	10/8/2013	Hexachlorocyclopentadiene	210	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S2	10/8/2013	Hexachloroethane	42	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-4-S2	10/8/2013	Hexachloropropylene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-4-S2	10/8/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S2	10/8/2013	Iodomethane	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-4-S2	10/8/2013	Isobutyl Alcohol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-4-S2	10/8/2013	Isodrin	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-4-S2	10/8/2013	Isophorone	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-4-S2	10/8/2013	Isosafrole	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-4-S2	10/8/2013	Lead	9.76	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-4-S2	10/8/2013	Mercury	0.0366	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-4-S2	10/8/2013	Methacrylonitrile	7	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-4-S2	10/8/2013	Methapyrilene	2100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-4-S2	10/8/2013	Methyl Bromide	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-4-S2	10/8/2013	Methyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-4-S2	10/8/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S2	10/8/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-4-S2	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-4-S2	10/8/2013	Methyl Methanesulfonate	42	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S2	10/8/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-4-S2	10/8/2013	Methylene Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-4-S2	10/8/2013	Naphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-4-S2	10/8/2013	N-Dioctyl Phthalate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-4-S2	10/8/2013	Nickel	1.64	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-4-S2	10/8/2013	Nitrobenzene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S2	10/8/2013	N-Nitroso(Methyl)Ethylamine	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-4-S2	10/8/2013	N-Nitrosodiethylamine	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-4-S2	10/8/2013	N-Nitrosodimethylamine	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-4-S2	10/8/2013	N-Nitroso-Di-N-Butylamine	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-4-S2	10/8/2013	N-Nitrosodi-N-Propylamine	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-4-S2	10/8/2013	N-Nitrosodiphenylamine	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-4-S2	10/8/2013	N-Nitrosomorpholine	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-4-S2	10/8/2013	N-Nitrosopiperidine	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-4-S2	10/8/2013	N-Nitrosopyrrolidine	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-4-S2	10/8/2013	O,O,O-Triethylphosphorothioate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-4-S2	10/8/2013	O-Toluidine	250	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-4-S2	10/8/2013	para-Phenylenediamine	15000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-4-S2	10/8/2013	Pentachlorobenzene	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-4-S2	10/8/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-4-S2	10/8/2013	Pentachloronitrobenzene	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-4-S2	10/8/2013	Pentachlorophenol	42	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-4-S2	10/8/2013	Phenacetin	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-4-S2	10/8/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-4-S2	10/8/2013	Phenol	21	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-4-S2	10/8/2013	Pronamide	42	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-4-S2	10/8/2013	Propionitrile	40	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-4-S2	10/8/2013	Propylene Glycol	6400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-4-S2	10/8/2013	Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-4-S2	10/8/2013	Pyridine	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-4-S2	10/8/2013	Safrole	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-4-S2	10/8/2013	Selenium	0.124	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S2	10/8/2013	Silver	0.211	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S2	10/8/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-4-S2	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-4-S2	10/8/2013	Tetraethyl Dithiopyrophosphate	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-4-S2	10/8/2013	Thallium	0.0961	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-4-S2	10/8/2013	Thionazin	84	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-4-S2	10/8/2013	Tin	2.43	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-4-S2	10/8/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-4-S2	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-4-S2	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-4-S2	10/8/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-4-S2	10/8/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-4-S2	10/8/2013	Trichlorofluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-4-S2	10/8/2013	Triethylene Glycol	6400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-4-S2	10/8/2013	Vanadium	17.6	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S2	10/8/2013	Vinyl Acetate	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-4-S2	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-4-S2	10/8/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-4-S2	10/8/2013	Zinc	4.21	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-4-S3	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-4-S3	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S3	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-4-S3	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-4-S3	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S3	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-4-S3	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-4-S3	10/8/2013	1,2,4,5-Tetrachlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-4-S3	10/8/2013	1,2,4-Trichlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-4-S3	10/8/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-4-S3	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-4-S3	10/8/2013	1,2-Dichlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-4-S3	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S3	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-4-S3	10/8/2013	1,2-Diphenylhydrazine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S3	10/8/2013	1,3,5-Trinitrobenzene	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-4-S3	10/8/2013	1,3-Dichlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S3	10/8/2013	1,3-Dinitrobenzene	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-4-S3	10/8/2013	1,4-Dichlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-4-S3	10/8/2013	1,4-Dioxane	7.1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S3	10/8/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-4-S3	10/8/2013	1-Naphthylamine	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-4-S3	10/8/2013	2,3,4,6-Tetrachlorophenol	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-4-S3	10/8/2013	2,4,5-Trichlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S3	10/8/2013	2,4,6-Trichlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-4-S3	10/8/2013	2,4-Dichlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-4-S3	10/8/2013	2,4-Dimethylphenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-4-S3	10/8/2013	2,4-Dinitrophenol	380	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-4-S3	10/8/2013	2,4-Dinitrotoluene	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-4-S3	10/8/2013	2,6-Dichlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-4-S3	10/8/2013	2,6-Dinitrotoluene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S3	10/8/2013	2-Acetylaminofluorene	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-4-S3	10/8/2013	2-Chloronaphthalene	9	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-4-S3	10/8/2013	2-Chlorophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-4-S3	10/8/2013	2-Hexanone	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-4-S3	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-4-S3	10/8/2013	2-Methylphenol (O-Cresol)	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S3	10/8/2013	2-Naphthylamine	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-4-S3	10/8/2013	2-Nitroaniline	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-4-S3	10/8/2013	2-Nitrophenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-4-S3	10/8/2013	2-Picoline	130	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-4-S3	10/8/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-4-S3	10/8/2013	3,3'-Dimethylbenzidine	630	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-4-S3	10/8/2013	3-Methylcholanthrene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-4-S3	10/8/2013	3-Nitroaniline	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-4-S3	10/8/2013	4,6-Dinitro-2-Methylphenol	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-4-S3	10/8/2013	4-Aminobiphenyl	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-4-S3	10/8/2013	4-Bromophenyl Phenyl Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-4-S3	10/8/2013	4-Chloro-3-Methylphenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S3	10/8/2013	4-Chloroaniline	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-4-S3	10/8/2013	4-Chlorophenyl Phenyl Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-4-S3	10/8/2013	4-Dimethylaminoazobenzene	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-4-S3	10/8/2013	4-Methylphenol (P-Cresol)	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S3	10/8/2013	4-Nitroaniline	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-4-S3	10/8/2013	4-Nitrophenol	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S3	10/8/2013	4-Nitroquinoline-N-Oxide	420	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-4-S3	10/8/2013	5-Nitro-Ortho-Toluidine	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-4-S3	10/8/2013	7,12-Dimethylbenz[A]Anthracene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S3	10/8/2013	Acenaphthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-4-S3	10/8/2013	Acenaphthylene	9	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-4-S3	10/8/2013	Acetaldehyde	1300	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-4-S3	10/8/2013	Acetone	21	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-4-S3	10/8/2013	Acetonitrile	33	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S3	10/8/2013	Acetophenone	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-4-S3	10/8/2013	Acrolein	27	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-4-S3	10/8/2013	Acrylonitrile	5	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-4-S3	10/8/2013	Allyl Chloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-4-S3	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-4-S3	10/8/2013	Aniline	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-4-S3	10/8/2013	Anthracene	11	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-4-S3	10/8/2013	Antimony	0.893	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-4-S3	10/8/2013	Aramite	83	UG/KG	U	UJ		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-4-S3	10/8/2013	Barium	29.9	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-4-S3	10/8/2013	Benzene	0.7	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-4-S3	10/8/2013	Benzo(A)Anthracene	25	UG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S3	10/8/2013	Benzo(B)Fluoranthene	50	UG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S3	10/8/2013	Benzo(G,H,I)Perylene	18	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-4-S3	10/8/2013	Benzo(K)Fluoranthene	20	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-4-S3	10/8/2013	Benzo[A]Pyrene	22	UG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-4-S3	10/8/2013	Arsenic	3.6	MG/KG		J	Y	Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-4-S3	10/8/2013	Benzyl Alcohol	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S3	10/8/2013	Beryllium	0.221	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-4-S3	10/8/2013	Biphenyl	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-4-S3	10/8/2013	Bis(2-Chloroethoxy)Methane	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-4-S3	10/8/2013	Bis(2-Chloroethyl)Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-4-S3	10/8/2013	Bis(2-Chloroisopropyl)Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-4-S3	10/8/2013	Bis(2-Ethylhexyl)Phthalate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-4-S3	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-4-S3	10/8/2013	Bromoform	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-4-S3	10/8/2013	Butyl Benzyl Phthalate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-4-S3	10/8/2013	Cadmium	0.0917	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-4-S3	10/8/2013	Carbon Disulfide	3	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S3	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-4-S3	10/8/2013	Chlorobenzene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-4-S3	10/8/2013	Chlorobenzilate	42	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-4-S3	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-4-S3	10/8/2013	Chloroform	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-4-S3	10/8/2013	Chloroprene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-4-S3	10/8/2013	Chromium	17.6	MG/KG		J		Y	4-6 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-4-S3	10/8/2013	Chrysene	47	UG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-4-S3	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-4-S3	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-4-S3	10/8/2013	Cobalt	0.542	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-4-S3	10/8/2013	Copper	2.05	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-4-S3	10/8/2013	Diallate	42	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-4-S3	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-4-S3	10/8/2013	Dibenzofuran	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-4-S3	10/8/2013	Dichlorodifluoromethane	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-4-S3	10/8/2013	Diethyl Phthalate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-4-S3	10/8/2013	Diethylene Glycol	6300	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-4-S3	10/8/2013	Dimethoate	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S3	10/8/2013	Dimethyl Phthalate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-4-S3	10/8/2013	Di-N-Butyl Phthalate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-4-S3	10/8/2013	Diphenyl Ether	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S3	10/8/2013	Ethyl Chloride	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-4-S3	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-4-S3	10/8/2013	Ethyl Methanesulfonate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S3	10/8/2013	Ethylbenzene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-4-S3	10/8/2013	Ethylene Glycol	6300	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-4-S3	10/8/2013	Fluoranthene	120	UG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-4-S3	10/8/2013	Fluorene	6	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-4-S3	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-4-S3	10/8/2013	Hexachlorobutadiene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-4-S3	10/8/2013	Hexachlorocyclopentadiene	210	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-4-S3	10/8/2013	Hexachloroethane	42	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-4-S3	10/8/2013	Hexachloropropylene	130	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-4-S3	10/8/2013	Indeno (1,2,3-CD) Pyrene	18	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-4-S3	10/8/2013	Iodomethane	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-4-S3	10/8/2013	Isobutyl Alcohol	130	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-4-S3	10/8/2013	Isodrin	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-4-S3	10/8/2013	Isophorone	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-4-S3	10/8/2013	Isosafrole	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-4-S3	10/8/2013	Lead	24.6	MG/KG		J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-4-S3	10/8/2013	Mercury	0.0511	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-4-S3	10/8/2013	Methacrylonitrile	7	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-4-S3	10/8/2013	Methapyrilene	2100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-4-S3	10/8/2013	Methyl Bromide	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-4-S3	10/8/2013	Methyl Chloride	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-4-S3	10/8/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-4-S3	10/8/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-4-S3	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-4-S3	10/8/2013	Methyl Methanesulfonate	42	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-4-S3	10/8/2013	Methylene Bromide	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-4-S3	10/8/2013	Methylene Chloride	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-4-S3	10/8/2013	Naphthalene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-4-S3	10/8/2013	N-Dioctyl Phthalate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-4-S3	10/8/2013	Nickel	2.17	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-4-S3	10/8/2013	Nitrobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-4-S3	10/8/2013	N-Nitroso(Methyl)Ethylamine	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-4-S3	10/8/2013	N-Nitrosodiethylamine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-4-S3	10/8/2013	N-Nitrosodimethylamine	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-4-S3	10/8/2013	N-Nitroso-Di-N-Butylamine	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-4-S3	10/8/2013	N-Nitrosodi-N-Propylamine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-4-S3	10/8/2013	N-Nitrosodiphenylamine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-4-S3	10/8/2013	N-Nitrosomorpholine	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-4-S3	10/8/2013	N-Nitrosopiperidine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-4-S3	10/8/2013	N-Nitrosopyrrolidine	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-4-S3	10/8/2013	O,O,O-Triethylphosphorothioate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-4-S3	10/8/2013	O-Toluidine	250	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-4-S3	10/8/2013	para-Phenylenediamine	15000	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-4-S3	10/8/2013	Pentachlorobenzene	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-4-S3	10/8/2013	Pentachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-4-S3	10/8/2013	Pentachloronitrobenzene	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-4-S3	10/8/2013	Pentachlorophenol	42	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-4-S3	10/8/2013	Phenacetin	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-4-S3	10/8/2013	Phenanthrene	20	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-4-S3	10/8/2013	Phenol	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-4-S3	10/8/2013	Pronamide	42	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-4-S3	10/8/2013	Propionitrile	40	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-4-S3	10/8/2013	Propylene Glycol	6300	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-4-S3	10/8/2013	Pyrene	98	UG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-4-S3	10/8/2013	Pyridine	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-4-S3	10/8/2013	Safrole	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-4-S3	10/8/2013	Selenium	0.194	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S3	10/8/2013	Silver	0.205	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S3	10/8/2013	Styrene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-4-S3	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-4-S3	10/8/2013	Tetraethyl Dithiopyrophosphate	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-4-S3	10/8/2013	Thallium	0.0816	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-4-S3	10/8/2013	Thionazin	83	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-4-S3	10/8/2013	Tin	2.1	MG/KG	J	B		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-4-S3	10/8/2013	Toluene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-4-S3	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-4-S3	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-4-S3	10/8/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-4-S3	10/8/2013	Trichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-4-S3	10/8/2013	Trichlorofluoromethane	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-4-S3	10/8/2013	Triethylene Glycol	6300	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-4-S3	10/8/2013	Vanadium	21.2	MG/KG		J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-4-S3	10/8/2013	Vinyl Acetate	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-4-S3	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-4-S3	10/8/2013	Xylenes	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-4-S3	10/8/2013	Zinc	9.16	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-5-S2	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-5-S2	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-5-S2	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-5-S2	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-5-S2	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S2	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-5-S2	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-5-S2	10/8/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-5-S2	10/8/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-5-S2	10/8/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-5-S2	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-5-S2	10/8/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-5-S2	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S2	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-5-S2	10/8/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S2	10/8/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-5-S2	10/8/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S2	10/8/2013	1,3-Dinitrobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-5-S2	10/8/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-5-S2	10/8/2013	1,4-Dioxane	24	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S2	10/8/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-5-S2	10/8/2013	1-Naphthylamine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-5-S2	10/8/2013	2,3,4,6-Tetrachlorophenol	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-5-S2	10/8/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S2	10/8/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-5-S2	10/8/2013	2,4-Dichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-5-S2	10/8/2013	2,4-Dimethylphenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-5-S2	10/8/2013	2,4-Dinitrophenol	370	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-5-S2	10/8/2013	2,4-Dinitrotoluene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-5-S2	10/8/2013	2,6-Dichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-5-S2	10/8/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S2	10/8/2013	2-Acetylaminofluorene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-5-S2	10/8/2013	2-Chloronaphthalene	9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S2	10/8/2013	2-Chlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-5-S2	10/8/2013	2-Hexanone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-5-S2	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-5-S2	10/8/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S2	10/8/2013	2-Naphthylamine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-5-S2	10/8/2013	2-Nitroaniline	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-5-S2	10/8/2013	2-Nitrophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-5-S2	10/8/2013	2-Picoline	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-5-S2	10/8/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-5-S2	10/8/2013	3,3'-Dimethylbenzidine	610	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-5-S2	10/8/2013	3-Methylcholanthrene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-5-S2	10/8/2013	3-Nitroaniline	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-5-S2	10/8/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-5-S2	10/8/2013	4-Aminobiphenyl	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-5-S2	10/8/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S2	10/8/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S2	10/8/2013	4-Chloroaniline	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-5-S2	10/8/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-5-S2	10/8/2013	4-Dimethylaminoazobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-5-S2	10/8/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S2	10/8/2013	4-Nitroaniline	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-5-S2	10/8/2013	4-Nitrophenol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S2	10/8/2013	4-Nitroquinoline-N-Oxide	410	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-5-S2	10/8/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-5-S2	10/8/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-5-S2	10/8/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-5-S2	10/8/2013	Acenaphthylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-5-S2	10/8/2013	Acetaldehyde	1200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-5-S2	10/8/2013	Acetone	66	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-5-S2	10/8/2013	Acetonitrile	32	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S2	10/8/2013	Acetophenone	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU14-TW-5-S2	10/8/2013	Acrolein	25	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-5-S2	10/8/2013	Acrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S2	10/8/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-5-S2	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-5-S2	10/8/2013	Aniline	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-5-S2	10/8/2013	Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-5-S2	10/8/2013	Antimony	0.888	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-5-S2	10/8/2013	Aramite	81	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-5-S2	10/8/2013	Arsenic	0.622	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-5-S2	10/8/2013	Barium	6.3	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-5-S2	10/8/2013	Benzene	0.6	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-5-S2	10/8/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S2	10/8/2013	Benzo(B)Fluoranthene	6	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S2	10/8/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-5-S2	10/8/2013	Benzo(K)Fluoranthene	9	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-5-S2	10/8/2013	Benzo[A]Pyrene	6	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-5-S2	10/8/2013	Benzyl Alcohol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S2	10/8/2013	Beryllium	0.0804	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-5-S2	10/8/2013	Biphenyl	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-5-S2	10/8/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-5-S2	10/8/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-5-S2	10/8/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-5-S2	10/8/2013	Bis(2-Ethylhexyl)Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-5-S2	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-5-S2	10/8/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S2	10/8/2013	Butyl Benzyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-5-S2	10/8/2013	Cadmium	0.0912	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-5-S2	10/8/2013	Carbon Disulfide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S2	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-5-S2	10/8/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-5-S2	10/8/2013	Chlorobenzilate	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-5-S2	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-5-S2	10/8/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-5-S2	10/8/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-5-S2	10/8/2013	Chromium	9.4	MG/KG		J		Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-5-S2	10/8/2013	Chrysene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-5-S2	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-5-S2	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-5-S2	10/8/2013	Cobalt	0.181	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-5-S2	10/8/2013	Copper	0.713	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-5-S2	10/8/2013	Diallate	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-5-S2	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-5-S2	10/8/2013	Dibenzofuran	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-5-S2	10/8/2013	Dichlorodifluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-5-S2	10/8/2013	Diethyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-5-S2	10/8/2013	Diethylene Glycol	6200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-5-S2	10/8/2013	Dimethoate	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S2	10/8/2013	Dimethyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-5-S2	10/8/2013	Di-N-Butyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S2	10/8/2013	Diphenyl Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-5-S2	10/8/2013	Ethyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-5-S2	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-5-S2	10/8/2013	Ethyl Methanesulfonate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S2	10/8/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-5-S2	10/8/2013	Ethylene Glycol	6200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-5-S2	10/8/2013	Fluoranthene	4	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-5-S2	10/8/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-5-S2	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-5-S2	10/8/2013	Hexachlorobutadiene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-5-S2	10/8/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S2	10/8/2013	Hexachloroethane	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-5-S2	10/8/2013	Hexachloropropylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-5-S2	10/8/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S2	10/8/2013	Iodomethane	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-5-S2	10/8/2013	Isobutyl Alcohol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-5-S2	10/8/2013	Isodrin	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-5-S2	10/8/2013	Isophorone	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-5-S2	10/8/2013	Isosafrole	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-5-S2	10/8/2013	Lead	5.4	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-5-S2	10/8/2013	Mercury	0.0142	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-5-S2	10/8/2013	Methacrylonitrile	6	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-5-S2	10/8/2013	Methapyrilene	2000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-5-S2	10/8/2013	Methyl Bromide	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-5-S2	10/8/2013	Methyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-5-S2	10/8/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-5-S2	10/8/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-5-S2	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-5-S2	10/8/2013	Methyl Methanesulfonate	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S2	10/8/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-5-S2	10/8/2013	Methylene Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-5-S2	10/8/2013	Naphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S2	10/8/2013	N-Dioctyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-5-S2	10/8/2013	Nickel	1.23	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-5-S2	10/8/2013	Nitrobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S2	10/8/2013	N-Nitroso(Methyl)Ethylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-5-S2	10/8/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-5-S2	10/8/2013	N-Nitrosodimethylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-5-S2	10/8/2013	N-Nitroso-Di-N-Butylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-5-S2	10/8/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-5-S2	10/8/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-5-S2	10/8/2013	N-Nitrosomorpholine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-5-S2	10/8/2013	N-Nitrosopiperidine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-5-S2	10/8/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-5-S2	10/8/2013	O,O,O-Triethylphosphorothioate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-5-S2	10/8/2013	O-Toluidine	240	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-5-S2	10/8/2013	para-Phenylenediamine	14000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-5-S2	10/8/2013	Pentachlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-5-S2	10/8/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-5-S2	10/8/2013	Pentachloronitrobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-5-S2	10/8/2013	Pentachlorophenol	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-5-S2	10/8/2013	Phenacetin	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-5-S2	10/8/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-5-S2	10/8/2013	Phenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-5-S2	10/8/2013	Pronamide	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-5-S2	10/8/2013	Propionitrile	38	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-5-S2	10/8/2013	Propylene Glycol	6200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-5-S2	10/8/2013	Pyrene	6	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-5-S2	10/8/2013	Pyridine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-5-S2	10/8/2013	Safrole	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-5-S2	10/8/2013	Selenium	0.12	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S2	10/8/2013	Silver	0.204	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S2	10/8/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU14-TW-5-S2	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-5-S2	10/8/2013	Tetraethyl Dithiopyrophosphate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-5-S2	10/8/2013	Thallium	0.0557	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-5-S2	10/8/2013	Thionazin	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-5-S2	10/8/2013	Tin	1.92	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-5-S2	10/8/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-5-S2	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-5-S2	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-5-S2	10/8/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-5-S2	10/8/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-5-S2	10/8/2013	Trichlorofluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-5-S2	10/8/2013	Triethylene Glycol	6200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-5-S2	10/8/2013	Vanadium	7.46	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S2	10/8/2013	Vinyl Acetate	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-5-S2	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-5-S2	10/8/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-5-S2	10/8/2013	Zinc	4.47	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU14-TW-5-S3	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU14-TW-5-S3	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU14-TW-5-S3	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU14-TW-5-S3	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-5-S3	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S3	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU14-TW-5-S3	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU14-TW-5-S3	10/8/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S3	10/8/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU14-TW-5-S3	10/8/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU14-TW-5-S3	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU14-TW-5-S3	10/8/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU14-TW-5-S3	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S3	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU14-TW-5-S3	10/8/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S3	10/8/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU14-TW-5-S3	10/8/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S3	10/8/2013	1,3-Dinitrobenzene	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-5-S3	10/8/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU14-TW-5-S3	10/8/2013	1,4-Dioxane	20	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S3	10/8/2013	1,4-Naphthoquinone	980	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU14-TW-5-S3	10/8/2013	1-Naphthylamine	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-5-S3	10/8/2013	2,3,4,6-Tetrachlorophenol	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU14-TW-5-S3	10/8/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S3	10/8/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-5-S3	10/8/2013	2,4-Dichlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-5-S3	10/8/2013	2,4-Dimethylphenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-5-S3	10/8/2013	2,4-Dinitrophenol	350	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU14-TW-5-S3	10/8/2013	2,4-Dinitrotoluene	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU14-TW-5-S3	10/8/2013	2,6-Dichlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU14-TW-5-S3	10/8/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S3	10/8/2013	2-Acetylaminofluorene	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU14-TW-5-S3	10/8/2013	2-Chloronaphthalene	8	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU14-TW-5-S3	10/8/2013	2-Chlorophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-5-S3	10/8/2013	2-Hexanone	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-5-S3	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU14-TW-5-S3	10/8/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S3	10/8/2013	2-Naphthylamine	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU14-TW-5-S3	10/8/2013	2-Nitroaniline	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-5-S3	10/8/2013	2-Nitrophenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU14-TW-5-S3	10/8/2013	2-Picoline	120	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-5-S3	10/8/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU14-TW-5-S3	10/8/2013	3,3'-Dimethylbenzidine	590	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU14-TW-5-S3	10/8/2013	3-Methylcholanthrene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-5-S3	10/8/2013	3-Nitroaniline	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-5-S3	10/8/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU14-TW-5-S3	10/8/2013	4-Aminobiphenyl	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU14-TW-5-S3	10/8/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU14-TW-5-S3	10/8/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S3	10/8/2013	4-Chloroaniline	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU14-TW-5-S3	10/8/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-5-S3	10/8/2013	4-Dimethylaminoazobenzene	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU14-TW-5-S3	10/8/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S3	10/8/2013	4-Nitroaniline	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU14-TW-5-S3	10/8/2013	4-Nitrophenol	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S3	10/8/2013	4-Nitroquinoline-N-Oxide	390	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU14-TW-5-S3	10/8/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU14-TW-5-S3	10/8/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU14-TW-5-S3	10/8/2013	Acenaphthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU14-TW-5-S3	10/8/2013	Acenaphthylene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU14-TW-5-S3	10/8/2013	Acetaldehyde	1200	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
SWMU14-TW-5-S3	10/8/2013	Acetone	31	UG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-5-S3	10/8/2013	Acetonitrile	37	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S3	10/8/2013	Acetophenone	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S3	10/8/2013	Acrolein	30	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU14-TW-5-S3	10/8/2013	Acrylonitrile	6	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU14-TW-5-S3	10/8/2013	Allyl Chloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-5-S3	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU14-TW-5-S3	10/8/2013	Aniline	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU14-TW-5-S3	10/8/2013	Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-5-S3	10/8/2013	Antimony	0.863	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU14-TW-5-S3	10/8/2013	Aramite	78	UG/KG	U	UJ		N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU14-TW-5-S3	10/8/2013	Arsenic	0.957	MG/KG		J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU14-TW-5-S3	10/8/2013	Barium	2.32	MG/KG				Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU14-TW-5-S3	10/8/2013	Benzene	0.7	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU14-TW-5-S3	10/8/2013	Benzo(A)Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S3	10/8/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S3	10/8/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU14-TW-5-S3	10/8/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU14-TW-5-S3	10/8/2013	Benzo[A]Pyrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-5-S3	10/8/2013	Benzyl Alcohol	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S3	10/8/2013	Beryllium	0.0781	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU14-TW-5-S3	10/8/2013	Biphenyl	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-5-S3	10/8/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU14-TW-5-S3	10/8/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-5-S3	10/8/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU14-TW-5-S3	10/8/2013	Bis(2-Ethylhexyl)Phthalate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU14-TW-5-S3	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU14-TW-5-S3	10/8/2013	Bromoform	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU14-TW-5-S3	10/8/2013	Butyl Benzyl Phthalate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU14-TW-5-S3	10/8/2013	Cadmium	0.0886	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU14-TW-5-S3	10/8/2013	Carbon Disulfide	2	UG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S3	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU14-TW-5-S3	10/8/2013	Chlorobenzene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU14-TW-5-S3	10/8/2013	Chlorobenzilate	39	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU14-TW-5-S3	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU14-TW-5-S3	10/8/2013	Chloroform	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU14-TW-5-S3	10/8/2013	Chloroprene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU14-TW-5-S3	10/8/2013	Chromium	4.36	MG/KG		J		Y	4-5 Feet	FS	Soil	Site Background	42.7
SWMU14-TW-5-S3	10/8/2013	Chrysene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU14-TW-5-S3	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU14-TW-5-S3	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-5-S3	10/8/2013	Cobalt	0.115	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU14-TW-5-S3	10/8/2013	Copper	0.338	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU14-TW-5-S3	10/8/2013	Diallate	39	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-5-S3	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU14-TW-5-S3	10/8/2013	Dibenzofuran	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU14-TW-5-S3	10/8/2013	Dichlorodifluoromethane	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU14-TW-5-S3	10/8/2013	Diethyl Phthalate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU14-TW-5-S3	10/8/2013	Diethylene Glycol	5900	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-5-S3	10/8/2013	Dimethoate	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S3	10/8/2013	Dimethyl Phthalate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU14-TW-5-S3	10/8/2013	Di-N-Butyl Phthalate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU14-TW-5-S3	10/8/2013	Diphenyl Ether	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU14-TW-5-S3	10/8/2013	Ethyl Chloride	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU14-TW-5-S3	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU14-TW-5-S3	10/8/2013	Ethyl Methanesulfonate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S3	10/8/2013	Ethylbenzene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU14-TW-5-S3	10/8/2013	Ethylene Glycol	5900	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-5-S3	10/8/2013	Fluoranthene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S3	10/8/2013	Fluorene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU14-TW-5-S3	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU14-TW-5-S3	10/8/2013	Hexachlorobutadiene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-5-S3	10/8/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU14-TW-5-S3	10/8/2013	Hexachloroethane	39	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU14-TW-5-S3	10/8/2013	Hexachloropropylene	120	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU14-TW-5-S3	10/8/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU14-TW-5-S3	10/8/2013	Iodomethane	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-5-S3	10/8/2013	Isobutyl Alcohol	150	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-5-S3	10/8/2013	Isodrin	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU14-TW-5-S3	10/8/2013	Isophorone	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU14-TW-5-S3	10/8/2013	Isosafrole	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-5-S3	10/8/2013	Lead	2.5	MG/KG		J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU14-TW-5-S3	10/8/2013	Mercury	0.0118	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU14-TW-5-S3	10/8/2013	Methacrylonitrile	7	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-5-S3	10/8/2013	Methapyrilene	2000	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU14-TW-5-S3	10/8/2013	Methyl Bromide	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU14-TW-5-S3	10/8/2013	Methyl Chloride	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU14-TW-5-S3	10/8/2013	Methyl Ethyl Ketone	6	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU14-TW-5-S3	10/8/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU14-TW-5-S3	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU14-TW-5-S3	10/8/2013	Methyl Methanesulfonate	39	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU14-TW-5-S3	10/8/2013	Methylene Bromide	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU14-TW-5-S3	10/8/2013	Methylene Chloride	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU14-TW-5-S3	10/8/2013	Naphthalene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU14-TW-5-S3	10/8/2013	N-Dioctyl Phthalate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU14-TW-5-S3	10/8/2013	Nickel	0.428	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU14-TW-5-S3	10/8/2013	Nitrobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU14-TW-5-S3	10/8/2013	N-Nitroso(Methyl)Ethylamine	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU14-TW-5-S3	10/8/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU14-TW-5-S3	10/8/2013	N-Nitrosodimethylamine	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU14-TW-5-S3	10/8/2013	N-Nitroso-Di-N-Butylamine	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU14-TW-5-S3	10/8/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU14-TW-5-S3	10/8/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU14-TW-5-S3	10/8/2013	N-Nitrosomorpholine	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU14-TW-5-S3	10/8/2013	N-Nitrosopiperidine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU14-TW-5-S3	10/8/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU14-TW-5-S3	10/8/2013	O,O,O-Triethylphosphorothioate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU14-TW-5-S3	10/8/2013	O-Toluidine	230	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU14-TW-5-S3	10/8/2013	para-Phenylenediamine	14000	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU14-TW-5-S3	10/8/2013	Pentachlorobenzene	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU14-TW-5-S3	10/8/2013	Pentachloroethane	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU14-TW-5-S3	10/8/2013	Pentachloronitrobenzene	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU14-TW-5-S3	10/8/2013	Pentachlorophenol	39	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU14-TW-5-S3	10/8/2013	Phenacetin	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU14-TW-5-S3	10/8/2013	Phenanthrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU14-TW-5-S3	10/8/2013	Phenol	20	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU14-TW-5-S3	10/8/2013	Pronamide	39	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU14-TW-5-S3	10/8/2013	Propionitrile	45	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU14-TW-5-S3	10/8/2013	Propylene Glycol	5900	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU14-TW-5-S3	10/8/2013	Pyrene	4	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU14-TW-5-S3	10/8/2013	Pyridine	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU14-TW-5-S3	10/8/2013	Safrole	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU14-TW-5-S3	10/8/2013	Selenium	0.117	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S3	10/8/2013	Silver	0.198	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S3	10/8/2013	Styrene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU14-TW-5-S3	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU14-TW-5-S3	10/8/2013	Tetraethyl Dithiopyrophosphate	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU14-TW-5-S3	10/8/2013	Thallium	0.035	MG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU14-TW-5-S3	10/8/2013	Thionazin	78	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU14-TW-5-S3	10/8/2013	Tin	2.12	MG/KG	J	B		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU14-TW-5-S3	10/8/2013	Toluene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-5-S3	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU14-TW-5-S3	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU14-TW-5-S3	10/8/2013	trans-1,4-Dichlorobutene-2	15	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU14-TW-5-S3	10/8/2013	Trichloroethene	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU14-TW-5-S3	10/8/2013	Trichlorofluoromethane	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU14-TW-5-S3	10/8/2013	Triethylene Glycol	5900	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU14-TW-5-S3	10/8/2013	Vanadium	7.04	MG/KG		J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU14-TW-5-S3	10/8/2013	Vinyl Acetate	3	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU14-TW-5-S3	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU14-TW-5-S3	10/8/2013	Xylenes	1	UG/KG	U			N	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU14-TW-5-S3	10/8/2013	Zinc	1.11	MG/KG	J	J		Y	4-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU51-TW-1-S2	9/30/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU51-TW-1-S2	9/30/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU51-TW-1-S2	9/30/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU51-TW-1-S2	9/30/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU51-TW-1-S2	9/30/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-1-S2	9/30/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU51-TW-1-S2	9/30/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU51-TW-1-S2	9/30/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU51-TW-1-S2	9/30/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU51-TW-1-S2	9/30/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU51-TW-1-S2	9/30/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU51-TW-1-S2	9/30/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU51-TW-1-S2	9/30/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-1-S2	9/30/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU51-TW-1-S2	9/30/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-1-S2	9/30/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU51-TW-1-S2	9/30/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-1-S2	9/30/2013	1,3-Dinitrobenzene	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU51-TW-1-S2	9/30/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU51-TW-1-S2	9/30/2013	1,4-Dioxane	5.6	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-1-S2	9/30/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU51-TW-1-S2	9/30/2013	1-Naphthylamine	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU51-TW-1-S2	9/30/2013	2,3,4,6-Tetrachlorophenol	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU51-TW-1-S2	9/30/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S2	9/30/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU51-TW-1-S2	9/30/2013	2,4-Dichlorophenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU51-TW-1-S2	9/30/2013	2,4-Dimethylphenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU51-TW-1-S2	9/30/2013	2,4-Dinitrophenol	360	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU51-TW-1-S2	9/30/2013	2,4-Dinitrotoluene	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU51-TW-1-S2	9/30/2013	2,6-Dichlorophenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU51-TW-1-S2	9/30/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-1-S2	9/30/2013	2-Acetylaminofluorene	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU51-TW-1-S2	9/30/2013	2-Chloronaphthalene	8	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU51-TW-1-S2	9/30/2013	2-Chlorophenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU51-TW-1-S2	9/30/2013	2-Hexanone	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU51-TW-1-S2	9/30/2013	2-Methylnaphthalene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU51-TW-1-S2	9/30/2013	2-Methylnaphthalene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU51-TW-1-S2	9/30/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S2	9/30/2013	2-Naphthylamine	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-1-S2	9/30/2013	2-Nitroaniline	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU51-TW-1-S2	9/30/2013	2-Nitrophenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU51-TW-1-S2	9/30/2013	2-Picoline	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU51-TW-1-S2	9/30/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU51-TW-1-S2	9/30/2013	3,3'-Dimethylbenzidine	600	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU51-TW-1-S2	9/30/2013	3-Methylcholanthrene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU51-TW-1-S2	9/30/2013	3-Nitroaniline	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU51-TW-1-S2	9/30/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU51-TW-1-S2	9/30/2013	4-Aminobiphenyl	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU51-TW-1-S2	9/30/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-1-S2	9/30/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S2	9/30/2013	4-Chloroaniline	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU51-TW-1-S2	9/30/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU51-TW-1-S2	9/30/2013	4-Dimethylaminoazobenzene	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU51-TW-1-S2	9/30/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S2	9/30/2013	4-Nitroaniline	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU51-TW-1-S2	9/30/2013	4-Nitrophenol	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-1-S2	9/30/2013	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU51-TW-1-S2	9/30/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU51-TW-1-S2	9/30/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU51-TW-1-S2	9/30/2013	Acenaphthene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU51-TW-1-S2	9/30/2013	Acenaphthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU51-TW-1-S2	9/30/2013	Acenaphthylene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU51-TW-1-S2	9/30/2013	Acenaphthylene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU51-TW-1-S2	9/30/2013	Acetone	8	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU51-TW-1-S2	9/30/2013	Acetonitrile	26	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-1-S2	9/30/2013	Acetophenone	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU51-TW-1-S2	9/30/2013	Acrolein	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-1-S2	9/30/2013	Acrylonitrile	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-1-S2	9/30/2013	Allyl Chloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU51-TW-1-S2	9/30/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU51-TW-1-S2	9/30/2013	Aniline	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU51-TW-1-S2	9/30/2013	Anthracene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-1-S2	9/30/2013	Anthracene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-1-S2	9/30/2013	Aramite	81	UG/KG	U	UJ		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU51-TW-1-S2	9/30/2013	Benzene	90	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU51-TW-1-S2	9/30/2013	Benzene	0.5	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU51-TW-1-S2	9/30/2013	Benzo(A)Anthracene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S2	9/30/2013	Benzo(A)Anthracene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S2	9/30/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S2	9/30/2013	Benzo(B)Fluoranthene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S2	9/30/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU51-TW-1-S2	9/30/2013	Benzo(G,H,I)Perylene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU51-TW-1-S2	9/30/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU51-TW-1-S2	9/30/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU51-TW-1-S2	9/30/2013	Benzo[A]Pyrene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-1-S2	9/30/2013	Benzo[A]Pyrene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-1-S2	9/30/2013	Benzyl Alcohol	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S2	9/30/2013	Biphenyl	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU51-TW-1-S2	9/30/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU51-TW-1-S2	9/30/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU51-TW-1-S2	9/30/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU51-TW-1-S2	9/30/2013	Bis(2-Ethylhexyl)Phthalate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU51-TW-1-S2	9/30/2013	Bromodichloromethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU51-TW-1-S2	9/30/2013	Bromoform	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU51-TW-1-S2	9/30/2013	Butyl Benzyl Phthalate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-1-S2	9/30/2013	C11 to C22 Aromatics	15	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-1-S2	9/30/2013	C19 to C36 Aliphatics	15	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU51-TW-1-S2	9/30/2013	C5 - C8 Aliphatic Hydrocarbons	5.83	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU51-TW-1-S2	9/30/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	5.83	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU51-TW-1-S2	9/30/2013	C9 through C10 Aromatic Hydrocarbons	5.83	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU51-TW-1-S2	9/30/2013	C9 through C12 Aliphatic Hydrocarbons	5.83	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-1-S2	9/30/2013	C9 to C18 Aliphatics	7.3	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-1-S2	9/30/2013	Carbon Disulfide	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-1-S2	9/30/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU51-TW-1-S2	9/30/2013	Chlorobenzene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU51-TW-1-S2	9/30/2013	Chlorobenzilate	40	UG/KG	U	UJ		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU51-TW-1-S2	9/30/2013	Chlorodibromomethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU51-TW-1-S2	9/30/2013	Chloroform	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU51-TW-1-S2	9/30/2013	Chloroprene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU51-TW-1-S2	9/30/2013	Chrysene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU51-TW-1-S2	9/30/2013	Chrysene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU51-TW-1-S2	9/30/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU51-TW-1-S2	9/30/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU51-TW-1-S2	9/30/2013	Diallate	40	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU51-TW-1-S2	9/30/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-1-S2	9/30/2013	Dibenz(A,H)Anthracene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-1-S2	9/30/2013	Dibenzofuran	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU51-TW-1-S2	9/30/2013	Dichlorodifluoromethane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU51-TW-1-S2	9/30/2013	Diethyl Phthalate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU51-TW-1-S2	9/30/2013	Dimethoate	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-1-S2	9/30/2013	Dimethyl Phthalate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU51-TW-1-S2	9/30/2013	Di-N-Butyl Phthalate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-1-S2	9/30/2013	Diphenyl Ether	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU51-TW-1-S2	9/30/2013	Ethyl Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU51-TW-1-S2	9/30/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU51-TW-1-S2	9/30/2013	Ethyl Methanesulfonate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-1-S2	9/30/2013	Ethylbenzene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU51-TW-1-S2	9/30/2013	Ethylbenzene	100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU51-TW-1-S2	9/30/2013	Fluoranthene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-1-S2	9/30/2013	Fluoranthene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-1-S2	9/30/2013	Fluorene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-1-S2	9/30/2013	Fluorene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-1-S2	9/30/2013	Hexachlorobenzene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU51-TW-1-S2	9/30/2013	Hexachlorobutadiene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU51-TW-1-S2	9/30/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-1-S2	9/30/2013	Hexachloroethane	40	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU51-TW-1-S2	9/30/2013	Hexachloropropylene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU51-TW-1-S2	9/30/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S2	9/30/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-1-S2	9/30/2013	Iodomethane	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU51-TW-1-S2	9/30/2013	Isobutyl Alcohol	100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU51-TW-1-S2	9/30/2013	Isodrin	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU51-TW-1-S2	9/30/2013	Isophorone	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU51-TW-1-S2	9/30/2013	Isosafrole	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU51-TW-1-S2	9/30/2013	Meta- And Para-Xylene	100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU51-TW-1-S2	9/30/2013	Methacrylonitrile	5	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-1-S2	9/30/2013	Methapyrilene	2000	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU51-TW-1-S2	9/30/2013	Methyl Bromide	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU51-TW-1-S2	9/30/2013	Methyl Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU51-TW-1-S2	9/30/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU51-TW-1-S2	9/30/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-1-S2	9/30/2013	Methyl Methacrylate	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU51-TW-1-S2	9/30/2013	Methyl Methanesulfonate	40	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-1-S2	9/30/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU51-TW-1-S2	9/30/2013	Methylene Bromide	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU51-TW-1-S2	9/30/2013	Methylene Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU51-TW-1-S2	9/30/2013	Naphthalene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-1-S2	9/30/2013	Naphthalene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-1-S2	9/30/2013	Naphthalene	300	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-1-S2	9/30/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	5.83	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-1-S2	9/30/2013	N-Dioctyl Phthalate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU51-TW-1-S2	9/30/2013	Nitrobenzene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-1-S2	9/30/2013	N-Nitroso(Methyl)Ethylamine	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU51-TW-1-S2	9/30/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU51-TW-1-S2	9/30/2013	N-Nitrosodimethylamine	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU51-TW-1-S2	9/30/2013	N-Nitroso-Di-N-Butylamine	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU51-TW-1-S2	9/30/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU51-TW-1-S2	9/30/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU51-TW-1-S2	9/30/2013	N-Nitrosomorpholine	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU51-TW-1-S2	9/30/2013	N-Nitrosopiperidine	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU51-TW-1-S2	9/30/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU51-TW-1-S2	9/30/2013	O,O,O-Triethylphosphorothioate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU51-TW-1-S2	9/30/2013	Ortho-Xylene	100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU51-TW-1-S2	9/30/2013	O-Toluidine	240	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU51-TW-1-S2	9/30/2013	para-Phenylenediamine	14000	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU51-TW-1-S2	9/30/2013	Pentachlorobenzene	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU51-TW-1-S2	9/30/2013	Pentachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU51-TW-1-S2	9/30/2013	Pentachloronitrobenzene	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU51-TW-1-S2	9/30/2013	Pentachlorophenol	40	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU51-TW-1-S2	9/30/2013	Phenacetin	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU51-TW-1-S2	9/30/2013	Phenanthrene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU51-TW-1-S2	9/30/2013	Phenanthrene	120	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU51-TW-1-S2	9/30/2013	Phenol	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU51-TW-1-S2	9/30/2013	Pronamide	40	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU51-TW-1-S2	9/30/2013	Propionitrile	31	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU51-TW-1-S2	9/30/2013	Pyrene	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU51-TW-1-S2	9/30/2013	Pyrene	480	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU51-TW-1-S2	9/30/2013	Pyridine	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU51-TW-1-S2	9/30/2013	Safrole	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU51-TW-1-S2	9/30/2013	Styrene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU51-TW-1-S2	9/30/2013	Tetrachloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU51-TW-1-S2	9/30/2013	Tetraethyl Dithiopyrophosphate	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU51-TW-1-S2	9/30/2013	Thionazin	81	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU51-TW-1-S2	9/30/2013	Toluene	100	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-1-S2	9/30/2013	Toluene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-1-S2	9/30/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU51-TW-1-S2	9/30/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU51-TW-1-S2	9/30/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU51-TW-1-S2	9/30/2013	Trichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU51-TW-1-S2	9/30/2013	Trichlorofluoromethane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU51-TW-1-S2	9/30/2013	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-1-S2	9/30/2013	Vinyl Acetate	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-1-S2	9/30/2013	Vinyl Chloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU51-TW-1-S2	9/30/2013	Xylenes	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU51-TW-2-S2	9/30/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU51-TW-2-S2	9/30/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU51-TW-2-S2	9/30/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-2-S2	9/30/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU51-TW-2-S2	9/30/2013	1,1-Dichloroethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-2-S2	9/30/2013	1,1-Dichloroethene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU51-TW-2-S2	9/30/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU51-TW-2-S2	9/30/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU51-TW-2-S2	9/30/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU51-TW-2-S2	9/30/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU51-TW-2-S2	9/30/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU51-TW-2-S2	9/30/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU51-TW-2-S2	9/30/2013	1,2-Dichloroethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-2-S2	9/30/2013	1,2-Dichloropropane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU51-TW-2-S2	9/30/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-2-S2	9/30/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU51-TW-2-S2	9/30/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-2-S2	9/30/2013	1,3-Dinitrobenzene	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU51-TW-2-S2	9/30/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU51-TW-2-S2	9/30/2013	1,4-Dioxane	4.5	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-2-S2	9/30/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU51-TW-2-S2	9/30/2013	1-Naphthylamine	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU51-TW-2-S2	9/30/2013	2,3,4,6-Tetrachlorophenol	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU51-TW-2-S2	9/30/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S2	9/30/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU51-TW-2-S2	9/30/2013	2,4-Dichlorophenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU51-TW-2-S2	9/30/2013	2,4-Dimethylphenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU51-TW-2-S2	9/30/2013	2,4-Dinitrophenol	360	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU51-TW-2-S2	9/30/2013	2,4-Dinitrotoluene	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU51-TW-2-S2	9/30/2013	2,6-Dichlorophenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU51-TW-2-S2	9/30/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-2-S2	9/30/2013	2-Acetylaminofluorene	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU51-TW-2-S2	9/30/2013	2-Chloronaphthalene	8	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU51-TW-2-S2	9/30/2013	2-Chlorophenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU51-TW-2-S2	9/30/2013	2-Hexanone	3	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU51-TW-2-S2	9/30/2013	2-Methylnaphthalene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU51-TW-2-S2	9/30/2013	2-Methylnaphthalene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU51-TW-2-S2	9/30/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S2	9/30/2013	2-Naphthylamine	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU51-TW-2-S2	9/30/2013	2-Nitroaniline	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU51-TW-2-S2	9/30/2013	2-Nitrophenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU51-TW-2-S2	9/30/2013	2-Picoline	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU51-TW-2-S2	9/30/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU51-TW-2-S2	9/30/2013	3,3'-Dimethylbenzidine	600	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU51-TW-2-S2	9/30/2013	3-Methylcholanthrene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU51-TW-2-S2	9/30/2013	3-Nitroaniline	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU51-TW-2-S2	9/30/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU51-TW-2-S2	9/30/2013	4-Aminobiphenyl	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU51-TW-2-S2	9/30/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU51-TW-2-S2	9/30/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S2	9/30/2013	4-Chloroaniline	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU51-TW-2-S2	9/30/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU51-TW-2-S2	9/30/2013	4-Dimethylaminoazobenzene	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU51-TW-2-S2	9/30/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S2	9/30/2013	4-Nitroaniline	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU51-TW-2-S2	9/30/2013	4-Nitrophenol	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-2-S2	9/30/2013	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU51-TW-2-S2	9/30/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU51-TW-2-S2	9/30/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-2-S2	9/30/2013	Acenaphthene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU51-TW-2-S2	9/30/2013	Acenaphthene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU51-TW-2-S2	9/30/2013	Acenaphthylene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU51-TW-2-S2	9/30/2013	Acenaphthylene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU51-TW-2-S2	9/30/2013	Acetone	7	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU51-TW-2-S2	9/30/2013	Acetonitrile	25	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-2-S2	9/30/2013	Acetophenone	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU51-TW-2-S2	9/30/2013	Acrolein	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-2-S2	9/30/2013	Acrylonitrile	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU51-TW-2-S2	9/30/2013	Allyl Chloride	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU51-TW-2-S2	9/30/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU51-TW-2-S2	9/30/2013	Aniline	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU51-TW-2-S2	9/30/2013	Anthracene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-2-S2	9/30/2013	Anthracene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-2-S2	9/30/2013	Aramite	80	UG/KG	U	UJ		N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU51-TW-2-S2	9/30/2013	Benzene	90	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU51-TW-2-S2	9/30/2013	Benzene	0.5	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU51-TW-2-S2	9/30/2013	Benzo(A)Anthracene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S2	9/30/2013	Benzo(A)Anthracene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S2	9/30/2013	Benzo(B)Fluoranthene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S2	9/30/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S2	9/30/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU51-TW-2-S2	9/30/2013	Benzo(G,H,I)Perylene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU51-TW-2-S2	9/30/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU51-TW-2-S2	9/30/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU51-TW-2-S2	9/30/2013	Benzo[A]Pyrene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-2-S2	9/30/2013	Benzo[A]Pyrene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-2-S2	9/30/2013	Benzyl Alcohol	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S2	9/30/2013	Biphenyl	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU51-TW-2-S2	9/30/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU51-TW-2-S2	9/30/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU51-TW-2-S2	9/30/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU51-TW-2-S2	9/30/2013	Bis(2-Ethylhexyl)Phthalate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU51-TW-2-S2	9/30/2013	Bromodichloromethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU51-TW-2-S2	9/30/2013	Bromoform	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU51-TW-2-S2	9/30/2013	Butyl Benzyl Phthalate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU51-TW-2-S2	9/30/2013	C11 to C22 Aromatics	14	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-2-S2	9/30/2013	C19 to C36 Aliphatics	14	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU51-TW-2-S2	9/30/2013	C5 - C8 Aliphatic Hydrocarbons	5.51	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU51-TW-2-S2	9/30/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	5.51	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU51-TW-2-S2	9/30/2013	C9 through C10 Aromatic Hydrocarbons	5.51	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU51-TW-2-S2	9/30/2013	C9 through C12 Aliphatic Hydrocarbons	5.51	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-2-S2	9/30/2013	C9 to C18 Aliphatics	7.2	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-2-S2	9/30/2013	Carbon Disulfide	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-2-S2	9/30/2013	Carbon Tetrachloride	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU51-TW-2-S2	9/30/2013	Chlorobenzene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU51-TW-2-S2	9/30/2013	Chlorobenzilate	40	UG/KG	U	UJ		N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU51-TW-2-S2	9/30/2013	Chlorodibromomethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU51-TW-2-S2	9/30/2013	Chloroform	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU51-TW-2-S2	9/30/2013	Chloroprene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU51-TW-2-S2	9/30/2013	Chrysene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU51-TW-2-S2	9/30/2013	Chrysene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU51-TW-2-S2	9/30/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU51-TW-2-S2	9/30/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU51-TW-2-S2	9/30/2013	Diallate	40	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU51-TW-2-S2	9/30/2013	Dibenz(A,H)Anthracene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-2-S2	9/30/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU51-TW-2-S2	9/30/2013	Dibenzofuran	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU51-TW-2-S2	9/30/2013	Dichlorodifluoromethane	2	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU51-TW-2-S2	9/30/2013	Diethyl Phthalate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU51-TW-2-S2	9/30/2013	Dimethoate	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-2-S2	9/30/2013	Dimethyl Phthalate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU51-TW-2-S2	9/30/2013	Di-N-Butyl Phthalate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU51-TW-2-S2	9/30/2013	Diphenyl Ether	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU51-TW-2-S2	9/30/2013	Ethyl Chloride	2	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU51-TW-2-S2	9/30/2013	Ethyl Methacrylate	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU51-TW-2-S2	9/30/2013	Ethyl Methanesulfonate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-2-S2	9/30/2013	Ethylbenzene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU51-TW-2-S2	9/30/2013	Ethylbenzene	100	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU51-TW-2-S2	9/30/2013	Fluoranthene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-2-S2	9/30/2013	Fluoranthene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-2-S2	9/30/2013	Fluorene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-2-S2	9/30/2013	Fluorene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU51-TW-2-S2	9/30/2013	Hexachlorobenzene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU51-TW-2-S2	9/30/2013	Hexachlorobutadiene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU51-TW-2-S2	9/30/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU51-TW-2-S2	9/30/2013	Hexachloroethane	40	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU51-TW-2-S2	9/30/2013	Hexachloropropylene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU51-TW-2-S2	9/30/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S2	9/30/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU51-TW-2-S2	9/30/2013	Iodomethane	3	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU51-TW-2-S2	9/30/2013	Isobutyl Alcohol	100	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU51-TW-2-S2	9/30/2013	Isodrin	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU51-TW-2-S2	9/30/2013	Isophorone	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU51-TW-2-S2	9/30/2013	Isosafrole	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU51-TW-2-S2	9/30/2013	Meta- And Para-Xylene	100	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU51-TW-2-S2	9/30/2013	Methacrylonitrile	5	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-2-S2	9/30/2013	Methapyrilene	2000	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU51-TW-2-S2	9/30/2013	Methyl Bromide	2	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU51-TW-2-S2	9/30/2013	Methyl Chloride	2	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU51-TW-2-S2	9/30/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU51-TW-2-S2	9/30/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU51-TW-2-S2	9/30/2013	Methyl Methacrylate	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU51-TW-2-S2	9/30/2013	Methyl Methanesulfonate	40	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU51-TW-2-S2	9/30/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU51-TW-2-S2	9/30/2013	Methylene Bromide	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU51-TW-2-S2	9/30/2013	Methylene Chloride	2	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU51-TW-2-S2	9/30/2013	Naphthalene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-2-S2	9/30/2013	Naphthalene	300	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-2-S2	9/30/2013	Naphthalene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU51-TW-2-S2	9/30/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	5.51	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU51-TW-2-S2	9/30/2013	N-Dioctyl Phthalate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU51-TW-2-S2	9/30/2013	Nitrobenzene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU51-TW-2-S2	9/30/2013	N-Nitroso(Methyl)Ethylamine	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU51-TW-2-S2	9/30/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU51-TW-2-S2	9/30/2013	N-Nitrosodimethylamine	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU51-TW-2-S2	9/30/2013	N-Nitroso-Di-N-Butylamine	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU51-TW-2-S2	9/30/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU51-TW-2-S2	9/30/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU51-TW-2-S2	9/30/2013	N-Nitrosomorpholine	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU51-TW-2-S2	9/30/2013	N-Nitrosopiperidine	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU51-TW-2-S2	9/30/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU51-TW-2-S2	9/30/2013	O,O,O-Triethylphosphorothioate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU51-TW-2-S2	9/30/2013	Ortho-Xylene	100	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU51-TW-2-S2	9/30/2013	O-Toluidine	240	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU51-TW-2-S2	9/30/2013	para-Phenylenediamine	14000	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU51-TW-2-S2	9/30/2013	Pentachlorobenzene	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU51-TW-2-S2	9/30/2013	Pentachloroethane	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU51-TW-2-S2	9/30/2013	Pentachloronitrobenzene	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU51-TW-2-S2	9/30/2013	Pentachlorophenol	40	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU51-TW-2-S2	9/30/2013	Phenacetin	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU51-TW-2-S2	9/30/2013	Phenanthrene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU51-TW-2-S2	9/30/2013	Phenanthrene	120	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU51-TW-2-S2	9/30/2013	Phenol	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU51-TW-2-S2	9/30/2013	Pronamide	40	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU51-TW-2-S2	9/30/2013	Propionitrile	30	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU51-TW-2-S2	9/30/2013	Pyrene	4	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU51-TW-2-S2	9/30/2013	Pyrene	480	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU51-TW-2-S2	9/30/2013	Pyridine	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU51-TW-2-S2	9/30/2013	Safrole	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU51-TW-2-S2	9/30/2013	Styrene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU51-TW-2-S2	9/30/2013	Tetrachloroethene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU51-TW-2-S2	9/30/2013	Tetraethyl Dithiopyrophosphate	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU51-TW-2-S2	9/30/2013	Thionazin	80	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU51-TW-2-S2	9/30/2013	Toluene	100	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-2-S2	9/30/2013	Toluene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-2-S2	9/30/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU51-TW-2-S2	9/30/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU51-TW-2-S2	9/30/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU51-TW-2-S2	9/30/2013	Trichloroethene	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU51-TW-2-S2	9/30/2013	Trichlorofluoromethane	2	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU51-TW-2-S2	9/30/2013	Unadjusted C11 - C22 Aromatics	14	MG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU51-TW-2-S2	9/30/2013	Vinyl Acetate	2	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU51-TW-2-S2	9/30/2013	Vinyl Chloride	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU51-TW-2-S2	9/30/2013	Xylenes	1	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU56-TW-1-S2	9/26/2013	1,1,1,2-Tetrachloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU56-TW-1-S2	9/26/2013	1,1,1-Trichloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU56-TW-1-S2	9/26/2013	1,1,2,2-Tetrachloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU56-TW-1-S2	9/26/2013	1,1,2-Trichloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-1-S2	9/26/2013	1,1-Dichloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S2	9/26/2013	1,1-Dichloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU56-TW-1-S2	9/26/2013	1,2,3-Trichloropropane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU56-TW-1-S2	9/26/2013	1,2,4,5-Tetrachlorobenzene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-1-S2	9/26/2013	1,2,4-Trichlorobenzene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU56-TW-1-S2	9/26/2013	1,2-Dibromo-3-Chloropropane	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU56-TW-1-S2	9/26/2013	1,2-Dibromoethane (EDB)	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU56-TW-1-S2	9/26/2013	1,2-Dichlorobenzene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU56-TW-1-S2	9/26/2013	1,2-Dichloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S2	9/26/2013	1,2-Dichloropropane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU56-TW-1-S2	9/26/2013	1,2-Diphenylhydrazine	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S2	9/26/2013	1,3,5-Trinitrobenzene	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU56-TW-1-S2	9/26/2013	1,3-Dichlorobenzene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S2	9/26/2013	1,3-Dinitrobenzene	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-1-S2	9/26/2013	1,4-Dichlorobenzene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-1-S2	9/26/2013	1,4-Dioxane	10	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S2	9/26/2013	1,4-Naphthoquinone	1400	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU56-TW-1-S2	9/26/2013	1-Naphthylamine	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-1-S2	9/26/2013	2,3,4,6-Tetrachlorophenol	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S2	9/26/2013	2,4,5-Trichlorophenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S2	9/26/2013	2,4,6-Trichlorophenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-1-S2	9/26/2013	2,4-Dichlorophenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-1-S2	9/26/2013	2,4-Dimethylphenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-1-S2	9/26/2013	2,4-Dinitrophenol	500	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU56-TW-1-S2	9/26/2013	2,4-Dinitrotoluene	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU56-TW-1-S2	9/26/2013	2,6-Dichlorophenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU56-TW-1-S2	9/26/2013	2,6-Dinitrotoluene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S2	9/26/2013	2-Acetylaminofluorene	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU56-TW-1-S2	9/26/2013	2-Chloronaphthalene	12	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU56-TW-1-S2	9/26/2013	2-Chlorophenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-1-S2	9/26/2013	2-Hexanone	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-1-S2	9/26/2013	2-Methylnaphthalene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-1-S2	9/26/2013	2-Methylnaphthalene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-1-S2	9/26/2013	2-Methylphenol (O-Cresol)	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S2	9/26/2013	2-Naphthylamine	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-1-S2	9/26/2013	2-Nitroaniline	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-1-S2	9/26/2013	2-Nitrophenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU56-TW-1-S2	9/26/2013	2-Picoline	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-1-S2	9/26/2013	3,3'-Dichlorobenzidine	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU56-TW-1-S2	9/26/2013	3,3'-Dimethylbenzidine	840	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU56-TW-1-S2	9/26/2013	3-Methylcholanthrene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-1-S2	9/26/2013	3-Nitroaniline	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-1-S2	9/26/2013	4,6-Dinitro-2-Methylphenol	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU56-TW-1-S2	9/26/2013	4-Aminobiphenyl	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU56-TW-1-S2	9/26/2013	4-Bromophenyl Phenyl Ether	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-1-S2	9/26/2013	4-Chloro-3-Methylphenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S2	9/26/2013	4-Chloroaniline	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-1-S2	9/26/2013	4-Chlorophenyl Phenyl Ether	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-1-S2	9/26/2013	4-Dimethylaminoazobenzene	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU56-TW-1-S2	9/26/2013	4-Methylphenol (P-Cresol)	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S2	9/26/2013	4-Nitroaniline	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU56-TW-1-S2	9/26/2013	4-Nitrophenol	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S2	9/26/2013	4-Nitroquinoline-N-Oxide	560	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU56-TW-1-S2	9/26/2013	5-Nitro-Ortho-Toluidine	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU56-TW-1-S2	9/26/2013	7,12-Dimethylbenz[A]Anthracene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU56-TW-1-S2	9/26/2013	Acenaphthene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-1-S2	9/26/2013	Acenaphthene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-1-S2	9/26/2013	Acenaphthylene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-1-S2	9/26/2013	Acenaphthylene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-1-S2	9/26/2013	Acetone	13	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU56-TW-1-S2	9/26/2013	Acetonitrile	47	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S2	9/26/2013	Acetophenone	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU56-TW-1-S2	9/26/2013	Acrolein	38	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S2	9/26/2013	Acrylonitrile	8	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-1-S2	9/26/2013	Allyl Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-1-S2	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	170	UG/KG	U	UJ		N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU56-TW-1-S2	9/26/2013	Aniline	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU56-TW-1-S2	9/26/2013	Anthracene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S2	9/26/2013	Anthracene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S2	9/26/2013	Antimony	4.12	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU56-TW-1-S2	9/26/2013	Aramite	110	UG/KG	U	UJ		N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU56-TW-1-S2	9/26/2013	Barium	119	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU56-TW-1-S2	9/26/2013	Benzene	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-1-S2	9/26/2013	Benzene	0.9	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-1-S2	9/26/2013	Benzo(A)Anthracene	9	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S2	9/26/2013	Benzo(A)Anthracene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S2	9/26/2013	Benzo(B)Fluoranthene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S2	9/26/2013	Benzo(B)Fluoranthene	7	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S2	9/26/2013	Benzo(G,H,I)Perylene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-1-S2	9/26/2013	Benzo(G,H,I)Perylene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-1-S2	9/26/2013	Benzo(K)Fluoranthene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-1-S2	9/26/2013	Benzo(K)Fluoranthene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-1-S2	9/26/2013	Benzo[A]Pyrene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S2	9/26/2013	Benzo[A]Pyrene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S2	9/26/2013	Arsenic	6.77	MG/KG		J	Y	Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU56-TW-1-S2	9/26/2013	Benzyl Alcohol	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S2	9/26/2013	Beryllium	1.19	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU56-TW-1-S2	9/26/2013	Chromium	306	MG/KG			Y	Y	6-8 Feet	FS	Soil	Site Background	42.7
SWMU56-TW-1-S2	9/26/2013	Biphenyl	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-1-S2	9/26/2013	Bis(2-Chloroethoxy)Methane	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-1-S2	9/26/2013	Bis(2-Chloroethyl)Ether	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-1-S2	9/26/2013	Bis(2-Chloroisopropyl)Ether	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-1-S2	9/26/2013	Bis(2-Ethylhexyl)Phthalate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-1-S2	9/26/2013	Bromodichloromethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-1-S2	9/26/2013	Bromoform	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-1-S2	9/26/2013	Butyl Benzyl Phthalate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU56-TW-1-S2	9/26/2013	C11 to C22 Aromatics	20	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S2	9/26/2013	C19 to C36 Aliphatics	20	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-1-S2	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	14	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-1-S2	9/26/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	14	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-1-S2	9/26/2013	C9 through C10 Aromatic Hydrocarbons	14	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU56-TW-1-S2	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	14	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S2	9/26/2013	C9 to C18 Aliphatics	10	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S2	9/26/2013	Cadmium	0.127	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU56-TW-1-S2	9/26/2013	Carbon Disulfide	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S2	9/26/2013	Carbon Tetrachloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU56-TW-1-S2	9/26/2013	Chlorobenzene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-1-S2	9/26/2013	Chlorobenzilate	56	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU56-TW-1-S2	9/26/2013	Chlorodibromomethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU56-TW-1-S2	9/26/2013	Chloroform	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-1-S2	9/26/2013	Chloroprene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU56-TW-1-S2	9/26/2013	Chrysene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-1-S2	9/26/2013	Chrysene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-1-S2	9/26/2013	cis-1,2 Dichloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU56-TW-1-S2	9/26/2013	cis-1,3-Dichloropropene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-1-S2	9/26/2013	Cobalt	2.94	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU56-TW-1-S2	9/26/2013	Copper	7.5	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU56-TW-1-S2	9/26/2013	Diallate	56	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-1-S2	9/26/2013	Dibenz(A,H)Anthracene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S2	9/26/2013	Dibenz(A,H)Anthracene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-1-S2	9/26/2013	Dibenzofuran	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU56-TW-1-S2	9/26/2013	Dichlorodifluoromethane	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU56-TW-1-S2	9/26/2013	Diethyl Phthalate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU56-TW-1-S2	9/26/2013	Dimethoate	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S2	9/26/2013	Dimethyl Phthalate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU56-TW-1-S2	9/26/2013	Di-N-Butyl Phthalate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-1-S2	9/26/2013	Diphenyl Ether	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-1-S2	9/26/2013	Ethyl Chloride	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU56-TW-1-S2	9/26/2013	Ethyl Methacrylate	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU56-TW-1-S2	9/26/2013	Ethyl Methanesulfonate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S2	9/26/2013	Ethylbenzene	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S2	9/26/2013	Ethylbenzene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-1-S2	9/26/2013	Fluoranthene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S2	9/26/2013	Fluoranthene	6	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S2	9/26/2013	Fluorene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S2	9/26/2013	Fluorene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-1-S2	9/26/2013	Hexachlorobenzene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU56-TW-1-S2	9/26/2013	Hexachlorobutadiene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-1-S2	9/26/2013	Hexachlorocyclopentadiene	280	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-1-S2	9/26/2013	Hexachloroethane	56	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU56-TW-1-S2	9/26/2013	Hexachloropropylene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-1-S2	9/26/2013	Indeno (1,2,3-CD) Pyrene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S2	9/26/2013	Indeno (1,2,3-CD) Pyrene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-1-S2	9/26/2013	Iodomethane	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-1-S2	9/26/2013	Isobutyl Alcohol	190	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-1-S2	9/26/2013	Isodrin	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU56-TW-1-S2	9/26/2013	Isophorone	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU56-TW-1-S2	9/26/2013	Isosafrole	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-1-S2	9/26/2013	Lead	7.52	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU56-TW-1-S2	9/26/2013	Mercury	0.0285	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU56-TW-1-S2	9/26/2013	Meta- And Para-Xylene	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU56-TW-1-S2	9/26/2013	Methacrylonitrile	9	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S2	9/26/2013	Methapyrilene	2800	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-1-S2	9/26/2013	Methyl Bromide	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-1-S2	9/26/2013	Methyl Chloride	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-1-S2	9/26/2013	Methyl Ethyl Ketone	8	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU56-TW-1-S2	9/26/2013	Methyl Isobutyl Ketone	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-1-S2	9/26/2013	Methyl Methacrylate	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-1-S2	9/26/2013	Methyl Methanesulfonate	56	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-1-S2	9/26/2013	Methyl Tertiary Butyl Ether	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-1-S2	9/26/2013	Methylene Bromide	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-1-S2	9/26/2013	Methylene Chloride	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-1-S2	9/26/2013	Naphthalene	800	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S2	9/26/2013	Naphthalene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S2	9/26/2013	Naphthalene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-1-S2	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	14	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-1-S2	9/26/2013	N-Dioctyl Phthalate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-1-S2	9/26/2013	Nickel	7.37	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU56-TW-1-S2	9/26/2013	Nitrobenzene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-1-S2	9/26/2013	N-Nitroso(Methyl)Ethylamine	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-1-S2	9/26/2013	N-Nitrosodiethylamine	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU56-TW-1-S2	9/26/2013	N-Nitrosodimethylamine	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU56-TW-1-S2	9/26/2013	N-Nitroso-Di-N-Butylamine	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU56-TW-1-S2	9/26/2013	N-Nitrosodi-N-Propylamine	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU56-TW-1-S2	9/26/2013	N-Nitrosodiphenylamine	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU56-TW-1-S2	9/26/2013	N-Nitrosomorpholine	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU56-TW-1-S2	9/26/2013	N-Nitrosopiperidine	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU56-TW-1-S2	9/26/2013	N-Nitrosopyrrolidine	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU56-TW-1-S2	9/26/2013	O,O,O-Triethylphosphorothioate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU56-TW-1-S2	9/26/2013	Ortho-Xylene	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU56-TW-1-S2	9/26/2013	O-Toluidine	340	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU56-TW-1-S2	9/26/2013	para-Phenylenediamine	20000	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU56-TW-1-S2	9/26/2013	Pentachlorobenzene	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU56-TW-1-S2	9/26/2013	Pentachloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU56-TW-1-S2	9/26/2013	Pentachloronitrobenzene	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU56-TW-1-S2	9/26/2013	Pentachlorophenol	56	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU56-TW-1-S2	9/26/2013	Phenacetin	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-1-S2	9/26/2013	Phenanthrene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-1-S2	9/26/2013	Phenanthrene	170	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-1-S2	9/26/2013	Phenol	28	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-1-S2	9/26/2013	Pronamide	56	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU56-TW-1-S2	9/26/2013	Propionitrile	57	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-1-S2	9/26/2013	Pyrene	670	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-1-S2	9/26/2013	Pyrene	8	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-1-S2	9/26/2013	Pyridine	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU56-TW-1-S2	9/26/2013	Safrole	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-1-S2	9/26/2013	Selenium	0.167	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S2	9/26/2013	Silver	0.283	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S2	9/26/2013	Styrene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU56-TW-1-S2	9/26/2013	Tetrachloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU56-TW-1-S2	9/26/2013	Tetraethyl Dithiopyrophosphate	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU56-TW-1-S2	9/26/2013	Thallium	0.156	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU56-TW-1-S2	9/26/2013	Thionazin	110	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-1-S2	9/26/2013	Tin	2.93	MG/KG	J	B		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU56-TW-1-S2	9/26/2013	Toluene	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S2	9/26/2013	Toluene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S2	9/26/2013	trans-1,2-Dichloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU56-TW-1-S2	9/26/2013	trans-1,3-Dichloropropene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-1-S2	9/26/2013	trans-1,4-Dichlorobutene-2	19	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU56-TW-1-S2	9/26/2013	Trichloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU56-TW-1-S2	9/26/2013	Trichlorofluoromethane	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU56-TW-1-S2	9/26/2013	Unadjusted C11 - C22 Aromatics	20	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-1-S2	9/26/2013	Vanadium	55.6	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-1-S2	9/26/2013	Vinyl Acetate	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-1-S2	9/26/2013	Vinyl Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU56-TW-1-S2	9/26/2013	Xylenes	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU56-TW-1-S2	9/26/2013	Zinc	53.5	MG/KG		J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU56-TW-2-S2	9/26/2013	1,1,1,2-Tetrachloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU56-TW-2-S2	9/26/2013	1,1,1-Trichloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU56-TW-2-S2	9/26/2013	1,1,2,2-Tetrachloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU56-TW-2-S2	9/26/2013	1,1,2-Trichloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-2-S2	9/26/2013	1,1-Dichloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-2-S2	9/26/2013	1,1-Dichloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU56-TW-2-S2	9/26/2013	1,2,3-Trichloropropane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU56-TW-2-S2	9/26/2013	1,2,4,5-Tetrachlorobenzene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-2-S2	9/26/2013	1,2,4-Trichlorobenzene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU56-TW-2-S2	9/26/2013	1,2-Dibromo-3-Chloropropane	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU56-TW-2-S2	9/26/2013	1,2-Dibromoethane (EDB)	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU56-TW-2-S2	9/26/2013	1,2-Dichlorobenzene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU56-TW-2-S2	9/26/2013	1,2-Dichloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-2-S2	9/26/2013	1,2-Dichloropropane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU56-TW-2-S2	9/26/2013	1,2-Diphenylhydrazine	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-2-S2	9/26/2013	1,3,5-Trinitrobenzene	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU56-TW-2-S2	9/26/2013	1,3-Dichlorobenzene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-2-S2	9/26/2013	1,3-Dinitrobenzene	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-2-S2	9/26/2013	1,4-Dichlorobenzene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-2-S2	9/26/2013	1,4-Dioxane	9.9	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-2-S2	9/26/2013	1,4-Naphthoquinone	1500	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU56-TW-2-S2	9/26/2013	1-Naphthylamine	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-2-S2	9/26/2013	2,3,4,6-Tetrachlorophenol	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU56-TW-2-S2	9/26/2013	2,4,5-Trichlorophenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S2	9/26/2013	2,4,6-Trichlorophenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-2-S2	9/26/2013	2,4-Dichlorophenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-2-S2	9/26/2013	2,4-Dimethylphenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-2-S2	9/26/2013	2,4-Dinitrophenol	530	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU56-TW-2-S2	9/26/2013	2,4-Dinitrotoluene	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU56-TW-2-S2	9/26/2013	2,6-Dichlorophenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU56-TW-2-S2	9/26/2013	2,6-Dinitrotoluene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-2-S2	9/26/2013	2-Acetylaminofluorene	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU56-TW-2-S2	9/26/2013	2-Chloronaphthalene	12	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU56-TW-2-S2	9/26/2013	2-Chlorophenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-2-S2	9/26/2013	2-Hexanone	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-2-S2	9/26/2013	2-Methylnaphthalene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-2-S2	9/26/2013	2-Methylnaphthalene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-2-S2	9/26/2013	2-Methylphenol (O-Cresol)	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S2	9/26/2013	2-Naphthylamine	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-2-S2	9/26/2013	2-Nitroaniline	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-2-S2	9/26/2013	2-Nitrophenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU56-TW-2-S2	9/26/2013	2-Picoline	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-2-S2	9/26/2013	3,3'-Dichlorobenzidine	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU56-TW-2-S2	9/26/2013	3,3'-Dimethylbenzidine	880	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU56-TW-2-S2	9/26/2013	3-Methylcholanthrene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-2-S2	9/26/2013	3-Nitroaniline	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-2-S2	9/26/2013	4,6-Dinitro-2-Methylphenol	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU56-TW-2-S2	9/26/2013	4-Aminobiphenyl	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU56-TW-2-S2	9/26/2013	4-Bromophenyl Phenyl Ether	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-2-S2	9/26/2013	4-Chloro-3-Methylphenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S2	9/26/2013	4-Chloroaniline	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-2-S2	9/26/2013	4-Chlorophenyl Phenyl Ether	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-2-S2	9/26/2013	4-Dimethylaminoazobenzene	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU56-TW-2-S2	9/26/2013	4-Methylphenol (P-Cresol)	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S2	9/26/2013	4-Nitroaniline	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU56-TW-2-S2	9/26/2013	4-Nitrophenol	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-2-S2	9/26/2013	4-Nitroquinoline-N-Oxide	590	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU56-TW-2-S2	9/26/2013	5-Nitro-Ortho-Toluidine	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU56-TW-2-S2	9/26/2013	7,12-Dimethylbenz[A]Anthracene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU56-TW-2-S2	9/26/2013	Acenaphthene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-2-S2	9/26/2013	Acenaphthene	8	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-2-S2	9/26/2013	Acenaphthylene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-2-S2	9/26/2013	Acenaphthylene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-2-S2	9/26/2013	Acetone	15	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU56-TW-2-S2	9/26/2013	Acetonitrile	53	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-2-S2	9/26/2013	Acetophenone	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU56-TW-2-S2	9/26/2013	Acrolein	43	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-2-S2	9/26/2013	Acrylonitrile	9	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-2-S2	9/26/2013	Allyl Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-2-S2	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	180	UG/KG	U	UJ		N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU56-TW-2-S2	9/26/2013	Aniline	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU56-TW-2-S2	9/26/2013	Anthracene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-2-S2	9/26/2013	Anthracene	25	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-2-S2	9/26/2013	Antimony	3.52	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU56-TW-2-S2	9/26/2013	Aramite	120	UG/KG	U	UJ		N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU56-TW-2-S2	9/26/2013	Barium	53.4	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU56-TW-2-S2	9/26/2013	Benzene	200	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-2-S2	9/26/2013	Benzene	1	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-2-S2	9/26/2013	Benzo(A)Anthracene	39	UG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S2	9/26/2013	Benzo(A)Anthracene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S2	9/26/2013	Benzo(B)Fluoranthene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S2	9/26/2013	Benzo(B)Fluoranthene	54	UG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-2-S2	9/26/2013	Benzo(G,H,I)Perylene	25	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-2-S2	9/26/2013	Benzo(G,H,I)Perylene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-2-S2	9/26/2013	Benzo(K)Fluoranthene	15	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-2-S2	9/26/2013	Benzo(K)Fluoranthene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-2-S2	9/26/2013	Benzo[A]Pyrene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-2-S2	9/26/2013	Benzo[A]Pyrene	42	UG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-2-S2	9/26/2013	Benzyl Alcohol	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S2	9/26/2013	Beryllium	0.848	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU56-TW-2-S2	9/26/2013	Biphenyl	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-2-S2	9/26/2013	Bis(2-Chloroethoxy)Methane	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-2-S2	9/26/2013	Bis(2-Chloroethyl)Ether	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-2-S2	9/26/2013	Bis(2-Chloroisopropyl)Ether	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-2-S2	9/26/2013	Bis(2-Ethylhexyl)Phthalate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-2-S2	9/26/2013	Bromodichloromethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-2-S2	9/26/2013	Bromoform	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-2-S2	9/26/2013	Butyl Benzyl Phthalate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU56-TW-2-S2	9/26/2013	Arsenic	8.58	MG/KG		J	Y	Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU56-TW-2-S2	9/26/2013	Chromium	239	MG/KG			Y	Y	6-8 Feet	FS	Soil	Site Background	42.7
SWMU56-TW-2-S2	9/26/2013	C11 to C22 Aromatics	21	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-2-S2	9/26/2013	C19 to C36 Aliphatics	21	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-2-S2	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	13.2	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-2-S2	9/26/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	13.2	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-2-S2	9/26/2013	C9 through C10 Aromatic Hydrocarbons	13.2	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU56-TW-2-S2	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	13.2	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-2-S2	9/26/2013	C9 to C18 Aliphatics	11	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-2-S2	9/26/2013	Cadmium	0.135	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU56-TW-2-S2	9/26/2013	Carbon Disulfide	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-2-S2	9/26/2013	Carbon Tetrachloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU56-TW-2-S2	9/26/2013	Chlorobenzene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-2-S2	9/26/2013	Chlorobenzilate	59	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU56-TW-2-S2	9/26/2013	Chlorodibromomethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU56-TW-2-S2	9/26/2013	Chloroform	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-2-S2	9/26/2013	Chloroprene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU56-TW-2-S2	9/26/2013	Chrysene	43	UG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-2-S2	9/26/2013	Chrysene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-2-S2	9/26/2013	cis-1,2 Dichloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU56-TW-2-S2	9/26/2013	cis-1,3-Dichloropropene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-2-S2	9/26/2013	Cobalt	1.83	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU56-TW-2-S2	9/26/2013	Copper	6.73	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU56-TW-2-S2	9/26/2013	Diallate	59	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-2-S2	9/26/2013	Dibenz(A,H)Anthracene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-2-S2	9/26/2013	Dibenz(A,H)Anthracene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-2-S2	9/26/2013	Dibenzofuran	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU56-TW-2-S2	9/26/2013	Dichlorodifluoromethane	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU56-TW-2-S2	9/26/2013	Diethyl Phthalate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU56-TW-2-S2	9/26/2013	Dimethoate	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-2-S2	9/26/2013	Dimethyl Phthalate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU56-TW-2-S2	9/26/2013	Di-N-Butyl Phthalate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-2-S2	9/26/2013	Diphenyl Ether	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-2-S2	9/26/2013	Ethyl Chloride	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU56-TW-2-S2	9/26/2013	Ethyl Methacrylate	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU56-TW-2-S2	9/26/2013	Ethyl Methanesulfonate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-2-S2	9/26/2013	Ethylbenzene	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-2-S2	9/26/2013	Ethylbenzene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-2-S2	9/26/2013	Fluoranthene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-2-S2	9/26/2013	Fluoranthene	94	UG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-2-S2	9/26/2013	Fluorene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-2-S2	9/26/2013	Fluorene	12	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-2-S2	9/26/2013	Hexachlorobenzene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU56-TW-2-S2	9/26/2013	Hexachlorobutadiene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-2-S2	9/26/2013	Hexachlorocyclopentadiene	290	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-2-S2	9/26/2013	Hexachloroethane	59	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU56-TW-2-S2	9/26/2013	Hexachloropropylene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-2-S2	9/26/2013	Indeno (1,2,3-CD) Pyrene	23	UG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S2	9/26/2013	Indeno (1,2,3-CD) Pyrene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-2-S2	9/26/2013	Iodomethane	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-2-S2	9/26/2013	Isobutyl Alcohol	210	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-2-S2	9/26/2013	Isodrin	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU56-TW-2-S2	9/26/2013	Isophorone	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU56-TW-2-S2	9/26/2013	Isosafrole	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-2-S2	9/26/2013	Lead	6.25	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU56-TW-2-S2	9/26/2013	Mercury	0.0452	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU56-TW-2-S2	9/26/2013	Meta- And Para-Xylene	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU56-TW-2-S2	9/26/2013	Methacrylonitrile	11	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-2-S2	9/26/2013	Methapyrilene	2900	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-2-S2	9/26/2013	Methyl Bromide	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-2-S2	9/26/2013	Methyl Chloride	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-2-S2	9/26/2013	Methyl Ethyl Ketone	9	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU56-TW-2-S2	9/26/2013	Methyl Isobutyl Ketone	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-2-S2	9/26/2013	Methyl Methacrylate	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-2-S2	9/26/2013	Methyl Methanesulfonate	59	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-2-S2	9/26/2013	Methyl Tertiary Butyl Ether	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-2-S2	9/26/2013	Methylene Bromide	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-2-S2	9/26/2013	Methylene Chloride	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-2-S2	9/26/2013	Naphthalene	6	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-2-S2	9/26/2013	Naphthalene	800	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-2-S2	9/26/2013	Naphthalene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-2-S2	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	13.2	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-2-S2	9/26/2013	N-Dioctyl Phthalate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-2-S2	9/26/2013	Nickel	3.89	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU56-TW-2-S2	9/26/2013	Nitrobenzene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-2-S2	9/26/2013	N-Nitroso(Methyl)Ethylamine	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-2-S2	9/26/2013	N-Nitrosodiethylamine	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU56-TW-2-S2	9/26/2013	N-Nitrosodimethylamine	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU56-TW-2-S2	9/26/2013	N-Nitroso-Di-N-Butylamine	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU56-TW-2-S2	9/26/2013	N-Nitrosodi-N-Propylamine	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU56-TW-2-S2	9/26/2013	N-Nitrosodiphenylamine	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU56-TW-2-S2	9/26/2013	N-Nitrosomorpholine	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU56-TW-2-S2	9/26/2013	N-Nitrosopiperidine	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU56-TW-2-S2	9/26/2013	N-Nitrosopyrrolidine	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU56-TW-2-S2	9/26/2013	O,O,O-Triethylphosphorothioate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU56-TW-2-S2	9/26/2013	Ortho-Xylene	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU56-TW-2-S2	9/26/2013	O-Toluidine	350	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU56-TW-2-S2	9/26/2013	para-Phenylenediamine	21000	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU56-TW-2-S2	9/26/2013	Pentachlorobenzene	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU56-TW-2-S2	9/26/2013	Pentachloroethane	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU56-TW-2-S2	9/26/2013	Pentachloronitrobenzene	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU56-TW-2-S2	9/26/2013	Pentachlorophenol	59	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU56-TW-2-S2	9/26/2013	Phenacetin	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU56-TW-2-S2	9/26/2013	Phenanthrene	75	UG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-2-S2	9/26/2013	Phenanthrene	180	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-2-S2	9/26/2013	Phenol	30	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-2-S2	9/26/2013	Pronamide	59	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU56-TW-2-S2	9/26/2013	Propionitrile	64	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-2-S2	9/26/2013	Pyrene	710	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-2-S2	9/26/2013	Pyrene	81	UG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-2-S2	9/26/2013	Pyridine	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU56-TW-2-S2	9/26/2013	Safrole	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-2-S2	9/26/2013	Selenium	0.177	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-2-S2	9/26/2013	Silver	0.301	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-2-S2	9/26/2013	Styrene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU56-TW-2-S2	9/26/2013	Tetrachloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU56-TW-2-S2	9/26/2013	Tetraethyl Dithiopyrophosphate	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU56-TW-2-S2	9/26/2013	Thallium	0.174	MG/KG	J	J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU56-TW-2-S2	9/26/2013	Thionazin	120	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-2-S2	9/26/2013	Tin	2.98	MG/KG	J	B		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU56-TW-2-S2	9/26/2013	Toluene	300	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-2-S2	9/26/2013	Toluene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-2-S2	9/26/2013	trans-1,2-Dichloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU56-TW-2-S2	9/26/2013	trans-1,3-Dichloropropene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-2-S2	9/26/2013	trans-1,4-Dichlorobutene-2	21	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU56-TW-2-S2	9/26/2013	Trichloroethene	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU56-TW-2-S2	9/26/2013	Trichlorofluoromethane	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU56-TW-2-S2	9/26/2013	Unadjusted C11 - C22 Aromatics	21	MG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-2-S2	9/26/2013	Vanadium	43.8	MG/KG				Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-2-S2	9/26/2013	Vinyl Acetate	4	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-2-S2	9/26/2013	Vinyl Chloride	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU56-TW-2-S2	9/26/2013	Xylenes	2	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU56-TW-2-S2	9/26/2013	Zinc	28.2	MG/KG		J		Y	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU56-TW-3-S2	9/25/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU56-TW-3-S2	9/25/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU56-TW-3-S2	9/25/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU56-TW-3-S2	9/25/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-3-S2	9/25/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-3-S2	9/25/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU56-TW-3-S2	9/25/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU56-TW-3-S2	9/25/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-3-S2	9/25/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU56-TW-3-S2	9/25/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU56-TW-3-S2	9/25/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU56-TW-3-S2	9/25/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU56-TW-3-S2	9/25/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-3-S2	9/25/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU56-TW-3-S2	9/25/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-3-S2	9/25/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU56-TW-3-S2	9/25/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-3-S2	9/25/2013	1,3-Dinitrobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-3-S2	9/25/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU56-TW-3-S2	9/25/2013	1,4-Dioxane	4.7	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-3-S2	9/25/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU56-TW-3-S2	9/25/2013	1-Naphthylamine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-3-S2	9/25/2013	2,3,4,6-Tetrachlorophenol	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU56-TW-3-S2	9/25/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S2	9/25/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-3-S2	9/25/2013	2,4-Dichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-3-S2	9/25/2013	2,4-Dimethylphenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-3-S2	9/25/2013	2,4-Dinitrophenol	360	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU56-TW-3-S2	9/25/2013	2,4-Dinitrotoluene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-3-S2	9/25/2013	2,6-Dichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU56-TW-3-S2	9/25/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-3-S2	9/25/2013	2-Acetylaminofluorene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU56-TW-3-S2	9/25/2013	2-Chloronaphthalene	8	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU56-TW-3-S2	9/25/2013	2-Chlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-3-S2	9/25/2013	2-Hexanone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-3-S2	9/25/2013	2-Methylnaphthalene	40	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-3-S2	9/25/2013	2-Methylnaphthalene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU56-TW-3-S2	9/25/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S2	9/25/2013	2-Naphthylamine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU56-TW-3-S2	9/25/2013	2-Nitroaniline	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-3-S2	9/25/2013	2-Nitrophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU56-TW-3-S2	9/25/2013	2-Picoline	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-3-S2	9/25/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU56-TW-3-S2	9/25/2013	3,3'-Dimethylbenzidine	600	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU56-TW-3-S2	9/25/2013	3-Methylcholanthrene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-3-S2	9/25/2013	3-Nitroaniline	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-3-S2	9/25/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU56-TW-3-S2	9/25/2013	4-Aminobiphenyl	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU56-TW-3-S2	9/25/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU56-TW-3-S2	9/25/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S2	9/25/2013	4-Chloroaniline	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU56-TW-3-S2	9/25/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-3-S2	9/25/2013	4-Dimethylaminoazobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU56-TW-3-S2	9/25/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S2	9/25/2013	4-Nitroaniline	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU56-TW-3-S2	9/25/2013	4-Nitrophenol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-3-S2	9/25/2013	4-Nitroquinoline-N-Oxide	400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU56-TW-3-S2	9/25/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU56-TW-3-S2	9/25/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU56-TW-3-S2	9/25/2013	Acenaphthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-3-S2	9/25/2013	Acenaphthene	180	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU56-TW-3-S2	9/25/2013	Acenaphthylene	28	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-3-S2	9/25/2013	Acenaphthylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU56-TW-3-S2	9/25/2013	Acetone	90	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU56-TW-3-S2	9/25/2013	Acetonitrile	24	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-3-S2	9/25/2013	Acetophenone	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU56-TW-3-S2	9/25/2013	Acrolein	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-3-S2	9/25/2013	Acrylonitrile	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU56-TW-3-S2	9/25/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-3-S2	9/25/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU56-TW-3-S2	9/25/2013	Aniline	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU56-TW-3-S2	9/25/2013	Anthracene	520	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-3-S2	9/25/2013	Anthracene	260	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-3-S2	9/25/2013	Antimony	1.87	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU56-TW-3-S2	9/25/2013	Aramite	81	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU56-TW-3-S2	9/25/2013	Arsenic	2.18	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU56-TW-3-S2	9/25/2013	Barium	15.7	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU56-TW-3-S2	9/25/2013	Benzene	0.5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-3-S2	9/25/2013	Benzene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU56-TW-3-S2	9/25/2013	Benzo(A)Anthracene	1300	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S2	9/25/2013	Benzo(A)Anthracene	720	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S2	9/25/2013	Benzo(B)Fluoranthene	1600	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S2	9/25/2013	Benzo(B)Fluoranthene	1700	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S2	9/25/2013	Benzo(G,H,I)Perylene	880	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU56-TW-3-S2	9/25/2013	Benzo(G,H,I)Perylene	520	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-3-S2	9/25/2013	Benzo(K)Fluoranthene	700	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-3-S2	9/25/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU56-TW-3-S2	9/25/2013	Benzyl Alcohol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S2	9/25/2013	Beryllium	0.0946	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU56-TW-3-S2	9/25/2013	Biphenyl	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-3-S2	9/25/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU56-TW-3-S2	9/25/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-3-S2	9/25/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU56-TW-3-S2	9/25/2013	Bis(2-Ethylhexyl)Phthalate	140	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU56-TW-3-S2	9/25/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU56-TW-3-S2	9/25/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-3-S2	9/25/2013	Butyl Benzyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU56-TW-3-S2	9/25/2013	C11 to C22 Aromatics	23	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-3-S2	9/25/2013	C19 to C36 Aliphatics	21	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-3-S2	9/25/2013	C5 - C8 Aliphatic Hydrocarbons	7.14	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-3-S2	9/25/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	7.14	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU56-TW-3-S2	9/25/2013	C9 through C10 Aromatic Hydrocarbons	7.14	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU56-TW-3-S2	9/25/2013	C9 through C12 Aliphatic Hydrocarbons	7.14	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-3-S2	9/25/2013	Benzo[A]Pyrene	1300	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-3-S2	9/25/2013	Benzo[A]Pyrene	880	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-3-S2	9/25/2013	C9 to C18 Aliphatics	7.3	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-3-S2	9/25/2013	Dibenz(A,H)Anthracene	230	UG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-3-S2	9/25/2013	Cadmium	0.211	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU56-TW-3-S2	9/25/2013	Carbon Disulfide	1	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-3-S2	9/25/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU56-TW-3-S2	9/25/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU56-TW-3-S2	9/25/2013	Chlorobenzilate	40	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU56-TW-3-S2	9/25/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU56-TW-3-S2	9/25/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU56-TW-3-S2	9/25/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU56-TW-3-S2	9/25/2013	Chromium	14.4	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU56-TW-3-S2	9/25/2013	Chrysene	690	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-3-S2	9/25/2013	Chrysene	1200	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU56-TW-3-S2	9/25/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU56-TW-3-S2	9/25/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-3-S2	9/25/2013	Cobalt	0.587	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU56-TW-3-S2	9/25/2013	Copper	2.35	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU56-TW-3-S2	9/25/2013	Diallate	40	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-3-S2	9/25/2013	Dibenz(A,H)Anthracene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU56-TW-3-S2	9/25/2013	Dibenzofuran	85	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU56-TW-3-S2	9/25/2013	Dichlorodifluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU56-TW-3-S2	9/25/2013	Diethyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU56-TW-3-S2	9/25/2013	Dimethoate	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-3-S2	9/25/2013	Dimethyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU56-TW-3-S2	9/25/2013	Di-N-Butyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU56-TW-3-S2	9/25/2013	Diphenyl Ether	23	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU56-TW-3-S2	9/25/2013	Ethyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU56-TW-3-S2	9/25/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU56-TW-3-S2	9/25/2013	Ethyl Methanesulfonate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-3-S2	9/25/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-3-S2	9/25/2013	Ethylbenzene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU56-TW-3-S2	9/25/2013	Fluoranthene	2700	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-3-S2	9/25/2013	Fluoranthene	1900	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-3-S2	9/25/2013	Fluorene	150	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-3-S2	9/25/2013	Fluorene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU56-TW-3-S2	9/25/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-3-S2	9/25/2013	Hexachlorobutadiene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-3-S2	9/25/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU56-TW-3-S2	9/25/2013	Hexachloroethane	40	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU56-TW-3-S2	9/25/2013	Hexachloropropylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU56-TW-3-S2	9/25/2013	Indeno (1,2,3-CD) Pyrene	750	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S2	9/25/2013	Indeno (1,2,3-CD) Pyrene	600	UG/KG	J			Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU56-TW-3-S2	9/25/2013	Iodomethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-3-S2	9/25/2013	Isobutyl Alcohol	97	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-3-S2	9/25/2013	Isodrin	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU56-TW-3-S2	9/25/2013	Isophorone	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU56-TW-3-S2	9/25/2013	Isosafrole	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-3-S2	9/25/2013	Lead	11.4	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU56-TW-3-S2	9/25/2013	Mercury	0.0715	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU56-TW-3-S2	9/25/2013	Meta- And Para-Xylene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU56-TW-3-S2	9/25/2013	Methacrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-3-S2	9/25/2013	Methapyrilene	2000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU56-TW-3-S2	9/25/2013	Methyl Bromide	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU56-TW-3-S2	9/25/2013	Methyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU56-TW-3-S2	9/25/2013	Methyl Ethyl Ketone	10	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU56-TW-3-S2	9/25/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU56-TW-3-S2	9/25/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU56-TW-3-S2	9/25/2013	Methyl Methanesulfonate	40	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU56-TW-3-S2	9/25/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU56-TW-3-S2	9/25/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU56-TW-3-S2	9/25/2013	Methylene Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU56-TW-3-S2	9/25/2013	Naphthalene	37	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-3-S2	9/25/2013	Naphthalene	400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-3-S2	9/25/2013	Naphthalene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU56-TW-3-S2	9/25/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	7.14	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU56-TW-3-S2	9/25/2013	N-Dioctyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU56-TW-3-S2	9/25/2013	Nickel	3.1	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU56-TW-3-S2	9/25/2013	Nitrobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU56-TW-3-S2	9/25/2013	N-Nitroso(Methyl)Ethylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU56-TW-3-S2	9/25/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU56-TW-3-S2	9/25/2013	N-Nitrosodimethylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU56-TW-3-S2	9/25/2013	N-Nitroso-Di-N-Butylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU56-TW-3-S2	9/25/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU56-TW-3-S2	9/25/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU56-TW-3-S2	9/25/2013	N-Nitrosomorpholine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU56-TW-3-S2	9/25/2013	N-Nitrosopiperidine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU56-TW-3-S2	9/25/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU56-TW-3-S2	9/25/2013	O,O,O-Triethylphosphorothioate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU56-TW-3-S2	9/25/2013	Ortho-Xylene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU56-TW-3-S2	9/25/2013	O-Toluidine	240	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU56-TW-3-S2	9/25/2013	para-Phenylenediamine	14000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU56-TW-3-S2	9/25/2013	Pentachlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU56-TW-3-S2	9/25/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU56-TW-3-S2	9/25/2013	Pentachloronitrobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU56-TW-3-S2	9/25/2013	Pentachlorophenol	40	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU56-TW-3-S2	9/25/2013	Phenacetin	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU56-TW-3-S2	9/25/2013	Phenanthrene	1500	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-3-S2	9/25/2013	Phenanthrene	1100	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU56-TW-3-S2	9/25/2013	Phenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU56-TW-3-S2	9/25/2013	Pronamide	40	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU56-TW-3-S2	9/25/2013	Propionitrile	29	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU56-TW-3-S2	9/25/2013	Pyrene	2300	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU56-TW-3-S2	9/25/2013	Pyrene	1500	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU56-TW-3-S2	9/25/2013	Pyridine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU56-TW-3-S2	9/25/2013	Safrole	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU56-TW-3-S2	9/25/2013	Selenium	0.265	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-3-S2	9/25/2013	Silver	0.204	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-3-S2	9/25/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU56-TW-3-S2	9/25/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU56-TW-3-S2	9/25/2013	Tetraethyl Dithiopyrophosphate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU56-TW-3-S2	9/25/2013	Thallium	0.0774	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU56-TW-3-S2	9/25/2013	Thionazin	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU56-TW-3-S2	9/25/2013	Tin	2.11	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU56-TW-3-S2	9/25/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-3-S2	9/25/2013	Toluene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-3-S2	9/25/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU56-TW-3-S2	9/25/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU56-TW-3-S2	9/25/2013	trans-1,4-Dichlorobutene-2	10	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU56-TW-3-S2	9/25/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU56-TW-3-S2	9/25/2013	Trichlorofluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU56-TW-3-S2	9/25/2013	Unadjusted C11 - C22 Aromatics	30	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU56-TW-3-S2	9/25/2013	Vanadium	13.9	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU56-TW-3-S2	9/25/2013	Vinyl Acetate	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU56-TW-3-S2	9/25/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU56-TW-3-S2	9/25/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU56-TW-3-S2	9/25/2013	Zinc	55.2	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU59-TW-1-S2	9/25/2013	Biphenyl	19	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU59-TW-1-S2	9/25/2013	Diphenyl Ether	82	UG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU60-TW-1-S2	9/25/2013	Biphenyl	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU60-TW-1-S2	9/25/2013	Diphenyl Ether	20	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-1-S2	9/24/2013	Biphenyl	19	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-1-S2	9/24/2013	Diphenyl Ether	19	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-2-S1	9/24/2013	Biphenyl	40	UG/KG	U			N	3-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-2-S1	9/24/2013	Diphenyl Ether	40	UG/KG	U			N	3-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-2-S2	9/24/2013	Biphenyl	20	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-2-S2	9/24/2013	Diphenyl Ether	20	UG/KG	U			N	5-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-3-S2	9/25/2013	Biphenyl	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-3-S2	9/25/2013	Diphenyl Ether	20	UG/KG	U			N	6-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-4-S2	9/25/2013	Biphenyl	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU61-TW-4-S2	9/25/2013	Diphenyl Ether	20	UG/KG	U			N	6-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-1-S2	9/26/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU64-TW-1-S2	9/26/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU64-TW-1-S2	9/26/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU64-TW-1-S2	9/26/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU64-TW-1-S2	9/26/2013	1,1-Dichloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-1-S2	9/26/2013	1,1-Dichloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU64-TW-1-S2	9/26/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU64-TW-1-S2	9/26/2013	1,2,4,5-Tetrachlorobenzene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU64-TW-1-S2	9/26/2013	1,2,4-Trichlorobenzene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU64-TW-1-S2	9/26/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU64-TW-1-S2	9/26/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU64-TW-1-S2	9/26/2013	1,2-Dichlorobenzene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU64-TW-1-S2	9/26/2013	1,2-Dichloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-1-S2	9/26/2013	1,2-Dichloropropane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU64-TW-1-S2	9/26/2013	1,2-Diphenylhydrazine	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-1-S2	9/26/2013	1,3,5-Trinitrobenzene	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU64-TW-1-S2	9/26/2013	1,3-Dichlorobenzene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-1-S2	9/26/2013	1,3-Dinitrobenzene	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-1-S2	9/26/2013	1,4-Dichlorobenzene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU64-TW-1-S2	9/26/2013	1,4-Dioxane	5.3	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-1-S2	9/26/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU64-TW-1-S2	9/26/2013	1-Naphthylamine	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU64-TW-1-S2	9/26/2013	2,3,4,6-Tetrachlorophenol	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU64-TW-1-S2	9/26/2013	2,4,5-Trichlorophenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S2	9/26/2013	2,4,6-Trichlorophenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU64-TW-1-S2	9/26/2013	2,4-Dichlorophenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU64-TW-1-S2	9/26/2013	2,4-Dimethylphenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU64-TW-1-S2	9/26/2013	2,4-Dinitrophenol	380	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU64-TW-1-S2	9/26/2013	2,4-Dinitrotoluene	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU64-TW-1-S2	9/26/2013	2,6-Dichlorophenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU64-TW-1-S2	9/26/2013	2,6-Dinitrotoluene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-1-S2	9/26/2013	2-Acetylaminofluorene	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU64-TW-1-S2	9/26/2013	2-Chloronaphthalene	9	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU64-TW-1-S2	9/26/2013	2-Chlorophenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU64-TW-1-S2	9/26/2013	2-Hexanone	3	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU64-TW-1-S2	9/26/2013	2-Methylnaphthalene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU64-TW-1-S2	9/26/2013	2-Methylnaphthalene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU64-TW-1-S2	9/26/2013	2-Methylphenol (O-Cresol)	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S2	9/26/2013	2-Naphthylamine	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU64-TW-1-S2	9/26/2013	2-Nitroaniline	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU64-TW-1-S2	9/26/2013	2-Nitrophenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU64-TW-1-S2	9/26/2013	2-Picoline	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU64-TW-1-S2	9/26/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU64-TW-1-S2	9/26/2013	3,3'-Dimethylbenzidine	640	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU64-TW-1-S2	9/26/2013	3-Methylcholanthrene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU64-TW-1-S2	9/26/2013	3-Nitroaniline	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU64-TW-1-S2	9/26/2013	4,6-Dinitro-2-Methylphenol	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU64-TW-1-S2	9/26/2013	4-Aminobiphenyl	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU64-TW-1-S2	9/26/2013	4-Bromophenyl Phenyl Ether	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-1-S2	9/26/2013	4-Chloro-3-Methylphenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S2	9/26/2013	4-Chloroaniline	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU64-TW-1-S2	9/26/2013	4-Chlorophenyl Phenyl Ether	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU64-TW-1-S2	9/26/2013	4-Dimethylaminoazobenzene	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU64-TW-1-S2	9/26/2013	4-Methylphenol (P-Cresol)	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S2	9/26/2013	4-Nitroaniline	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU64-TW-1-S2	9/26/2013	4-Nitrophenol	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-1-S2	9/26/2013	4-Nitroquinoline-N-Oxide	420	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU64-TW-1-S2	9/26/2013	5-Nitro-Ortho-Toluidine	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU64-TW-1-S2	9/26/2013	7,12-Dimethylbenz[A]Anthracene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU64-TW-1-S2	9/26/2013	Acenaphthene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU64-TW-1-S2	9/26/2013	Acenaphthene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU64-TW-1-S2	9/26/2013	Acenaphthylene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU64-TW-1-S2	9/26/2013	Acenaphthylene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU64-TW-1-S2	9/26/2013	Acetone	7	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-1-S2	9/26/2013	Acetonitrile	26	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-1-S2	9/26/2013	Acetophenone	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU64-TW-1-S2	9/26/2013	Acrolein	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-1-S2	9/26/2013	Acrylonitrile	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-1-S2	9/26/2013	Allyl Chloride	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU64-TW-1-S2	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU64-TW-1-S2	9/26/2013	Aniline	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU64-TW-1-S2	9/26/2013	Anthracene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-1-S2	9/26/2013	Anthracene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-1-S2	9/26/2013	Antimony	0.914	MG/KG	U	UJ		N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-1-S2	9/26/2013	Aramite	85	UG/KG	U	UJ		N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU64-TW-1-S2	9/26/2013	Arsenic	1.38	MG/KG		J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU64-TW-1-S2	9/26/2013	Barium	18	MG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU64-TW-1-S2	9/26/2013	Benzene	100	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU64-TW-1-S2	9/26/2013	Benzene	0.5	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU64-TW-1-S2	9/26/2013	Benzo(A)Anthracene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S2	9/26/2013	Benzo(A)Anthracene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S2	9/26/2013	Benzo(B)Fluoranthene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S2	9/26/2013	Benzo(B)Fluoranthene	9	UG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S2	9/26/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU64-TW-1-S2	9/26/2013	Benzo(G,H,I)Perylene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU64-TW-1-S2	9/26/2013	Benzo(K)Fluoranthene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU64-TW-1-S2	9/26/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU64-TW-1-S2	9/26/2013	Benzo[A]Pyrene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-1-S2	9/26/2013	Benzo[A]Pyrene	7	UG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-1-S2	9/26/2013	Benzyl Alcohol	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S2	9/26/2013	Beryllium	0.235	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU64-TW-1-S2	9/26/2013	Biphenyl	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-1-S2	9/26/2013	Bis(2-Chloroethoxy)Methane	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU64-TW-1-S2	9/26/2013	Bis(2-Chloroethyl)Ether	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU64-TW-1-S2	9/26/2013	Bis(2-Chloroisopropyl)Ether	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU64-TW-1-S2	9/26/2013	Bis(2-Ethylhexyl)Phthalate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU64-TW-1-S2	9/26/2013	Bromodichloromethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU64-TW-1-S2	9/26/2013	Bromoform	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU64-TW-1-S2	9/26/2013	Butyl Benzyl Phthalate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU64-TW-1-S2	9/26/2013	C11 to C22 Aromatics	15	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-1-S2	9/26/2013	C19 to C36 Aliphatics	15	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU64-TW-1-S2	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	7.15	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU64-TW-1-S2	9/26/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	7.15	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU64-TW-1-S2	9/26/2013	C9 through C10 Aromatic Hydrocarbons	7.15	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU64-TW-1-S2	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	7.15	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-1-S2	9/26/2013	C9 to C18 Aliphatics	7.6	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-1-S2	9/26/2013	Cadmium	0.0939	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU64-TW-1-S2	9/26/2013	Carbon Disulfide	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-1-S2	9/26/2013	Carbon Tetrachloride	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU64-TW-1-S2	9/26/2013	Chlorobenzene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU64-TW-1-S2	9/26/2013	Chlorobenzilate	42	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU64-TW-1-S2	9/26/2013	Chlorodibromomethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU64-TW-1-S2	9/26/2013	Chloroform	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU64-TW-1-S2	9/26/2013	Chloroprene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU64-TW-1-S2	9/26/2013	Chromium	25	MG/KG				Y	8-10 Feet	FS	Soil	Site Background	42.7
SWMU64-TW-1-S2	9/26/2013	Chrysene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU64-TW-1-S2	9/26/2013	Chrysene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU64-TW-1-S2	9/26/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU64-TW-1-S2	9/26/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU64-TW-1-S2	9/26/2013	Cobalt	0.92	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU64-TW-1-S2	9/26/2013	Copper	1.45	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU64-TW-1-S2	9/26/2013	Diallate	42	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU64-TW-1-S2	9/26/2013	Dibenz(A,H)Anthracene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-1-S2	9/26/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-1-S2	9/26/2013	Dibenzofuran	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU64-TW-1-S2	9/26/2013	Dichlorodifluoromethane	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU64-TW-1-S2	9/26/2013	Diethyl Phthalate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU64-TW-1-S2	9/26/2013	Diethylene Glycol	6400	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU64-TW-1-S2	9/26/2013	Dimethoate	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-1-S2	9/26/2013	Dimethyl Phthalate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-1-S2	9/26/2013	Di-N-Butyl Phthalate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-1-S2	9/26/2013	Diphenyl Ether	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-1-S2	9/26/2013	Ethyl Chloride	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU64-TW-1-S2	9/26/2013	Ethyl Methacrylate	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU64-TW-1-S2	9/26/2013	Ethyl Methanesulfonate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-1-S2	9/26/2013	Ethylbenzene	100	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU64-TW-1-S2	9/26/2013	Ethylbenzene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU64-TW-1-S2	9/26/2013	Ethylene Glycol	6400	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-1-S2	9/26/2013	Fluoranthene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-1-S2	9/26/2013	Fluoranthene	5	UG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-1-S2	9/26/2013	Fluorene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-1-S2	9/26/2013	Fluorene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-1-S2	9/26/2013	Hexachlorobenzene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU64-TW-1-S2	9/26/2013	Hexachlorobutadiene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU64-TW-1-S2	9/26/2013	Hexachlorocyclopentadiene	210	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-1-S2	9/26/2013	Hexachloroethane	42	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU64-TW-1-S2	9/26/2013	Hexachloropropylene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU64-TW-1-S2	9/26/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S2	9/26/2013	Indeno (1,2,3-CD) Pyrene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-1-S2	9/26/2013	Iodomethane	3	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU64-TW-1-S2	9/26/2013	Isobutyl Alcohol	110	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU64-TW-1-S2	9/26/2013	Isodrin	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU64-TW-1-S2	9/26/2013	Isophorone	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU64-TW-1-S2	9/26/2013	Isosafrole	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU64-TW-1-S2	9/26/2013	Lead	12.2	MG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU64-TW-1-S2	9/26/2013	Mercury	0.0363	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU64-TW-1-S2	9/26/2013	Meta- And Para-Xylene	100	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU64-TW-1-S2	9/26/2013	Methacrylonitrile	5	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-1-S2	9/26/2013	Methapyrilene	2100	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU64-TW-1-S2	9/26/2013	Methyl Bromide	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU64-TW-1-S2	9/26/2013	Methyl Chloride	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU64-TW-1-S2	9/26/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU64-TW-1-S2	9/26/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-1-S2	9/26/2013	Methyl Methacrylate	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU64-TW-1-S2	9/26/2013	Methyl Methanesulfonate	42	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-1-S2	9/26/2013	Methyl Tertiary Butyl Ether	100	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU64-TW-1-S2	9/26/2013	Methylene Bromide	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU64-TW-1-S2	9/26/2013	Methylene Chloride	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU64-TW-1-S2	9/26/2013	Naphthalene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-1-S2	9/26/2013	Naphthalene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-1-S2	9/26/2013	Naphthalene	400	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-1-S2	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	7.15	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-1-S2	9/26/2013	N-Dioctyl Phthalate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU64-TW-1-S2	9/26/2013	Nickel	3.19	MG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU64-TW-1-S2	9/26/2013	Nitrobenzene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-1-S2	9/26/2013	N-Nitroso(Methyl)Ethylamine	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU64-TW-1-S2	9/26/2013	N-Nitrosodiethylamine	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU64-TW-1-S2	9/26/2013	N-Nitrosodimethylamine	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU64-TW-1-S2	9/26/2013	N-Nitroso-Di-N-Butylamine	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU64-TW-1-S2	9/26/2013	N-Nitrosodi-N-Propylamine	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU64-TW-1-S2	9/26/2013	N-Nitrosodiphenylamine	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU64-TW-1-S2	9/26/2013	N-Nitrosomorpholine	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU64-TW-1-S2	9/26/2013	N-Nitrosopiperidine	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU64-TW-1-S2	9/26/2013	N-Nitrosopyrrolidine	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU64-TW-1-S2	9/26/2013	O,O,O-Triethylphosphorothioate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
SWMU64-TW-1-S2	9/26/2013	Ortho-Xylene	100	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-1-S2	9/26/2013	O-Toluidine	250	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU64-TW-1-S2	9/26/2013	para-Phenylenediamine	15000	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU64-TW-1-S2	9/26/2013	Pentachlorobenzene	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU64-TW-1-S2	9/26/2013	Pentachloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU64-TW-1-S2	9/26/2013	Pentachloronitrobenzene	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU64-TW-1-S2	9/26/2013	Pentachlorophenol	42	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU64-TW-1-S2	9/26/2013	Phenacetin	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU64-TW-1-S2	9/26/2013	Phenanthrene	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU64-TW-1-S2	9/26/2013	Phenanthrene	130	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU64-TW-1-S2	9/26/2013	Phenol	21	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU64-TW-1-S2	9/26/2013	Pronamide	42	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU64-TW-1-S2	9/26/2013	Propionitrile	32	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU64-TW-1-S2	9/26/2013	Propylene Glycol	6400	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-1-S2	9/26/2013	Pyrene	510	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU64-TW-1-S2	9/26/2013	Pyrene	6	UG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU64-TW-1-S2	9/26/2013	Pyridine	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU64-TW-1-S2	9/26/2013	Safrole	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU64-TW-1-S2	9/26/2013	Selenium	0.124	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-1-S2	9/26/2013	Silver	0.21	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-1-S2	9/26/2013	Styrene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU64-TW-1-S2	9/26/2013	Tetrachloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU64-TW-1-S2	9/26/2013	Tetraethyl Dithiopyrophosphate	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU64-TW-1-S2	9/26/2013	Thallium	0.15	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU64-TW-1-S2	9/26/2013	Thionazin	85	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU64-TW-1-S2	9/26/2013	Tin	2.17	MG/KG	J	B		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU64-TW-1-S2	9/26/2013	Toluene	100	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-1-S2	9/26/2013	Toluene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-1-S2	9/26/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU64-TW-1-S2	9/26/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU64-TW-1-S2	9/26/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU64-TW-1-S2	9/26/2013	Trichloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU64-TW-1-S2	9/26/2013	Trichlorofluoromethane	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU64-TW-1-S2	9/26/2013	Triethylene Glycol	6400	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU64-TW-1-S2	9/26/2013	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-1-S2	9/26/2013	Vanadium	29.5	MG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-1-S2	9/26/2013	Vinyl Acetate	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-1-S2	9/26/2013	Vinyl Chloride	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU64-TW-1-S2	9/26/2013	Xylenes	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU64-TW-1-S2	9/26/2013	Zinc	8.03	MG/KG		J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU64-TW-2-S2	9/26/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU64-TW-2-S2	9/26/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU64-TW-2-S2	9/26/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU64-TW-2-S2	9/26/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU64-TW-2-S2	9/26/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-2-S2	9/26/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU64-TW-2-S2	9/26/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU64-TW-2-S2	9/26/2013	1,2,4,5-Tetrachlorobenzene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU64-TW-2-S2	9/26/2013	1,2,4-Trichlorobenzene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
SWMU64-TW-2-S2	9/26/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU64-TW-2-S2	9/26/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU64-TW-2-S2	9/26/2013	1,2-Dichlorobenzene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
SWMU64-TW-2-S2	9/26/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-2-S2	9/26/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU64-TW-2-S2	9/26/2013	1,2-Diphenylhydrazine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-2-S2	9/26/2013	1,3,5-Trinitrobenzene	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
SWMU64-TW-2-S2	9/26/2013	1,3-Dichlorobenzene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-2-S2	9/26/2013	1,3-Dinitrobenzene	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU64-TW-2-S2	9/26/2013	1,4-Dichlorobenzene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
SWMU64-TW-2-S2	9/26/2013	1,4-Dioxane	5.3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-2-S2	9/26/2013	1,4-Naphthoquinone	6500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
SWMU64-TW-2-S2	9/26/2013	1-Naphthylamine	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU64-TW-2-S2	9/26/2013	2,3,4,6-Tetrachlorophenol	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
SWMU64-TW-2-S2	9/26/2013	2,4,5-Trichlorophenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S2	9/26/2013	2,4,6-Trichlorophenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU64-TW-2-S2	9/26/2013	2,4-Dichlorophenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU64-TW-2-S2	9/26/2013	2,4-Dimethylphenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU64-TW-2-S2	9/26/2013	2,4-Dinitrophenol	2300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
SWMU64-TW-2-S2	9/26/2013	2,4-Dinitrotoluene	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
SWMU64-TW-2-S2	9/26/2013	2,6-Dichlorophenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
SWMU64-TW-2-S2	9/26/2013	2,6-Dinitrotoluene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-2-S2	9/26/2013	2-Acetylaminofluorene	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
SWMU64-TW-2-S2	9/26/2013	2-Chloronaphthalene	54	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
SWMU64-TW-2-S2	9/26/2013	2-Chlorophenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU64-TW-2-S2	9/26/2013	2-Hexanone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU64-TW-2-S2	9/26/2013	2-Methylnaphthalene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU64-TW-2-S2	9/26/2013	2-Methylnaphthalene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
SWMU64-TW-2-S2	9/26/2013	2-Methylphenol (O-Cresol)	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S2	9/26/2013	2-Naphthylamine	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
SWMU64-TW-2-S2	9/26/2013	2-Nitroaniline	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU64-TW-2-S2	9/26/2013	2-Nitrophenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
SWMU64-TW-2-S2	9/26/2013	2-Picoline	780	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU64-TW-2-S2	9/26/2013	3,3'-Dichlorobenzidine	780	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
SWMU64-TW-2-S2	9/26/2013	3,3'-Dimethylbenzidine	3900	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
SWMU64-TW-2-S2	9/26/2013	3-Methylcholanthrene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU64-TW-2-S2	9/26/2013	3-Nitroaniline	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU64-TW-2-S2	9/26/2013	4,6-Dinitro-2-Methylphenol	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
SWMU64-TW-2-S2	9/26/2013	4-Aminobiphenyl	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
SWMU64-TW-2-S2	9/26/2013	4-Bromophenyl Phenyl Ether	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU64-TW-2-S2	9/26/2013	4-Chloro-3-Methylphenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S2	9/26/2013	4-Chloroaniline	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
SWMU64-TW-2-S2	9/26/2013	4-Chlorophenyl Phenyl Ether	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU64-TW-2-S2	9/26/2013	4-Dimethylaminoazobenzene	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
SWMU64-TW-2-S2	9/26/2013	4-Methylphenol (P-Cresol)	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S2	9/26/2013	4-Nitroaniline	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
SWMU64-TW-2-S2	9/26/2013	4-Nitrophenol	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-2-S2	9/26/2013	4-Nitroquinoline-N-Oxide	2600	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
SWMU64-TW-2-S2	9/26/2013	5-Nitro-Ortho-Toluidine	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
SWMU64-TW-2-S2	9/26/2013	7,12-Dimethylbenz[A]Anthracene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
SWMU64-TW-2-S2	9/26/2013	Acenaphthene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU64-TW-2-S2	9/26/2013	Acenaphthene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
SWMU64-TW-2-S2	9/26/2013	Acenaphthylene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU64-TW-2-S2	9/26/2013	Acenaphthylene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
SWMU64-TW-2-S2	9/26/2013	Acetone	8	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-2-S2	9/26/2013	Acetonitrile	27	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-2-S2	9/26/2013	Acetophenone	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
SWMU64-TW-2-S2	9/26/2013	Acrolein	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-2-S2	9/26/2013	Acrylonitrile	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU64-TW-2-S2	9/26/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU64-TW-2-S2	9/26/2013	Alpha,Alpha-Dimethylphenethylamine	780	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
SWMU64-TW-2-S2	9/26/2013	Aniline	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
SWMU64-TW-2-S2	9/26/2013	Anthracene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-2-S2	9/26/2013	Anthracene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-2-S2	9/26/2013	Antimony	0.94	MG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU64-TW-2-S2	9/26/2013	Aramite	520	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
SWMU64-TW-2-S2	9/26/2013	Arsenic	1.68	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU64-TW-2-S2	9/26/2013	Barium	10.7	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU64-TW-2-S2	9/26/2013	Benzene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU64-TW-2-S2	9/26/2013	Benzene	0.5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU64-TW-2-S2	9/26/2013	Benzo(A)Anthracene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S2	9/26/2013	Benzo(A)Anthracene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S2	9/26/2013	Benzo(B)Fluoranthene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S2	9/26/2013	Benzo(B)Fluoranthene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S2	9/26/2013	Benzo(G,H,I)Perylene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU64-TW-2-S2	9/26/2013	Benzo(G,H,I)Perylene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
SWMU64-TW-2-S2	9/26/2013	Benzo(K)Fluoranthene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU64-TW-2-S2	9/26/2013	Benzo(K)Fluoranthene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
SWMU64-TW-2-S2	9/26/2013	Benzo[A]Pyrene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-2-S2	9/26/2013	Benzo[A]Pyrene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-2-S2	9/26/2013	Benzyl Alcohol	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S2	9/26/2013	Beryllium	0.0851	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU64-TW-2-S2	9/26/2013	Biphenyl	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-2-S2	9/26/2013	Bis(2-Chloroethoxy)Methane	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
SWMU64-TW-2-S2	9/26/2013	Bis(2-Chloroethyl)Ether	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU64-TW-2-S2	9/26/2013	Bis(2-Chloroisopropyl)Ether	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
SWMU64-TW-2-S2	9/26/2013	Bis(2-Ethylhexyl)Phthalate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
SWMU64-TW-2-S2	9/26/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU64-TW-2-S2	9/26/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU64-TW-2-S2	9/26/2013	Butyl Benzyl Phthalate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
SWMU64-TW-2-S2	9/26/2013	C11 to C22 Aromatics	16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-2-S2	9/26/2013	C19 to C36 Aliphatics	16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU64-TW-2-S2	9/26/2013	C5 - C8 Aliphatic Hydrocarbons	7.77	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU64-TW-2-S2	9/26/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	7.77	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
SWMU64-TW-2-S2	9/26/2013	C9 through C10 Aromatic Hydrocarbons	7.77	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
SWMU64-TW-2-S2	9/26/2013	C9 through C12 Aliphatic Hydrocarbons	7.77	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-2-S2	9/26/2013	C9 to C18 Aliphatics	7.8	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-2-S2	9/26/2013	Cadmium	0.0965	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU64-TW-2-S2	9/26/2013	Carbon Disulfide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-2-S2	9/26/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU64-TW-2-S2	9/26/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU64-TW-2-S2	9/26/2013	Chlorobenzilate	260	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
SWMU64-TW-2-S2	9/26/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU64-TW-2-S2	9/26/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU64-TW-2-S2	9/26/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU64-TW-2-S2	9/26/2013	Chromium	10.8	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU64-TW-2-S2	9/26/2013	Chrysene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU64-TW-2-S2	9/26/2013	Chrysene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
SWMU64-TW-2-S2	9/26/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU64-TW-2-S2	9/26/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU64-TW-2-S2	9/26/2013	Cobalt	0.49	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU64-TW-2-S2	9/26/2013	Copper	0.584	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU64-TW-2-S2	9/26/2013	Diallate	260	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU64-TW-2-S2	9/26/2013	Dibenz(A,H)Anthracene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-2-S2	9/26/2013	Dibenz(A,H)Anthracene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
SWMU64-TW-2-S2	9/26/2013	Dibenzofuran	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
SWMU64-TW-2-S2	9/26/2013	Dichlorodifluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU64-TW-2-S2	9/26/2013	Diethyl Phthalate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
SWMU64-TW-2-S2	9/26/2013	Diethylene Glycol	6500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU64-TW-2-S2	9/26/2013	Dimethoate	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-2-S2	9/26/2013	Dimethyl Phthalate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
SWMU64-TW-2-S2	9/26/2013	Di-N-Butyl Phthalate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
SWMU64-TW-2-S2	9/26/2013	Diphenyl Ether	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
SWMU64-TW-2-S2	9/26/2013	Ethyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU64-TW-2-S2	9/26/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU64-TW-2-S2	9/26/2013	Ethyl Methanesulfonate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-2-S2	9/26/2013	Ethylbenzene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU64-TW-2-S2	9/26/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU64-TW-2-S2	9/26/2013	Ethylene Glycol	6500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-2-S2	9/26/2013	Fluoranthene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-2-S2	9/26/2013	Fluoranthene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-2-S2	9/26/2013	Fluorene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-2-S2	9/26/2013	Fluorene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
SWMU64-TW-2-S2	9/26/2013	Hexachlorobenzene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
SWMU64-TW-2-S2	9/26/2013	Hexachlorobutadiene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU64-TW-2-S2	9/26/2013	Hexachlorocyclopentadiene	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU64-TW-2-S2	9/26/2013	Hexachloroethane	260	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
SWMU64-TW-2-S2	9/26/2013	Hexachloropropylene	780	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
SWMU64-TW-2-S2	9/26/2013	Indeno (1,2,3-CD) Pyrene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S2	9/26/2013	Indeno (1,2,3-CD) Pyrene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
SWMU64-TW-2-S2	9/26/2013	Iodomethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU64-TW-2-S2	9/26/2013	Isobutyl Alcohol	110	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU64-TW-2-S2	9/26/2013	Isodrin	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
SWMU64-TW-2-S2	9/26/2013	Isophorone	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
SWMU64-TW-2-S2	9/26/2013	Isosafrole	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU64-TW-2-S2	9/26/2013	Lead	5.5	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU64-TW-2-S2	9/26/2013	Mercury	0.0371	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU64-TW-2-S2	9/26/2013	Meta- And Para-Xylene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
SWMU64-TW-2-S2	9/26/2013	Methacrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-2-S2	9/26/2013	Methapyrilene	13000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
SWMU64-TW-2-S2	9/26/2013	Methyl Bromide	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU64-TW-2-S2	9/26/2013	Methyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU64-TW-2-S2	9/26/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU64-TW-2-S2	9/26/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU64-TW-2-S2	9/26/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU64-TW-2-S2	9/26/2013	Methyl Methanesulfonate	260	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU64-TW-2-S2	9/26/2013	Methyl Tertiary Butyl Ether	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU64-TW-2-S2	9/26/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU64-TW-2-S2	9/26/2013	Methylene Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU64-TW-2-S2	9/26/2013	Naphthalene	500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-2-S2	9/26/2013	Naphthalene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-2-S2	9/26/2013	Naphthalene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU64-TW-2-S2	9/26/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	7.77	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
SWMU64-TW-2-S2	9/26/2013	N-Dioctyl Phthalate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
SWMU64-TW-2-S2	9/26/2013	Nickel	2.22	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU64-TW-2-S2	9/26/2013	Nitrobenzene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
SWMU64-TW-2-S2	9/26/2013	N-Nitroso(Methyl)Ethylamine	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
SWMU64-TW-2-S2	9/26/2013	N-Nitrosodiethylamine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
SWMU64-TW-2-S2	9/26/2013	N-Nitrosodimethylamine	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
SWMU64-TW-2-S2	9/26/2013	N-Nitroso-Di-N-Butylamine	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
SWMU64-TW-2-S2	9/26/2013	N-Nitrosodi-N-Propylamine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
SWMU64-TW-2-S2	9/26/2013	N-Nitrosodiphenylamine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
SWMU64-TW-2-S2	9/26/2013	N-Nitrosomorpholine	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
SWMU64-TW-2-S2	9/26/2013	N-Nitrosopiperidine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
SWMU64-TW-2-S2	9/26/2013	N-Nitrosopyrrolidine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
SWMU64-TW-2-S2	9/26/2013	O,O,O-Triethylphosphorothioate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU64-TW-2-S2	9/26/2013	Ortho-Xylene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
SWMU64-TW-2-S2	9/26/2013	O-Toluidine	1600	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
SWMU64-TW-2-S2	9/26/2013	para-Phenylenediamine	91000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
SWMU64-TW-2-S2	9/26/2013	Pentachlorobenzene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
SWMU64-TW-2-S2	9/26/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU64-TW-2-S2	9/26/2013	Pentachloronitrobenzene	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
SWMU64-TW-2-S2	9/26/2013	Pentachlorophenol	260	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
SWMU64-TW-2-S2	9/26/2013	Phenacetin	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
SWMU64-TW-2-S2	9/26/2013	Phenanthrene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU64-TW-2-S2	9/26/2013	Phenanthrene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
SWMU64-TW-2-S2	9/26/2013	Phenol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU64-TW-2-S2	9/26/2013	Pronamide	260	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
SWMU64-TW-2-S2	9/26/2013	Propionitrile	33	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU64-TW-2-S2	9/26/2013	Propylene Glycol	6500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU64-TW-2-S2	9/26/2013	Pyrene	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU64-TW-2-S2	9/26/2013	Pyrene	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
SWMU64-TW-2-S2	9/26/2013	Pyridine	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
SWMU64-TW-2-S2	9/26/2013	Safrole	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
SWMU64-TW-2-S2	9/26/2013	Selenium	0.281	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-2-S2	9/26/2013	Silver	0.216	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-2-S2	9/26/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU64-TW-2-S2	9/26/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU64-TW-2-S2	9/26/2013	Tetraethyl Dithiopyrophosphate	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
SWMU64-TW-2-S2	9/26/2013	Thallium	0.0807	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU64-TW-2-S2	9/26/2013	Thionazin	520	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
SWMU64-TW-2-S2	9/26/2013	Tin	1.98	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU64-TW-2-S2	9/26/2013	Toluene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-2-S2	9/26/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-2-S2	9/26/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU64-TW-2-S2	9/26/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU64-TW-2-S2	9/26/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU64-TW-2-S2	9/26/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU64-TW-2-S2	9/26/2013	Trichlorofluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU64-TW-2-S2	9/26/2013	Triethylene Glycol	6500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
SWMU64-TW-2-S2	9/26/2013	Unadjusted C11 - C22 Aromatics	16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU64-TW-2-S2	9/26/2013	Vanadium	18.9	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU64-TW-2-S2	9/26/2013	Vinyl Acetate	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU64-TW-2-S2	9/26/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU64-TW-2-S2	9/26/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU64-TW-2-S2	9/26/2013	Zinc	5.04	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU82-TW-1-S2	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU82-TW-1-S2	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU82-TW-1-S2	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU82-TW-1-S2	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-1-S2	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-1-S2	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU82-TW-1-S2	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU82-TW-1-S2	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU82-TW-1-S2	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU82-TW-1-S2	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU82-TW-1-S2	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU82-TW-1-S2	10/1/2013	1,4-Dioxane	5.6	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-1-S2	10/1/2013	2-Hexanone	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-1-S2	10/1/2013	Acetone	7	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU82-TW-1-S2	10/1/2013	Acetonitrile	26	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-1-S2	10/1/2013	Acrolein	21	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU82-TW-1-S2	10/1/2013	Acrylonitrile	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU82-TW-1-S2	10/1/2013	Allyl Chloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-1-S2	10/1/2013	Antimony	0.946	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU82-TW-1-S2	10/1/2013	Arsenic	0.896	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU82-TW-1-S2	10/1/2013	Barium	6.87	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU82-TW-1-S2	10/1/2013	Benzene	0.5	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU82-TW-1-S2	10/1/2013	Beryllium	0.0856	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU82-TW-1-S2	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-1-S2	10/1/2013	Bromoform	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU82-TW-1-S2	10/1/2013	Cadmium	0.0971	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU82-TW-1-S2	10/1/2013	Carbon Disulfide	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-1-S2	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU82-TW-1-S2	10/1/2013	Chlorobenzene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-1-S2	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU82-TW-1-S2	10/1/2013	Chloroform	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-1-S2	10/1/2013	Chloroprene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU82-TW-1-S2	10/1/2013	Chromium	7.37	MG/KG				Y	4-6 Feet	FS	Soil	Site Background	42.7
SWMU82-TW-1-S2	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU82-TW-1-S2	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-1-S2	10/1/2013	Cobalt	0.187	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU82-TW-1-S2	10/1/2013	Copper	0.371	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU82-TW-1-S2	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU82-TW-1-S2	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU82-TW-1-S2	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU82-TW-1-S2	10/1/2013	Ethylbenzene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU82-TW-1-S2	10/1/2013	Iodomethane	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-1-S2	10/1/2013	Isobutyl Alcohol	110	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU82-TW-1-S2	10/1/2013	Lead	6.11	MG/KG		J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU82-TW-1-S2	10/1/2013	Mercury	0.0224	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU82-TW-1-S2	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU82-TW-1-S2	10/1/2013	Methyl Bromide	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-1-S2	10/1/2013	Methyl Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU82-TW-1-S2	10/1/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU82-TW-1-S2	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU82-TW-1-S2	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU82-TW-1-S2	10/1/2013	Methylene Bromide	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU82-TW-1-S2	10/1/2013	Methylene Chloride	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU82-TW-1-S2	10/1/2013	Nickel	0.909	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU82-TW-1-S2	10/1/2013	Pentachloroethane	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU82-TW-1-S2	10/1/2013	Propionitrile	32	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU82-TW-1-S2	10/1/2013	Selenium	0.128	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-1-S2	10/1/2013	Silver	0.217	MG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-1-S2	10/1/2013	Styrene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU82-TW-1-S2	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU82-TW-1-S2	10/1/2013	Thallium	0.0654	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU82-TW-1-S2	10/1/2013	Tin	2.13	MG/KG	J	B		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU82-TW-1-S2	10/1/2013	Toluene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-1-S2	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU82-TW-1-S2	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-1-S2	10/1/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU82-TW-1-S2	10/1/2013	Trichloroethene	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU82-TW-1-S2	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU82-TW-1-S2	10/1/2013	Vanadium	10.9	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-1-S2	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-1-S2	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU82-TW-1-S2	10/1/2013	Xylenes	1	UG/KG	U			N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU82-TW-1-S2	10/1/2013	Zinc	2.49	MG/KG	J	B		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU82-TW-2-S2	10/1/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU82-TW-2-S2	10/1/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU82-TW-2-S2	10/1/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU82-TW-2-S2	10/1/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-2-S2	10/1/2013	1,1-Dichloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-2-S2	10/1/2013	1,1-Dichloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU82-TW-2-S2	10/1/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU82-TW-2-S2	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU82-TW-2-S2	10/1/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU82-TW-2-S2	10/1/2013	1,2-Dichloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU82-TW-2-S2	10/1/2013	1,2-Dichloropropane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU82-TW-2-S2	10/1/2013	1,4-Dioxane	5.7	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-2-S2	10/1/2013	2-Hexanone	3	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-2-S2	10/1/2013	Acetone	8	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU82-TW-2-S2	10/1/2013	Acetonitrile	28	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-2-S2	10/1/2013	Acrolein	22	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU82-TW-2-S2	10/1/2013	Acrylonitrile	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU82-TW-2-S2	10/1/2013	Allyl Chloride	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-2-S2	10/1/2013	Antimony	0.945	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU82-TW-2-S2	10/1/2013	Barium	166	MG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU82-TW-2-S2	10/1/2013	Benzene	0.6	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU82-TW-2-S2	10/1/2013	Beryllium	0.493	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU82-TW-2-S2	10/1/2013	Bromodichloromethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-2-S2	10/1/2013	Bromoform	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU82-TW-2-S2	10/1/2013	Cadmium	0.0971	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU82-TW-2-S2	10/1/2013	Carbon Disulfide	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-2-S2	10/1/2013	Carbon Tetrachloride	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU82-TW-2-S2	10/1/2013	Chlorobenzene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-2-S2	10/1/2013	Chlorodibromomethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU82-TW-2-S2	10/1/2013	Chloroform	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-2-S2	10/1/2013	Chloroprene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU82-TW-2-S2	10/1/2013	Arsenic	16.9	MG/KG			Y	Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU82-TW-2-S2	10/1/2013	Chromium	31.7	MG/KG				Y	8-10 Feet	FS	Soil	Site Background	42.7
SWMU82-TW-2-S2	10/1/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU82-TW-2-S2	10/1/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-2-S2	10/1/2013	Cobalt	0.763	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU82-TW-2-S2	10/1/2013	Copper	2.58	MG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU82-TW-2-S2	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
SWMU82-TW-2-S2	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU82-TW-2-S2	10/1/2013	Ethyl Methacrylate	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU82-TW-2-S2	10/1/2013	Ethylbenzene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU82-TW-2-S2	10/1/2013	Iodomethane	3	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-2-S2	10/1/2013	Isobutyl Alcohol	110	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU82-TW-2-S2	10/1/2013	Lead	88.7	MG/KG		J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU82-TW-2-S2	10/1/2013	Mercury	0.0159	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU82-TW-2-S2	10/1/2013	Methacrylonitrile	6	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU82-TW-2-S2	10/1/2013	Methyl Bromide	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-2-S2	10/1/2013	Methyl Chloride	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU82-TW-2-S2	10/1/2013	Methyl Ethyl Ketone	4	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU82-TW-2-S2	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU82-TW-2-S2	10/1/2013	Methyl Methacrylate	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU82-TW-2-S2	10/1/2013	Methylene Bromide	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU82-TW-2-S2	10/1/2013	Methylene Chloride	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU82-TW-2-S2	10/1/2013	Nickel	2.82	MG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU82-TW-2-S2	10/1/2013	Pentachloroethane	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU82-TW-2-S2	10/1/2013	Propionitrile	33	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU82-TW-2-S2	10/1/2013	Selenium	0.381	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-2-S2	10/1/2013	Silver	0.217	MG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-2-S2	10/1/2013	Styrene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU82-TW-2-S2	10/1/2013	Tetrachloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU82-TW-2-S2	10/1/2013	Thallium	0.199	MG/KG	J	J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU82-TW-2-S2	10/1/2013	Tin	2.33	MG/KG	J	B		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU82-TW-2-S2	10/1/2013	Toluene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-2-S2	10/1/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU82-TW-2-S2	10/1/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-2-S2	10/1/2013	trans-1,4-Dichlorobutene-2	11	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU82-TW-2-S2	10/1/2013	Trichloroethene	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU82-TW-2-S2	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU82-TW-2-S2	10/1/2013	Vanadium	66.7	MG/KG				Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-2-S2	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-2-S2	10/1/2013	Vinyl Chloride	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU82-TW-2-S2	10/1/2013	Xylenes	1	UG/KG	U			N	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU82-TW-2-S2	10/1/2013	Zinc	7.9	MG/KG		J		Y	8-10 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
SWMU82-TW-3-S2	10/1/2013	1,1,1,2-Tetrachloroethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
SWMU82-TW-3-S2	10/1/2013	1,1,1-Trichloroethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
SWMU82-TW-3-S2	10/1/2013	1,1,2,2-Tetrachloroethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
SWMU82-TW-3-S2	10/1/2013	1,1,2-Trichloroethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-3-S2	10/1/2013	1,1-Dichloroethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-3-S2	10/1/2013	1,1-Dichloroethene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
SWMU82-TW-3-S2	10/1/2013	1,2,3-Trichloropropane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
SWMU82-TW-3-S2	10/1/2013	1,2-Dibromo-3-Chloropropane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
SWMU82-TW-3-S2	10/1/2013	1,2-Dibromoethane (EDB)	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
SWMU82-TW-3-S2	10/1/2013	1,2-Dichloroethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
SWMU82-TW-3-S2	10/1/2013	1,2-Dichloropropane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
SWMU82-TW-3-S2	10/1/2013	1,4-Dioxane	4.7	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
SWMU82-TW-3-S2	10/1/2013	2-Hexanone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-3-S2	10/1/2013	Acetone	57	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
SWMU82-TW-3-S2	10/1/2013	Acetonitrile	23	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-3-S2	10/1/2013	Acrolein	19	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
SWMU82-TW-3-S2	10/1/2013	Acrylonitrile	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
SWMU82-TW-3-S2	10/1/2013	Allyl Chloride	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-3-S2	10/1/2013	Antimony	0.814	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
SWMU82-TW-3-S2	10/1/2013	Arsenic	1.49	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
SWMU82-TW-3-S2	10/1/2013	Barium	10	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
SWMU82-TW-3-S2	10/1/2013	Benzene	0.5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
SWMU82-TW-3-S2	10/1/2013	Beryllium	0.0737	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
SWMU82-TW-3-S2	10/1/2013	Bromodichloromethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
SWMU82-TW-3-S2	10/1/2013	Bromoform	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
SWMU82-TW-3-S2	10/1/2013	Cadmium	0.123	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
SWMU82-TW-3-S2	10/1/2013	Carbon Disulfide	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
SWMU82-TW-3-S2	10/1/2013	Carbon Tetrachloride	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
SWMU82-TW-3-S2	10/1/2013	Chlorobenzene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
SWMU82-TW-3-S2	10/1/2013	Chlorodibromomethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
SWMU82-TW-3-S2	10/1/2013	Chloroform	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
SWMU82-TW-3-S2	10/1/2013	Chloroprene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
SWMU82-TW-3-S2	10/1/2013	Chromium	8.6	MG/KG				Y	2-4 Feet	FS	Soil	Site Background	42.7
SWMU82-TW-3-S2	10/1/2013	cis-1,2 Dichloroethene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
SWMU82-TW-3-S2	10/1/2013	cis-1,3-Dichloropropene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-3-S2	10/1/2013	Cobalt	0.238	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
SWMU82-TW-3-S2	10/1/2013	Copper	0.517	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
SWMU82-TW-3-S2	10/1/2013	Dichlorodifluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
SWMU82-TW-3-S2	10/1/2013	Ethyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
SWMU82-TW-3-S2	10/1/2013	Ethyl Methacrylate	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
SWMU82-TW-3-S2	10/1/2013	Ethylbenzene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
SWMU82-TW-3-S2	10/1/2013	Iodomethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-3-S2	10/1/2013	Isobutyl Alcohol	93	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
SWMU82-TW-3-S2	10/1/2013	Lead	7.64	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
SWMU82-TW-3-S2	10/1/2013	Mercury	0.0192	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
SWMU82-TW-3-S2	10/1/2013	Methacrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
SWMU82-TW-3-S2	10/1/2013	Methyl Bromide	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
SWMU82-TW-3-S2	10/1/2013	Methyl Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
SWMU82-TW-3-S2	10/1/2013	Methyl Ethyl Ketone	6	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
SWMU82-TW-3-S2	10/1/2013	Methyl Isobutyl Ketone	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
SWMU82-TW-3-S2	10/1/2013	Methyl Methacrylate	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
SWMU82-TW-3-S2	10/1/2013	Methylene Bromide	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
SWMU82-TW-3-S2	10/1/2013	Methylene Chloride	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
SWMU82-TW-3-S2	10/1/2013	Nickel	1.05	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
SWMU82-TW-3-S2	10/1/2013	Pentachloroethane	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
SWMU82-TW-3-S2	10/1/2013	Propionitrile	28	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
SWMU82-TW-3-S2	10/1/2013	Selenium	0.21	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-3-S2	10/1/2013	Silver	0.187	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-3-S2	10/1/2013	Styrene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
SWMU82-TW-3-S2	10/1/2013	Tetrachloroethene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
SWMU82-TW-3-S2	10/1/2013	Thallium	0.0686	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
SWMU82-TW-3-S2	10/1/2013	Tin	1.86	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
SWMU82-TW-3-S2	10/1/2013	Toluene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-3-S2	10/1/2013	trans-1,2-Dichloroethene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
SWMU82-TW-3-S2	10/1/2013	trans-1,3-Dichloropropene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
SWMU82-TW-3-S2	10/1/2013	trans-1,4-Dichlorobutene-2	9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
SWMU82-TW-3-S2	10/1/2013	Trichloroethene	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
SWMU82-TW-3-S2	10/1/2013	Trichlorofluoromethane	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
SWMU82-TW-3-S2	10/1/2013	Vanadium	12.2	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
SWMU82-TW-3-S2	10/1/2013	Vinyl Acetate	2	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
SWMU82-TW-3-S2	10/1/2013	Vinyl Chloride	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
SWMU82-TW-3-S2	10/1/2013	Xylenes	0.9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
SWMU82-TW-3-S2	10/1/2013	Zinc	4.08	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T10	5/23/2006	1,1,1,2-Tetrachloroethane	0.53	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T10	5/23/2006	1,1,1,2-Tetrachloroethane	0.54	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T10	5/23/2006	1,1,1-Trichloroethane	0.76	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T10	5/23/2006	1,1,1-Trichloroethane	0.77	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T10	5/23/2006	1,1,2,2-Tetrachloroethane	3.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T10	5/23/2006	1,1,2,2-Tetrachloroethane	3.2	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T10	5/23/2006	1,1,2-Trichloroethane	0.52	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T10	5/23/2006	1,1,2-Trichloroethane	0.52	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T10	5/23/2006	1,1-Dichloroethane	0.62	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T10	5/23/2006	1,1-Dichloroethane	0.61	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T10	5/23/2006	1,1-Dichloroethene	0.85	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T10	5/23/2006	1,1-Dichloroethene	0.86	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T10	5/23/2006	1,2,3-Trichloropropane	2.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T10	5/23/2006	1,2,3-Trichloropropane	2.1	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	95
T10	5/23/2006	1,2,4,5-Tetrachlorobenzene	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T10	5/23/2006	1,2,4,5-Tetrachlorobenzene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T10	5/23/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T10	5/23/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T10	5/23/2006	1,2-Dibromo-3-Chloropropane	4.3	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
T10	5/23/2006	1,2-Dibromo-3-Chloropropane	4.2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T10	5/23/2006	1,2-Dibromoethane (EDB)	0.75	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T10	5/23/2006	1,2-Dibromoethane (EDB)	0.75	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T10	5/23/2006	1,2-Dichlorobenzene	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T10	5/23/2006	1,2-Dichlorobenzene	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T10	5/23/2006	1,2-Dichloroethane	0.77	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T10	5/23/2006	1,2-Dichloroethane	0.76	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T10	5/23/2006	1,2-Dichloropropane	0.68	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T10	5/23/2006	1,2-Dichloropropane	0.67	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T10	5/23/2006	1,2-Diphenylhydrazine	7.7	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T10	5/23/2006	1,2-Diphenylhydrazine	7.8	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T10	5/23/2006	1,3,5-Trinitrobenzene	290	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T10	5/23/2006	1,3,5-Trinitrobenzene	280	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T10	5/23/2006	1,3-Dichlorobenzene	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T10	5/23/2006	1,3-Dichlorobenzene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T10	5/23/2006	1,3-Dinitrobenzene	8.4	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T10	5/23/2006	1,3-Dinitrobenzene	8.6	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T10	5/23/2006	1,4-Dichlorobenzene	17	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T10	5/23/2006	1,4-Dichlorobenzene	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T10	5/23/2006	1,4-Dioxane	59	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T10	5/23/2006	1,4-Dioxane	60	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T10	5/23/2006	1,4-Naphthoquinone	270	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T10	5/23/2006	1,4-Naphthoquinone	260	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T10	5/23/2006	1-Naphthylamine	40	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T10	5/23/2006	1-Naphthylamine	40	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
T10	5/23/2006	2,3,4,6-Tetrachlorophenol	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T10	5/23/2006	2,3,4,6-Tetrachlorophenol	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T10	5/23/2006	2,4,5-Trichlorophenol	34	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	2,4,5-Trichlorophenol	35	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	2,4,6-Trichlorophenol	44	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T10	5/23/2006	2,4,6-Trichlorophenol	43	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T10	5/23/2006	2,4-Dichlorophenol	17	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T10	5/23/2006	2,4-Dichlorophenol	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T10	5/23/2006	2,4-Dimethylphenol	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T10	5/23/2006	2,4-Dimethylphenol	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T10	5/23/2006	2,4-Dinitrophenol	270	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T10	5/23/2006	2,4-Dinitrophenol	270	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T10	5/23/2006	2,4-Dinitrotoluene	38	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T10	5/23/2006	2,4-Dinitrotoluene	38	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T10	5/23/2006	2,6-Dichlorophenol	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T10	5/23/2006	2,6-Dichlorophenol	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T10	5/23/2006	2,6-Dinitrotoluene	64	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T10	5/23/2006	2,6-Dinitrotoluene	63	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T10	5/23/2006	2-Acetylaminofluorene	20	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	450
T10	5/23/2006	2-Acetylaminofluorene	21	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T10	5/23/2006	2-Chloronaphthalene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T10	5/23/2006	2-Chloronaphthalene	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T10	5/23/2006	2-Chlorophenol	13	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T10	5/23/2006	2-Chlorophenol	13	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T10	5/23/2006	2-Hexanone	3	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T10	5/23/2006	2-Hexanone	2.9	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T10	5/23/2006	2-Methylnaphthalene	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T10	5/23/2006	2-Methylnaphthalene	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T10	5/23/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	2-Naphthylamine	48	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T10	5/23/2006	2-Naphthylamine	48	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
T10	5/23/2006	2-Nitroaniline	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T10	5/23/2006	2-Nitroaniline	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T10	5/23/2006	2-Nitrophenol	61	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T10	5/23/2006	2-Nitrophenol	62	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T10	5/23/2006	2-Picoline	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T10	5/23/2006	2-Picoline	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T10	5/23/2006	3,3'-Dichlorobenzidine	38	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T10	5/23/2006	3,3'-Dichlorobenzidine	39	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T10	5/23/2006	3,3'-Dimethylbenzidine	110	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	160
T10	5/23/2006	3,3'-Dimethylbenzidine	120	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T10	5/23/2006	3-Methylcholanthrene	10	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T10	5/23/2006	3-Methylcholanthrene	9.9	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
T10	5/23/2006	3-Nitroaniline	40	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T10	5/23/2006	3-Nitroaniline	40	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T10	5/23/2006	4,6-Dinitro-2-Methylphenol	320	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T10	5/23/2006	4,6-Dinitro-2-Methylphenol	320	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T10	5/23/2006	4-Aminobiphenyl	110	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T10	5/23/2006	4-Aminobiphenyl	110	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82
T10	5/23/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T10	5/23/2006	4-Bromophenyl Phenyl Ether	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T10	5/23/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	4-Chloroaniline	13	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T10	5/23/2006	4-Chloroaniline	13	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T10	5/23/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T10	5/23/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T10	5/23/2006	4-Dimethylaminoazobenzene	6.9	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T10	5/23/2006	4-Dimethylaminoazobenzene	6.8	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	370
T10	5/23/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	4-Nitroaniline	47	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T10	5/23/2006	4-Nitroaniline	46	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T10	5/23/2006	4-Nitrophenol	330	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T10	5/23/2006	4-Nitrophenol	320	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T10	5/23/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T10	5/23/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T10	5/23/2006	5-Nitro-Ortho-Toluidine	31	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T10	5/23/2006	5-Nitro-Ortho-Toluidine	31	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T10	5/23/2006	7,12-Dimethylbenz[A]Anthracene	24	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T10	5/23/2006	7,12-Dimethylbenz[A]Anthracene	25	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T10	5/23/2006	Acenaphthene	12	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T10	5/23/2006	Acenaphthene	12	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T10	5/23/2006	Acenaphthylene	8.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T10	5/23/2006	Acenaphthylene	8	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T10	5/23/2006	Acetone	4	UG/KG	J	J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Acetone	5.7	UG/KG	J	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Acetonitrile	7.7	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T10	5/23/2006	Acetonitrile	7.6	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T10	5/23/2006	Acetophenone	17	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T10	5/23/2006	Acetophenone	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T10	5/23/2006	Acrolein	5.3	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T10	5/23/2006	Acrolein	5.4	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
T10	5/23/2006	Acrylonitrile	6.5	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T10	5/23/2006	Acrylonitrile	6.5	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T10	5/23/2006	Allyl Chloride	0.76	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T10	5/23/2006	Allyl Chloride	0.77	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T10	5/23/2006	Alpha,Alpha-Dimethylphenethylamine	410	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T10	5/23/2006	Alpha,Alpha-Dimethylphenethylamine	400	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T10	5/23/2006	Aniline	27	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T10	5/23/2006	Aniline	26	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T10	5/23/2006	Anthracene	7.8	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T10	5/23/2006	Anthracene	7.7	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T10	5/23/2006	Antimony	0.33	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T10	5/23/2006	Antimony	0.29	MG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T10	5/23/2006	Aramite	7.7	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T10	5/23/2006	Aramite	7.8	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T10	5/23/2006	Barium	22.1	MG/KG				Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T10	5/23/2006	Barium	29	MG/KG				Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T10	5/23/2006	Benzene	0.67	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T10	5/23/2006	Benzene	0.66	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T10	5/23/2006	Benzo(A)Anthracene	11	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T10	5/23/2006	Benzo(A)Anthracene	11	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T10	5/23/2006	Benzo(B)Fluoranthene	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T10	5/23/2006	Benzo(B)Fluoranthene	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T10	5/23/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T10	5/23/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T10	5/23/2006	Benzo(K)Fluoranthene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T10	5/23/2006	Benzo(K)Fluoranthene	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T10	5/23/2006	Benzo[A]Pyrene	7.8	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T10	5/23/2006	Benzo[A]Pyrene	7.7	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
T10	5/23/2006	Benzyl Alcohol	29	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	Benzyl Alcohol	29	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	Beryllium	0.17	MG/KG	B	J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T10	5/23/2006	Beryllium	0.21	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T10	5/23/2006	Biphenyl	27	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T10	5/23/2006	Biphenyl	27	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T10	5/23/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T10	5/23/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T10	5/23/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T10	5/23/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T10	5/23/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T10	5/23/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T10	5/23/2006	Bis(2-Ethylhexyl)Phthalate	34	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T10	5/23/2006	Bis(2-Ethylhexyl)Phthalate	34	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T10	5/23/2006	Bromodichloromethane	0.61	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T10	5/23/2006	Bromodichloromethane	0.62	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T10	5/23/2006	Bromoform	1.1	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T10	5/23/2006	Bromoform	1.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T10	5/23/2006	Butyl Benzyl Phthalate	32	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T10	5/23/2006	Butyl Benzyl Phthalate	31	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T10	5/23/2006	Cadmium	0.036	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T10	5/23/2006	Cadmium	0.031	MG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T10	5/23/2006	Carbon Disulfide	0.82	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T10	5/23/2006	Carbon Disulfide	0.81	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T10	5/23/2006	Carbon Tetrachloride	1.1	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T10	5/23/2006	Carbon Tetrachloride	1.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T10	5/23/2006	Chlorobenzene	0.58	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T10	5/23/2006	Chlorobenzene	0.57	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T10	5/23/2006	Chlorobenzilate	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T10	5/23/2006	Chlorobenzilate	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T10	5/23/2006	Chlorodibromomethane	0.65	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T10	5/23/2006	Chlorodibromomethane	0.64	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T10	5/23/2006	Chloroform	0.72	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T10	5/23/2006	Chloroform	0.73	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T10	5/23/2006	Chloroprene	1.2	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	47
T10	5/23/2006	Chloroprene	1.2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T10	5/23/2006	Arsenic	12.3	MG/KG			Y	Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T10	5/23/2006	Arsenic	11.8	MG/KG			Y	Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T10	5/23/2006	Chromium	46.8	MG/KG			Y	Y	7.8-7.8 Feet	FS	Soil	Site Background	42.7
T10	5/23/2006	Chromium	41.5	MG/KG				Y	7.8-7.8 Feet	DUP	Soil	Site Background	42.7
T10	5/23/2006	Chrysene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T10	5/23/2006	Chrysene	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T10	5/23/2006	cis-1,2 Dichloroethene	0.63	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T10	5/23/2006	cis-1,2 Dichloroethene	0.63	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T10	5/23/2006	cis-1,3-Dichloropropene	0.58	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T10	5/23/2006	cis-1,3-Dichloropropene	0.57	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T10	5/23/2006	Cobalt	0.81	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T10	5/23/2006	Cobalt	0.55	MG/KG	B	J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T10	5/23/2006	Copper	1.5	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T10	5/23/2006	Copper	1.1	MG/KG	B	J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T10	5/23/2006	Cyanide	300	UG/KG		UJ		N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T10	5/23/2006	Cyanide	300	UG/KG		UJ		N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T10	5/23/2006	Diallate	26	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T10	5/23/2006	Diallate	26	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T10	5/23/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
T10	5/23/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T10	5/23/2006	Dibenzofuran	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T10	5/23/2006	Dibenzofuran	13	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T10	5/23/2006	Dichlorodifluoromethane	4.6	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T10	5/23/2006	Dichlorodifluoromethane	4.7	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T10	5/23/2006	Diethyl Phthalate	9.1	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T10	5/23/2006	Diethyl Phthalate	9.3	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T10	5/23/2006	Diethylene Glycol	2600	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T10	5/23/2006	Diethylene Glycol	2700	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T10	5/23/2006	Dimethoate	43	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T10	5/23/2006	Dimethoate	42	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T10	5/23/2006	Dimethyl Phthalate	27	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T10	5/23/2006	Dimethyl Phthalate	28	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T10	5/23/2006	Dimethyl Terephthalate	28	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T10	5/23/2006	Dimethyl Terephthalate	28	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T10	5/23/2006	Di-N-Butyl Phthalate	10	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	Di-N-Butyl Phthalate	10	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T10	5/23/2006	Diphenyl Amine	45	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T10	5/23/2006	Diphenyl Amine	44	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T10	5/23/2006	Diphenyl Ether	24	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T10	5/23/2006	Diphenyl Ether	97	UG/KG	J	J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T10	5/23/2006	Ethyl Chloride	0.69	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T10	5/23/2006	Ethyl Chloride	0.69	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T10	5/23/2006	Ethyl Methacrylate	0.8	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T10	5/23/2006	Ethyl Methacrylate	0.79	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T10	5/23/2006	Ethyl Methanesulfonate	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T10	5/23/2006	Ethyl Methanesulfonate	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T10	5/23/2006	Ethylbenzene	0.84	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T10	5/23/2006	Ethylbenzene	0.85	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T10	5/23/2006	Ethylene Glycol	2500	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Ethylene Glycol	2500	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Fluoranthene	11	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T10	5/23/2006	Fluoranthene	11	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T10	5/23/2006	Fluorene	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T10	5/23/2006	Fluorene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T10	5/23/2006	Hexachlorobenzene	12	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T10	5/23/2006	Hexachlorobenzene	12	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T10	5/23/2006	Hexachlorobutadiene	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T10	5/23/2006	Hexachlorobutadiene	18	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T10	5/23/2006	Hexachlorocyclopentadiene	330	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T10	5/23/2006	Hexachlorocyclopentadiene	330	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T10	5/23/2006	Hexachloroethane	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T10	5/23/2006	Hexachloroethane	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T10	5/23/2006	Hexachloropropylene	13	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T10	5/23/2006	Hexachloropropylene	13	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T10	5/23/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T10	5/23/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T10	5/23/2006	Iodomethane	0.61	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T10	5/23/2006	Iodomethane	0.61	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T10	5/23/2006	Isobutyl Alcohol	29	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T10	5/23/2006	Isobutyl Alcohol	29	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T10	5/23/2006	Isodrin	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T10	5/23/2006	Isodrin	18	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100
T10	5/23/2006	Isophorone	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T10	5/23/2006	Isophorone	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T10	5/23/2006	Isosafrole	10	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T10	5/23/2006	Isosafrole	10	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T10	5/23/2006	Lead	19.9	MG/KG		J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T10	5/23/2006	Lead	25.7	MG/KG		J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T10	5/23/2006	Mercury	0.0078	MG/KG	B	J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T10	5/23/2006	Mercury	0.012	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T10	5/23/2006	Methacrylonitrile	6.2	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T10	5/23/2006	Methacrylonitrile	6.2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T10	5/23/2006	Methanol	1800	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Methanol	1700	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Methapyrilene	98	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T10	5/23/2006	Methapyrilene	97	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T10	5/23/2006	Methyl Bromide	0.65	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T10	5/23/2006	Methyl Bromide	0.65	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T10	5/23/2006	Methyl Chloride	0.62	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T10	5/23/2006	Methyl Chloride	0.61	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T10	5/23/2006	Methyl Ethyl Ketone	1.8	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T10	5/23/2006	Methyl Ethyl Ketone	1.8	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T10	5/23/2006	Methyl Isobutyl Ketone	1.7	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T10	5/23/2006	Methyl Isobutyl Ketone	1.7	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T10	5/23/2006	Methyl Methacrylate	0.81	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T10	5/23/2006	Methyl Methacrylate	0.8	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T10	5/23/2006	Methyl Methanesulfonate	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T10	5/23/2006	Methyl Methanesulfonate	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T10	5/23/2006	Methylene Bromide	0.87	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T10	5/23/2006	Methylene Bromide	0.88	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T10	5/23/2006	Methylene Chloride	0.9	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T10	5/23/2006	Methylene Chloride	0.89	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T10	5/23/2006	Naphthalene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T10	5/23/2006	Naphthalene	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T10	5/23/2006	N-Dioctyl Phthalate	20	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T10	5/23/2006	N-Dioctyl Phthalate	20	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T10	5/23/2006	Nickel	2.2	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T10	5/23/2006	Nickel	1.6	MG/KG	B	J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T10	5/23/2006	Nitrobenzene	20	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T10	5/23/2006	Nitrobenzene	21	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T10	5/23/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T10	5/23/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
T10	5/23/2006	N-Nitrosodiethylamine	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T10	5/23/2006	N-Nitrosodiethylamine	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	11
T10	5/23/2006	N-Nitrosodimethylamine	12	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34
T10	5/23/2006	N-Nitrosodimethylamine	12	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T10	5/23/2006	N-Nitroso-Di-N-Butylamine	20	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	400
T10	5/23/2006	N-Nitroso-Di-N-Butylamine	21	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T10	5/23/2006	N-Nitrosodi-N-Propylamine	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T10	5/23/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
T10	5/23/2006	N-Nitrosodiphenylamine	44	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T10	5/23/2006	N-Nitrosodiphenylamine	45	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T10	5/23/2006	N-Nitrosomorpholine	27	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T10	5/23/2006	N-Nitrosomorpholine	27	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	260
T10	5/23/2006	N-Nitrosopiperidine	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	180
T10	5/23/2006	N-Nitrosopiperidine	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T10	5/23/2006	N-Nitrosopyrrolidine	12	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T10	5/23/2006	N-Nitrosopyrrolidine	12	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	820
T10	5/23/2006	O,O,O-Triethylphosphorothioate	31	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T10	5/23/2006	O,O,O-Triethylphosphorothioate	32	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T10	5/23/2006	O-Toluidine	11	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T10	5/23/2006	O-Toluidine	11	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T10	5/23/2006	para-Phenylenediamine	450	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T10	5/23/2006	para-Phenylenediamine	460	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T10	5/23/2006	Pentachlorobenzene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T10	5/23/2006	Pentachlorobenzene	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T10	5/23/2006	Pentachloroethane	2.3	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T10	5/23/2006	Pentachloroethane	2.3	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T10	5/23/2006	Pentachloronitrobenzene	21	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T10	5/23/2006	Pentachloronitrobenzene	22	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T10	5/23/2006	Pentachlorophenol	310	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T10	5/23/2006	Pentachlorophenol	300	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T10	5/23/2006	Phenacetin	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T10	5/23/2006	Phenacetin	18	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T10	5/23/2006	Phenanthrene	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T10	5/23/2006	Phenanthrene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T10	5/23/2006	Phenol	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T10	5/23/2006	Phenol	15	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T10	5/23/2006	Pronamide	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T10	5/23/2006	Pronamide	18	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T10	5/23/2006	Propionitrile	6.9	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T10	5/23/2006	Propionitrile	6.9	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T10	5/23/2006	Propylene Glycol	3200	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Propylene Glycol	3200	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Pyrene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T10	5/23/2006	Pyrene	14	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T10	5/23/2006	Pyridine	48	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T10	5/23/2006	Pyridine	47	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T10	5/23/2006	Safrole	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T10	5/23/2006	Safrole	16	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T10	5/23/2006	Selenium	0.36	MG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T10	5/23/2006	Selenium	0.4	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T10	5/23/2006	Silver	0.18	MG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T10	5/23/2006	Silver	0.24	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T10	5/23/2006	Styrene	0.52	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T10	5/23/2006	Styrene	0.53	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T10	5/23/2006	Sulfide	95.9	MG/KG		UJ		N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Sulfide	97.4	MG/KG		UJ		N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T10	5/23/2006	Terephthalic Acid	6.1	MG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T10	5/23/2006	Terephthalic Acid	6.2	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T10	5/23/2006	Tetrachloroethene	3.3	UG/KG	J	J		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T10	5/23/2006	Tetrachloroethene	3.1	UG/KG	J	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T10	5/23/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T10	5/23/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T10	5/23/2006	Thallium	0.34	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T10	5/23/2006	Thallium	0.3	MG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T10	5/23/2006	Thionazin	33	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T10	5/23/2006	Thionazin	33	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T10	5/23/2006	Tin	1	MG/KG	B J	B		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T10	5/23/2006	Tin	0.92	MG/KG	B J	B		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T10	5/23/2006	Toluene	0.8	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T10	5/23/2006	Toluene	0.79	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T10	5/23/2006	trans-1,2-Dichloroethene	0.69	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T10	5/23/2006	trans-1,2-Dichloroethene	0.68	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T10	5/23/2006	trans-1,3-Dichloropropene	0.63	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T10	5/23/2006	trans-1,3-Dichloropropene	0.64	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T10	5/23/2006	trans-1,4-Dichlorobutene-2	2.4	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T10	5/23/2006	trans-1,4-Dichlorobutene-2	2.4	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	35
T10	5/23/2006	Trichloroethene	0.94	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T10	5/23/2006	Trichloroethene	0.93	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T10	5/23/2006	Trichlorofluoromethane	1	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T10	5/23/2006	Trichlorofluoromethane	1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T10	5/23/2006	Triethylene Glycol	3500	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T10	5/23/2006	Triethylene Glycol	3400	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T10	5/23/2006	Vanadium	47.4	MG/KG				Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T10	5/23/2006	Vanadium	56.3	MG/KG				Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T10	5/23/2006	Vinyl Acetate	1.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T10	5/23/2006	Vinyl Acetate	1.1	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T10	5/23/2006	Vinyl Chloride	0.77	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T10	5/23/2006	Vinyl Chloride	0.76	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T10	5/23/2006	Xylenes	2.1	UG/KG				N	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T10	5/23/2006	Xylenes	2.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T10	5/23/2006	Zinc	3.8	MG/KG	J			Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T10	5/23/2006	Zinc	1.7	MG/KG	B J	B		Y	7.8-7.8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T11	5/23/2006	1,1,1,2-Tetrachloroethane	0.51	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T11	5/23/2006	1,1,1-Trichloroethane	0.73	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T11	5/23/2006	1,1,2,2-Tetrachloroethane	3	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T11	5/23/2006	1,1,2-Trichloroethane	0.5	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T11	5/23/2006	1,1-Dichloroethane	0.59	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T11	5/23/2006	1,1-Dichloroethene	0.81	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T11	5/23/2006	1,2,3-Trichloropropane	2	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T11	5/23/2006	1,2,4,5-Tetrachlorobenzene	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T11	5/23/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T11	5/23/2006	1,2-Dibromo-3-Chloropropane	4.1	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T11	5/23/2006	1,2-Dibromoethane (EDB)	0.71	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T11	5/23/2006	1,2-Dichlorobenzene	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T11	5/23/2006	1,2-Dichloroethane	0.73	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T11	5/23/2006	1,2-Dichloropropane	0.64	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T11	5/23/2006	1,2-Diphenylhydrazine	7.5	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T11	5/23/2006	1,3,5-Trinitrobenzene	280	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T11	5/23/2006	1,3-Dichlorobenzene	16	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T11	5/23/2006	1,3-Dinitrobenzene	8.3	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T11	5/23/2006	1,4-Dichlorobenzene	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T11	5/23/2006	1,4-Dioxane	58	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T11	5/23/2006	1,4-Naphthoquinone	260	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T11	5/23/2006	1-Naphthylamine	39	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T11	5/23/2006	2,3,4,6-Tetrachlorophenol	16	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T11	5/23/2006	2,4,5-Trichlorophenol	33	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T11	5/23/2006	2,4,6-Trichlorophenol	43	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T11	5/23/2006	2,4-Dichlorophenol	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T11	5/23/2006	2,4-Dimethylphenol	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T11	5/23/2006	2,4-Dinitrophenol	270	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T11	5/23/2006	2,4-Dinitrotoluene	37	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T11	5/23/2006	2,6-Dichlorophenol	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T11	5/23/2006	2,6-Dinitrotoluene	62	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T11	5/23/2006	2-Acetylaminofluorene	20	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T11	5/23/2006	2-Chloronaphthalene	13	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T11	5/23/2006	2-Chlorophenol	13	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T11	5/23/2006	2-Hexanone	2.8	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T11	5/23/2006	2-Methylnaphthalene	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T11	5/23/2006	2-Methylphenol (O-Cresol)	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T11	5/23/2006	2-Naphthylamine	47	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T11	5/23/2006	2-Nitroaniline	16	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T11	5/23/2006	2-Nitrophenol	60	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T11	5/23/2006	2-Picoline	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T11	5/23/2006	3,3'-Dichlorobenzidine	37	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T11	5/23/2006	3,3'-Dimethylbenzidine	110	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T11	5/23/2006	3-Methylcholanthrene	9.7	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T11	5/23/2006	3-Nitroaniline	39	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T11	5/23/2006	4,6-Dinitro-2-Methylphenol	310	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T11	5/23/2006	4-Aminobiphenyl	100	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T11	5/23/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T11	5/23/2006	4-Chloro-3-Methylphenol	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T11	5/23/2006	4-Chloroaniline	12	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T11	5/23/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T11	5/23/2006	4-Dimethylaminoazobenzene	6.7	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T11	5/23/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T11	5/23/2006	4-Nitroaniline	45	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T11	5/23/2006	4-Nitrophenol	320	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T11	5/23/2006	4-Nitroquinoline-N-Oxide	220	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T11	5/23/2006	5-Nitro-Ortho-Toluidine	30	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T11	5/23/2006	7,12-Dimethylbenz[A]Anthracene	24	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T11	5/23/2006	Acenaphthene	11	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T11	5/23/2006	Acenaphthylene	7.9	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T11	5/23/2006	Acetone	1.6	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T11	5/23/2006	Acetonitrile	7.3	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T11	5/23/2006	Acetophenone	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T11	5/23/2006	Acrolein	5.1	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T11	5/23/2006	Acrylonitrile	6.2	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T11	5/23/2006	Allyl Chloride	0.73	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T11	5/23/2006	Alpha,Alpha-Dimethylphenethylamine	390	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T11	5/23/2006	Aniline	26	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T11	5/23/2006	Anthracene	7.6	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T11	5/23/2006	Antimony	0.31	MG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T11	5/23/2006	Aramite	7.5	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T11	5/23/2006	Barium	98.3	MG/KG				Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T11	5/23/2006	Benzene	0.63	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T11	5/23/2006	Benzo(A)Anthracene	11	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T11	5/23/2006	Benzo(B)Fluoranthene	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T11	5/23/2006	Benzo(G,H,I)Perylene	16	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T11	5/23/2006	Benzo(K)Fluoranthene	13	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T11	5/23/2006	Benzo[A]Pyrene	7.5	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T11	5/23/2006	Benzyl Alcohol	28	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T11	5/23/2006	Beryllium	0.29	MG/KG	B	J		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T11	5/23/2006	Biphenyl	26	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T11	5/23/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T11	5/23/2006	Bis(2-Chloroethoxy)Methane	13	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T11	5/23/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T11	5/23/2006	Bis(2-Ethylhexyl)Phthalate	33	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T11	5/23/2006	Bromodichloromethane	0.59	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T11	5/23/2006	Bromoform	1.1	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T11	5/23/2006	Butyl Benzyl Phthalate	31	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T11	5/23/2006	Cadmium	0.033	MG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T11	5/23/2006	Carbon Disulfide	0.78	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T11	5/23/2006	Carbon Tetrachloride	1.1	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T11	5/23/2006	Chlorobenzene	0.55	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T11	5/23/2006	Chlorobenzilate	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T11	5/23/2006	Chlorodibromomethane	0.62	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T11	5/23/2006	Chloroform	0.69	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T11	5/23/2006	Chloroprene	1.1	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T11	5/23/2006	Arsenic	4	MG/KG			Y	Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T11	5/23/2006	Chromium	23	MG/KG				Y	6.8-6.8 Feet	FS	Soil	Site Background	42.7
T11	5/23/2006	Chrysene	13	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T11	5/23/2006	cis-1,2 Dichloroethene	0.6	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T11	5/23/2006	cis-1,3-Dichloropropene	0.55	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T11	5/23/2006	Cobalt	0.95	MG/KG	B	J		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T11	5/23/2006	Copper	0.92	MG/KG	B	J		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T11	5/23/2006	Cyanide	290	UG/KG		UJ		N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T11	5/23/2006	Diallate	25	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T11	5/23/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T11	5/23/2006	Dibenzofuran	13	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T11	5/23/2006	Dichlorodifluoromethane	4.4	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T11	5/23/2006	Diethyl Phthalate	9	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T11	5/23/2006	Diethylene Glycol	25000	UG/KG	J	J		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T11	5/23/2006	Dimethoate	42	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T11	5/23/2006	Dimethyl Phthalate	27	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T11	5/23/2006	Dimethyl Terephthalate	28	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T11	5/23/2006	Di-N-Butyl Phthalate	10	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T11	5/23/2006	Diphenyl Amine	43	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T11	5/23/2006	Diphenyl Ether	24	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T11	5/23/2006	Ethyl Chloride	0.66	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T11	5/23/2006	Ethyl Methacrylate	0.76	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T11	5/23/2006	Ethyl Methanesulfonate	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T11	5/23/2006	Ethylbenzene	0.8	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T11	5/23/2006	Ethylene Glycol	2500	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T11	5/23/2006	Fluoranthene	11	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T11	5/23/2006	Fluorene	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T11	5/23/2006	Hexachlorobenzene	12	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T11	5/23/2006	Hexachlorobutadiene	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T11	5/23/2006	Hexachlorocyclopentadiene	320	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T11	5/23/2006	Hexachloroethane	16	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T11	5/23/2006	Hexachloropropylene	12	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T11	5/23/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T11	5/23/2006	Iodomethane	0.58	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T11	5/23/2006	Isobutyl Alcohol	28	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T11	5/23/2006	Isodrin	18	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T11	5/23/2006	Isophorone	16	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T11	5/23/2006	Isosafrole	9.8	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T11	5/23/2006	Lead	55.2	MG/KG		J		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T11	5/23/2006	Mercury	0.043	MG/KG	B	J		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T11	5/23/2006	Methacrylonitrile	5.9	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T11	5/23/2006	Methanol	1700	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T11	5/23/2006	Methapyrilene	95	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T11	5/23/2006	Methyl Bromide	0.62	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T11	5/23/2006	Methyl Chloride	0.59	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T11	5/23/2006	Methyl Ethyl Ketone	1.7	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T11	5/23/2006	Methyl Isobutyl Ketone	1.6	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T11	5/23/2006	Methyl Methacrylate	0.76	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T11	5/23/2006	Methyl Methanesulfonate	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T11	5/23/2006	Methylene Bromide	0.84	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T11	5/23/2006	Methylene Chloride	0.85	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T11	5/23/2006	Naphthalene	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T11	5/23/2006	N-Dioctyl Phthalate	19	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T11	5/23/2006	Nickel	3.4	MG/KG	B	J		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T11	5/23/2006	Nitrobenzene	20	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T11	5/23/2006	N-Nitroso(Methyl)Ethylamine	29	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T11	5/23/2006	N-Nitrosodiethylamine	16	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T11	5/23/2006	N-Nitrosodimethylamine	12	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T11	5/23/2006	N-Nitroso-Di-N-Butylamine	20	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T11	5/23/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T11	5/23/2006	N-Nitrosodiphenylamine	43	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T11	5/23/2006	N-Nitrosomorpholine	26	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T11	5/23/2006	N-Nitrosopiperidine	13	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T11	5/23/2006	N-Nitrosopyrrolidine	12	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T11	5/23/2006	O,O,O-Triethylphosphorothioate	31	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T11	5/23/2006	O-Toluidine	11	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T11	5/23/2006	para-Phenylenediamine	440	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T11	5/23/2006	Pentachlorobenzene	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T11	5/23/2006	Pentachloroethane	2.2	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T11	5/23/2006	Pentachloronitrobenzene	21	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T11	5/23/2006	Pentachlorophenol	300	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T11	5/23/2006	Phenacetin	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T11	5/23/2006	Phenanthrene	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T11	5/23/2006	Phenol	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T11	5/23/2006	Pronamide	17	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T11	5/23/2006	Propionitrile	6.6	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T11	5/23/2006	Propylene Glycol	3100	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T11	5/23/2006	Pyrene	14	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T11	5/23/2006	Pyridine	46	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T11	5/23/2006	Safrole	15	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T11	5/23/2006	Selenium	0.38	MG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T11	5/23/2006	Silver	0.19	MG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T11	5/23/2006	Styrene	0.5	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T11	5/23/2006	Sulfide	94.3	MG/KG		UJ		N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T11	5/23/2006	Terephthalic Acid	6	MG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T11	5/23/2006	Tetrachloroethene	3.1	UG/KG	J	J		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T11	5/23/2006	Tetraethyl Dithiopyrophosphate	27	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T11	5/23/2006	Thallium	0.32	MG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T11	5/23/2006	Thionazin	32	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T11	5/23/2006	Tin	1.3	MG/KG	B J	B		Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T11	5/23/2006	Toluene	0.76	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T11	5/23/2006	trans-1,2-Dichloroethene	0.65	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T11	5/23/2006	trans-1,3-Dichloropropene	0.6	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T11	5/23/2006	trans-1,4-Dichlorobutene-2	2.3	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T11	5/23/2006	Trichloroethene	0.89	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T11	5/23/2006	Trichlorofluoromethane	0.98	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T11	5/23/2006	Triethylene Glycol	3400	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T11	5/23/2006	Vanadium	25.7	MG/KG				Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T11	5/23/2006	Vinyl Acetate	1	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T11	5/23/2006	Vinyl Chloride	0.72	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T11	5/23/2006	Xylenes	2	UG/KG				N	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T11	5/23/2006	Zinc	6.2	MG/KG	J			Y	6.8-6.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T12	5/25/2006	1,1,1,2-Tetrachloroethane	0.6	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T12	5/25/2006	1,1,1-Trichloroethane	0.85	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T12	5/25/2006	1,1,2,2-Tetrachloroethane	3.5	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T12	5/25/2006	1,1,2-Trichloroethane	0.58	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T12	5/25/2006	1,1-Dichloroethane	0.69	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T12	5/25/2006	1,1-Dichloroethene	0.95	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T12	5/25/2006	1,2,3-Trichloropropane	2.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T12	5/25/2006	1,2,4,5-Tetrachlorobenzene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T12	5/25/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T12	5/25/2006	1,2-Dibromo-3-Chloropropane	4.7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T12	5/25/2006	1,2-Dibromoethane (EDB)	0.84	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T12	5/25/2006	1,2-Dichlorobenzene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T12	5/25/2006	1,2-Dichloroethane	0.85	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T12	5/25/2006	1,2-Dichloropropane	0.75	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T12	5/25/2006	1,2-Diphenylhydrazine	7.8	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T12	5/25/2006	1,3,5-Trinitrobenzene	290	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T12	5/25/2006	1,3-Dichlorobenzene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T12	5/25/2006	1,3-Dinitrobenzene	8.6	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T12	5/25/2006	1,4-Dichlorobenzene	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T12	5/25/2006	1,4-Dioxane	60	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T12	5/25/2006	1,4-Naphthoquinone	270	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T12	5/25/2006	1-Naphthylamine	40	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T12	5/25/2006	2,3,4,6-Tetrachlorophenol	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T12	5/25/2006	2,4,5-Trichlorophenol	35	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T12	5/25/2006	2,4,6-Trichlorophenol	44	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T12	5/25/2006	2,4-Dichlorophenol	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T12	5/25/2006	2,4-Dimethylphenol	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T12	5/25/2006	2,4-Dinitrophenol	280	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T12	5/25/2006	2,4-Dinitrotoluene	39	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T12	5/25/2006	2,6-Dichlorophenol	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T12	5/25/2006	2,6-Dinitrotoluene	64	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T12	5/25/2006	2-Acetylaminofluorene	21	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T12	5/25/2006	2-Chloronaphthalene	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T12	5/25/2006	2-Chlorophenol	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T12	5/25/2006	2-Hexanone	3.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T12	5/25/2006	2-Methylnaphthalene	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T12	5/25/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T12	5/25/2006	2-Naphthylamine	49	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T12	5/25/2006	2-Nitroaniline	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T12	5/25/2006	2-Nitrophenol	62	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T12	5/25/2006	2-Picoline	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T12	5/25/2006	3,3'-Dichlorobenzidine	39	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T12	5/25/2006	3,3'-Dimethylbenzidine	120	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T12	5/25/2006	3-Methylcholanthrene	10	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T12	5/25/2006	3-Nitroaniline	41	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T12	5/25/2006	4,6-Dinitro-2-Methylphenol	330	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T12	5/25/2006	4-Aminobiphenyl	110	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T12	5/25/2006	4-Bromophenyl Phenyl Ether	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T12	5/25/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T12	5/25/2006	4-Chloroaniline	13	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T12	5/25/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T12	5/25/2006	4-Dimethylaminoazobenzene	6.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T12	5/25/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T12	5/25/2006	4-Nitroaniline	47	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T12	5/25/2006	4-Nitrophenol	330	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T12	5/25/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T12	5/25/2006	5-Nitro-Ortho-Toluidine	32	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T12	5/25/2006	7,12-Dimethylbenz[A]Anthracene	25	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T12	5/25/2006	Acenaphthene	12	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T12	5/25/2006	Acenaphthylene	8.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T12	5/25/2006	Acetone	1.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T12	5/25/2006	Acetonitrile	8.5	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T12	5/25/2006	Acetophenone	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T12	5/25/2006	Acrolein	5.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T12	5/25/2006	Acrylonitrile	7.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T12	5/25/2006	Allyl Chloride	0.85	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T12	5/25/2006	Alpha,Alpha-Dimethylphenethylamine	410	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T12	5/25/2006	Aniline	27	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T12	5/25/2006	Anthracene	12	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T12	5/25/2006	Antimony	0.33	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T12	5/25/2006	Aramite	7.8	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T12	5/25/2006	Barium	24	MG/KG		J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T12	5/25/2006	Benzene	0.74	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T12	5/25/2006	Benzo(A)Anthracene	38	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T12	5/25/2006	Benzo(B)Fluoranthene	32	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T12	5/25/2006	Benzo(G,H,I)Perylene	120	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T12	5/25/2006	Benzo(K)Fluoranthene	38	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T12	5/25/2006	Benzo[A]Pyrene	40	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T12	5/25/2006	Benzyl Alcohol	29	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T12	5/25/2006	Beryllium	0.15	MG/KG	B	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T12	5/25/2006	Biphenyl	27	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T12	5/25/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T12	5/25/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T12	5/25/2006	Bis(2-Chloroethyl)Ether	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T12	5/25/2006	Bis(2-Ethylhexyl)Phthalate	34	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T12	5/25/2006	Bromodichloromethane	0.68	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T12	5/25/2006	Bromoform	1.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T12	5/25/2006	Butyl Benzyl Phthalate	32	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T12	5/25/2006	Cadmium	0.035	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T12	5/25/2006	Carbon Disulfide	0.91	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T12	5/25/2006	Carbon Tetrachloride	1.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T12	5/25/2006	Chlorobenzene	0.64	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T12	5/25/2006	Chlorobenzilate	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T12	5/25/2006	Chlorodibromomethane	0.72	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T12	5/25/2006	Chloroform	0.81	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T12	5/25/2006	Chloroprene	1.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T12	5/25/2006	Arsenic	2.9	MG/KG	J		Y	Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T12	5/25/2006	Chromium	28.8	MG/KG		J		Y	4.5-5 Feet	FS	Soil	Site Background	42.7
T12	5/25/2006	Chrysene	56	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T12	5/25/2006	cis-1,2 Dichloroethene	0.7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T12	5/25/2006	cis-1,3-Dichloropropene	0.64	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T12	5/25/2006	Cobalt	0.85	MG/KG	B	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T12	5/25/2006	Copper	11.6	MG/KG				Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T12	5/25/2006	Cyanide	300	UG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T12	5/25/2006	Diallate	26	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T12	5/25/2006	Dibenz(A,H)Anthracene	20	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T12	5/25/2006	Dibenzofuran	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T12	5/25/2006	Dichlorodifluoromethane	5.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T12	5/25/2006	Diethyl Phthalate	9.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T12	5/25/2006	Diethylene Glycol	2700	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T12	5/25/2006	Dimethoate	43	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T12	5/25/2006	Dimethyl Phthalate	28	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T12	5/25/2006	Dimethyl Terephthalate	29	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T12	5/25/2006	Di-N-Butyl Phthalate	10	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T12	5/25/2006	Diphenyl Amine	45	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T12	5/25/2006	Diphenyl Ether	24	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T12	5/25/2006	Ethyl Chloride	0.77	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T12	5/25/2006	Ethyl Methacrylate	0.89	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T12	5/25/2006	Ethyl Methanesulfonate	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T12	5/25/2006	Ethylbenzene	0.94	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T12	5/25/2006	Ethylene Glycol	2600	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T12	5/25/2006	Fluoranthene	66	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T12	5/25/2006	Fluorene	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T12	5/25/2006	Hexachlorobenzene	12	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T12	5/25/2006	Hexachlorobutadiene	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T12	5/25/2006	Hexachlorocyclopentadiene	340	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T12	5/25/2006	Hexachloroethane	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T12	5/25/2006	Hexachloropropylene	13	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T12	5/25/2006	Indeno (1,2,3-CD) Pyrene	61	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T12	5/25/2006	Iodomethane	0.68	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T12	5/25/2006	Isobutyl Alcohol	32	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T12	5/25/2006	Isodrin	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T12	5/25/2006	Isophorone	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T12	5/25/2006	Isosafrole	10	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T12	5/25/2006	Lead	31.6	MG/KG				Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T12	5/25/2006	Mercury	0.13	MG/KG				Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T12	5/25/2006	Methacrylonitrile	6.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T12	5/25/2006	Methanol	1800	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T12	5/25/2006	Methapyrilene	99	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T12	5/25/2006	Methyl Bromide	0.73	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T12	5/25/2006	Methyl Chloride	0.69	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T12	5/25/2006	Methyl Ethyl Ketone	2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T12	5/25/2006	Methyl Isobutyl Ketone	1.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T12	5/25/2006	Methyl Methacrylate	0.89	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T12	5/25/2006	Methyl Methanesulfonate	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T12	5/25/2006	Methylene Bromide	0.98	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T12	5/25/2006	Methylene Chloride	1	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T12	5/25/2006	Naphthalene	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T12	5/25/2006	N-Dioctyl Phthalate	20	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T12	5/25/2006	Nickel	6.8	MG/KG				Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T12	5/25/2006	Nitrobenzene	21	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T12	5/25/2006	N-Nitroso(Methyl)Ethylamine	31	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T12	5/25/2006	N-Nitrosodiethylamine	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T12	5/25/2006	N-Nitrosodimethylamine	12	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T12	5/25/2006	N-Nitroso-Di-N-Butylamine	21	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T12	5/25/2006	N-Nitrosodi-N-Propylamine	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T12	5/25/2006	N-Nitrosodiphenylamine	45	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T12	5/25/2006	N-Nitrosomorpholine	27	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T12	5/25/2006	N-Nitrosopiperidine	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T12	5/25/2006	N-Nitrosopyrrolidine	12	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T12	5/25/2006	O,O,O-Triethylphosphorothioate	32	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T12	5/25/2006	O-Toluidine	11	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T12	5/25/2006	para-Phenylenediamine	460	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T12	5/25/2006	Pentachlorobenzene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T12	5/25/2006	Pentachloroethane	2.5	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T12	5/25/2006	Pentachloronitrobenzene	22	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T12	5/25/2006	Pentachlorophenol	310	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T12	5/25/2006	Phenacetin	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T12	5/25/2006	Phenanthrene	46	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T12	5/25/2006	Phenol	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T12	5/25/2006	Pronamide	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T12	5/25/2006	Propionitrile	7.7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T12	5/25/2006	Propylene Glycol	3300	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T12	5/25/2006	Pyrene	51	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T12	5/25/2006	Pyridine	48	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T12	5/25/2006	Safrole	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T12	5/25/2006	Selenium	0.4	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T12	5/25/2006	Silver	0.26	MG/KG	B	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T12	5/25/2006	Styrene	0.59	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T12	5/25/2006	Sulfide	98	MG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T12	5/25/2006	Terephthalic Acid	6.2	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T12	5/25/2006	Tetrachloroethene	1.7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T12	5/25/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T12	5/25/2006	Thallium	0.34	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T12	5/25/2006	Thionazin	33	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T12	5/25/2006	Tin	1.5	MG/KG	B	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T12	5/25/2006	Toluene	0.89	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T12	5/25/2006	trans-1,2-Dichloroethene	0.76	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T12	5/25/2006	trans-1,3-Dichloropropene	0.7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T12	5/25/2006	trans-1,4-Dichlorobutene-2	2.7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T12	5/25/2006	Trichloroethene	1	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T12	5/25/2006	Trichlorofluoromethane	1.1	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T12	5/25/2006	Triethylene Glycol	3500	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T12	5/25/2006	Vanadium	28.7	MG/KG		J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T12	5/25/2006	Vinyl Acetate	1.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T12	5/25/2006	Vinyl Chloride	0.85	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T12	5/25/2006	Xylenes	2.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T12	5/25/2006	Zinc	56.6	MG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T13	5/24/2006	1,1,1,2-Tetrachloroethane	0.67	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T13	5/24/2006	1,1,1-Trichloroethane	0.95	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T13	5/24/2006	1,1,2,2-Tetrachloroethane	3.9	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T13	5/24/2006	1,1,2-Trichloroethane	0.65	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T13	5/24/2006	1,1-Dichloroethane	0.77	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T13	5/24/2006	1,1-Dichloroethene	1.1	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T13	5/24/2006	1,2,3-Trichloropropane	2.6	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T13	5/24/2006	1,2,4,5-Tetrachlorobenzene	17	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T13	5/24/2006	1,2,4-Trichlorobenzene	19	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T13	5/24/2006	1,2-Dibromo-3-Chloropropane	5.3	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T13	5/24/2006	1,2-Dibromoethane (EDB)	0.93	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T13	5/24/2006	1,2-Dichlorobenzene	17	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T13	5/24/2006	1,2-Dichloroethane	0.95	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T13	5/24/2006	1,2-Dichloropropane	0.84	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T13	5/24/2006	1,2-Diphenylhydrazine	8.5	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T13	5/24/2006	1,3,5-Trinitrobenzene	320	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T13	5/24/2006	1,3-Dichlorobenzene	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T13	5/24/2006	1,3-Dinitrobenzene	9.4	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T13	5/24/2006	1,4-Dichlorobenzene	19	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T13	5/24/2006	1,4-Dioxane	65	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T13	5/24/2006	1,4-Naphthoquinone	290	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T13	5/24/2006	1-Naphthylamine	44	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T13	5/24/2006	2,3,4,6-Tetrachlorophenol	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T13	5/24/2006	2,4,5-Trichlorophenol	38	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T13	5/24/2006	2,4,6-Trichlorophenol	48	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T13	5/24/2006	2,4-Dichlorophenol	19	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T13	5/24/2006	2,4-Dimethylphenol	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T13	5/24/2006	2,4-Dinitrophenol	300	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T13	5/24/2006	2,4-Dinitrotoluene	42	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T13	5/24/2006	2,6-Dichlorophenol	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T13	5/24/2006	2,6-Dinitrotoluene	70	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T13	5/24/2006	2-Acetylaminofluorene	23	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T13	5/24/2006	2-Chloronaphthalene	15	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T13	5/24/2006	2-Chlorophenol	15	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T13	5/24/2006	2-Hexanone	3.7	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T13	5/24/2006	2-Methylnaphthalene	17	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T13	5/24/2006	2-Methylphenol (O-Cresol)	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T13	5/24/2006	2-Naphthylamine	53	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T13	5/24/2006	2-Nitroaniline	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T13	5/24/2006	2-Nitrophenol	68	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T13	5/24/2006	2-Picoline	15	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T13	5/24/2006	3,3'-Dichlorobenzidine	42	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T13	5/24/2006	3,3'-Dimethylbenzidine	130	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T13	5/24/2006	3-Methylcholanthrene	11	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T13	5/24/2006	3-Nitroaniline	44	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T13	5/24/2006	4,6-Dinitro-2-Methylphenol	350	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T13	5/24/2006	4-Aminobiphenyl	120	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T13	5/24/2006	4-Bromophenyl Phenyl Ether	15	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T13	5/24/2006	4-Chloro-3-Methylphenol	20	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T13	5/24/2006	4-Chloroaniline	14	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T13	5/24/2006	4-Chlorophenyl Phenyl Ether	17	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T13	5/24/2006	4-Dimethylaminoazobenzene	7.6	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T13	5/24/2006	4-Methylphenol (P-Cresol)	130	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T13	5/24/2006	4-Nitroaniline	51	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T13	5/24/2006	4-Nitrophenol	360	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T13	5/24/2006	4-Nitroquinoline-N-Oxide	250	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T13	5/24/2006	5-Nitro-Ortho-Toluidine	34	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T13	5/24/2006	7,12-Dimethylbenz[A]Anthracene	27	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T13	5/24/2006	Acenaphthene	13	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T13	5/24/2006	Acenaphthylene	8.9	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T13	5/24/2006	Acetone	2.1	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T13	5/24/2006	Acetonitrile	9.5	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T13	5/24/2006	Acetophenone	19	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T13	5/24/2006	Acrolein	6.6	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T13	5/24/2006	Acrylonitrile	8.1	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T13	5/24/2006	Allyl Chloride	0.95	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T13	5/24/2006	Alpha,Alpha-Dimethylphenethylamine	450	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T13	5/24/2006	Aniline	29	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T13	5/24/2006	Anthracene	8.6	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T13	5/24/2006	Antimony	20.3	MG/KG				Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T13	5/24/2006	Aramite	8.5	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T13	5/24/2006	Barium	208	MG/KG				Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T13	5/24/2006	Benzene	3.1	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T13	5/24/2006	Benzo(A)Anthracene	12	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T13	5/24/2006	Benzo(B)Fluoranthene	17	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T13	5/24/2006	Benzo(G,H,I)Perylene	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T13	5/24/2006	Benzo(K)Fluoranthene	23	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T13	5/24/2006	Benzo[A]Pyrene	18	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T13	5/24/2006	Benzyl Alcohol	32	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T13	5/24/2006	Beryllium	0.62	MG/KG				Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T13	5/24/2006	Biphenyl	110	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T13	5/24/2006	Bis(2-Chloro-1-Methylethyl) Ether	22	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T13	5/24/2006	Bis(2-Chloroethoxy)Methane	15	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T13	5/24/2006	Bis(2-Chloroethyl)Ether	19	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T13	5/24/2006	Bis(2-Ethylhexyl)Phthalate	47	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T13	5/24/2006	Bromodichloromethane	0.76	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T13	5/24/2006	Bromoform	1.4	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T13	5/24/2006	Butyl Benzyl Phthalate	35	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T13	5/24/2006	Cadmium	0.036	MG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T13	5/24/2006	Carbon Disulfide	1	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T13	5/24/2006	Carbon Tetrachloride	1.4	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T13	5/24/2006	Chlorobenzene	0.72	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T13	5/24/2006	Chlorobenzilate	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T13	5/24/2006	Chlorodibromomethane	0.8	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T13	5/24/2006	Chloroform	0.9	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T13	5/24/2006	Chloroprene	1.5	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T13	5/24/2006	Arsenic	10	MG/KG			Y	Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T13	5/24/2006	Chromium	31.1	MG/KG				Y	6-6.5 Feet	FS	Soil	Site Background	42.7
T13	5/24/2006	Chrysene	28	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T13	5/24/2006	cis-1,2 Dichloroethene	0.78	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T13	5/24/2006	cis-1,3-Dichloropropene	0.71	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T13	5/24/2006	Cobalt	5.2	MG/KG	B	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T13	5/24/2006	Copper	2130	MG/KG				Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T13	5/24/2006	Cyanide	330	UG/KG		UJ		N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T13	5/24/2006	Diallate	29	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T13	5/24/2006	Dibenz(A,H)Anthracene	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T13	5/24/2006	Dibenzofuran	15	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T13	5/24/2006	Dichlorodifluoromethane	5.8	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T13	5/24/2006	Diethyl Phthalate	10	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T13	5/24/2006	Diethylene Glycol	2900	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T13	5/24/2006	Dimethoate	47	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T13	5/24/2006	Dimethyl Phthalate	30	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T13	5/24/2006	Dimethyl Terephthalate	31	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T13	5/24/2006	Di-N-Butyl Phthalate	11	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T13	5/24/2006	Diphenyl Amine	49	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T13	5/24/2006	Diphenyl Ether	590	UG/KG				Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T13	5/24/2006	Ethyl Chloride	0.86	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T13	5/24/2006	Ethyl Methacrylate	0.99	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T13	5/24/2006	Ethyl Methanesulfonate	17	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T13	5/24/2006	Ethylbenzene	1	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T13	5/24/2006	Ethylene Glycol	2800	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T13	5/24/2006	Fluoranthene	25	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T13	5/24/2006	Fluorene	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T13	5/24/2006	Hexachlorobenzene	13	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T13	5/24/2006	Hexachlorobutadiene	20	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T13	5/24/2006	Hexachlorocyclopentadiene	370	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T13	5/24/2006	Hexachloroethane	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T13	5/24/2006	Hexachloropropylene	14	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T13	5/24/2006	Indeno (1,2,3-CD) Pyrene	17	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T13	5/24/2006	Iodomethane	0.76	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T13	5/24/2006	Isobutyl Alcohol	36	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T13	5/24/2006	Isodrin	20	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T13	5/24/2006	Isophorone	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T13	5/24/2006	Isosafrole	11	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T13	5/24/2006	Lead	63.7	MG/KG		J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T13	5/24/2006	Mercury	0.12	MG/KG	J			Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T13	5/24/2006	Methacrylonitrile	7.7	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T13	5/24/2006	Methanol	1900	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T13	5/24/2006	Methapyrilene	110	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T13	5/24/2006	Methyl Bromide	0.81	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T13	5/24/2006	Methyl Chloride	0.77	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T13	5/24/2006	Methyl Ethyl Ketone	2.3	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T13	5/24/2006	Methyl Isobutyl Ketone	2.1	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T13	5/24/2006	Methyl Methacrylate	0.99	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T13	5/24/2006	Methyl Methanesulfonate	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T13	5/24/2006	Methylene Bromide	1.1	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T13	5/24/2006	Methylene Chloride	1.1	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T13	5/24/2006	Naphthalene	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T13	5/24/2006	N-Dioctyl Phthalate	22	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T13	5/24/2006	Nickel	40.9	MG/KG				Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T13	5/24/2006	Nitrobenzene	23	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T13	5/24/2006	N-Nitroso(Methyl)Ethylamine	33	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T13	5/24/2006	N-Nitrosodiethylamine	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T13	5/24/2006	N-Nitrosodimethylamine	13	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T13	5/24/2006	N-Nitroso-Di-N-Butylamine	22	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T13	5/24/2006	N-Nitrosodi-N-Propylamine	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T13	5/24/2006	N-Nitrosodiphenylamine	49	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T13	5/24/2006	N-Nitrosomorpholine	30	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T13	5/24/2006	N-Nitrosopiperidine	15	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T13	5/24/2006	N-Nitrosopyrrolidine	14	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T13	5/24/2006	O,O,O-Triethylphosphorothioate	35	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T13	5/24/2006	O-Toluidine	13	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T13	5/24/2006	para-Phenylenediamine	500	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T13	5/24/2006	Pentachlorobenzene	17	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T13	5/24/2006	Pentachloroethane	2.8	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T13	5/24/2006	Pentachloronitrobenzene	24	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T13	5/24/2006	Pentachlorophenol	340	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T13	5/24/2006	Phenacetin	20	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T13	5/24/2006	Phenanthrene	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T13	5/24/2006	Phenol	16	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T13	5/24/2006	Pronamide	20	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T13	5/24/2006	Propionitrile	8.6	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T13	5/24/2006	Propylene Glycol	3600	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T13	5/24/2006	Pyrene	23	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T13	5/24/2006	Pyridine	52	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T13	5/24/2006	Safrole	18	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T13	5/24/2006	Selenium	5.2	MG/KG				Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T13	5/24/2006	Silver	0.21	MG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T13	5/24/2006	Styrene	0.65	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T13	5/24/2006	Sulfide	107	MG/KG		UJ		N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T13	5/24/2006	Terephthalic Acid	6.8	MG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T13	5/24/2006	Tetrachloroethene	3.7	UG/KG	J	J		Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T13	5/24/2006	Tetraethyl Dithiopyrophosphate	31	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T13	5/24/2006	Thallium	0.35	MG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T13	5/24/2006	Thionazin	36	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T13	5/24/2006	Tin	21.7	MG/KG	J			Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T13	5/24/2006	Toluene	0.99	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T13	5/24/2006	trans-1,2-Dichloroethene	0.85	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T13	5/24/2006	trans-1,3-Dichloropropene	0.79	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T13	5/24/2006	trans-1,4-Dichlorobutene-2	3	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T13	5/24/2006	Trichloroethene	1.2	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T13	5/24/2006	Trichlorofluoromethane	1.3	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T13	5/24/2006	Triethylene Glycol	3800	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T13	5/24/2006	Vanadium	21.5	MG/KG				Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T13	5/24/2006	Vinyl Acetate	1.3	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T13	5/24/2006	Vinyl Chloride	0.95	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T13	5/24/2006	Xylenes	2.6	UG/KG				N	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T13	5/24/2006	Zinc	198	MG/KG	J			Y	6-6.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T14	5/25/2006	1,1,1,2-Tetrachloroethane	0.56	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T14	5/25/2006	1,1,1-Trichloroethane	0.79	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T14	5/25/2006	1,1,2,2-Tetrachloroethane	3.3	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T14	5/25/2006	1,1,2-Trichloroethane	0.54	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T14	5/25/2006	1,1-Dichloroethane	0.64	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T14	5/25/2006	1,1-Dichloroethene	0.89	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T14	5/25/2006	1,2,3-Trichloropropane	2.2	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T14	5/25/2006	1,2,4,5-Tetrachlorobenzene	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T14	5/25/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T14	5/25/2006	1,2-Dibromo-3-Chloropropane	4.4	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T14	5/25/2006	1,2-Dibromoethane (EDB)	0.78	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T14	5/25/2006	1,2-Dichlorobenzene	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T14	5/25/2006	1,2-Dichloroethane	0.79	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T14	5/25/2006	1,2-Dichloropropane	0.7	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T14	5/25/2006	1,2-Diphenylhydrazine	7.6	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T14	5/25/2006	1,3,5-Trinitrobenzene	280	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T14	5/25/2006	1,3-Dichlorobenzene	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T14	5/25/2006	1,3-Dinitrobenzene	8.4	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T14	5/25/2006	1,4-Dichlorobenzene	17	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T14	5/25/2006	1,4-Dioxane	59	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T14	5/25/2006	1,4-Naphthoquinone	260	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T14	5/25/2006	1-Naphthylamine	39	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T14	5/25/2006	2,3,4,6-Tetrachlorophenol	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T14	5/25/2006	2,4,5-Trichlorophenol	34	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T14	5/25/2006	2,4,6-Trichlorophenol	43	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T14	5/25/2006	2,4-Dichlorophenol	17	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T14	5/25/2006	2,4-Dimethylphenol	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T14	5/25/2006	2,4-Dinitrophenol	270	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T14	5/25/2006	2,4-Dinitrotoluene	38	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T14	5/25/2006	2,6-Dichlorophenol	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T14	5/25/2006	2,6-Dinitrotoluene	63	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T14	5/25/2006	2-Acetylaminofluorene	20	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T14	5/25/2006	2-Chloronaphthalene	13	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T14	5/25/2006	2-Chlorophenol	13	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T14	5/25/2006	2-Hexanone	3.1	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T14	5/25/2006	2-Methylnaphthalene	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T14	5/25/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T14	5/25/2006	2-Naphthylamine	47	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T14	5/25/2006	2-Nitroaniline	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06

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Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T14	5/25/2006	2-Nitrophenol	60	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T14	5/25/2006	2-Picoline	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T14	5/25/2006	3,3'-Dichlorobenzidine	38	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T14	5/25/2006	3,3'-Dimethylbenzidine	110	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T14	5/25/2006	3-Methylcholanthrene	9.9	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T14	5/25/2006	3-Nitroaniline	40	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T14	5/25/2006	4,6-Dinitro-2-Methylphenol	320	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T14	5/25/2006	4-Aminobiphenyl	110	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T14	5/25/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T14	5/25/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T14	5/25/2006	4-Chloroaniline	12	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T14	5/25/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T14	5/25/2006	4-Dimethylaminoazobenzene	6.8	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T14	5/25/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T14	5/25/2006	4-Nitroaniline	46	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T14	5/25/2006	4-Nitrophenol	320	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T14	5/25/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T14	5/25/2006	5-Nitro-Ortho-Toluidine	31	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T14	5/25/2006	7,12-Dimethylbenz[A]Anthracene	24	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T14	5/25/2006	Acenaphthene	12	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T14	5/25/2006	Acenaphthylene	8	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T14	5/25/2006	Acetone	1.8	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T14	5/25/2006	Acetonitrile	8	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T14	5/25/2006	Acetophenone	17	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T14	5/25/2006	Acrolein	5.5	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T14	5/25/2006	Acrylonitrile	6.8	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T14	5/25/2006	Allyl Chloride	0.8	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T14	5/25/2006	Alpha,Alpha-Dimethylphenethylamine	400	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T14	5/25/2006	Aniline	26	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T14	5/25/2006	Anthracene	7.7	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T14	5/25/2006	Antimony	0.36	MG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T14	5/25/2006	Aramite	7.6	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T14	5/25/2006	Barium	16.9	MG/KG	B	J		Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T14	5/25/2006	Benzene	0.69	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T14	5/25/2006	Benzo(A)Anthracene	11	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T14	5/25/2006	Benzo(B)Fluoranthene	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T14	5/25/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T14	5/25/2006	Benzo(K)Fluoranthene	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T14	5/25/2006	Benzo[A]Pyrene	7.6	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T14	5/25/2006	Benzyl Alcohol	28	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T14	5/25/2006	Beryllium	0.0085	MG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T14	5/25/2006	Biphenyl	26	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T14	5/25/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T14	5/25/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T14	5/25/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T14	5/25/2006	Bis(2-Ethylhexyl)Phthalate	34	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T14	5/25/2006	Bromodichloromethane	0.64	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T14	5/25/2006	Bromoform	1.2	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T14	5/25/2006	Butyl Benzyl Phthalate	31	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T14	5/25/2006	Cadmium	0.039	MG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T14	5/25/2006	Carbon Disulfide	0.85	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T14	5/25/2006	Carbon Tetrachloride	1.2	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T14	5/25/2006	Chlorobenzene	0.6	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T14	5/25/2006	Chlorobenzilate	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T14	5/25/2006	Chlorodibromomethane	0.67	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T14	5/25/2006	Chloroform	0.75	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T14	5/25/2006	Chloroprene	1.2	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T14	5/25/2006	Arsenic	3.7	MG/KG	J		Y	Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T14	5/25/2006	Chromium	18.9	MG/KG		J		Y	5.5-6.1 Feet	FS	Soil	Site Background	42.7
T14	5/25/2006	Chrysene	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T14	5/25/2006	cis-1,2 Dichloroethene	0.65	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T14	5/25/2006	cis-1,3-Dichloropropene	0.6	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T14	5/25/2006	Cobalt	0.81	MG/KG	B	J		Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T14	5/25/2006	Copper	3.9	MG/KG				Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T14	5/25/2006	Cyanide	290	UG/KG		UJ		N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T14	5/25/2006	Diallate	26	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T14	5/25/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T14	5/25/2006	Dibenzofuran	13	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T14	5/25/2006	Dichlorodifluoromethane	4.8	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T14	5/25/2006	Diethyl Phthalate	9.1	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T14	5/25/2006	Diethylene Glycol	2600	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T14	5/25/2006	Dimethoate	42	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T14	5/25/2006	Dimethyl Phthalate	27	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T14	5/25/2006	Dimethyl Terephthalate	28	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T14	5/25/2006	Di-N-Butyl Phthalate	10	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T14	5/25/2006	Diphenyl Amine	44	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T14	5/25/2006	Diphenyl Ether	24	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T14	5/25/2006	Ethyl Chloride	0.72	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T14	5/25/2006	Ethyl Methacrylate	0.83	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T14	5/25/2006	Ethyl Methanesulfonate	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T14	5/25/2006	Ethylbenzene	0.88	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T14	5/25/2006	Ethylene Glycol	2500	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T14	5/25/2006	Fluoranthene	11	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T14	5/25/2006	Fluorene	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T14	5/25/2006	Hexachlorobenzene	12	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T14	5/25/2006	Hexachlorobutadiene	18	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T14	5/25/2006	Hexachlorocyclopentadiene	330	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T14	5/25/2006	Hexachloroethane	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T14	5/25/2006	Hexachloropropylene	12	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T14	5/25/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T14	5/25/2006	Iodomethane	0.63	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T14	5/25/2006	Isobutyl Alcohol	30	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T14	5/25/2006	Isodrin	18	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T14	5/25/2006	Isophorone	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T14	5/25/2006	Isosafrole	10	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T14	5/25/2006	Lead	9.3	MG/KG				Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T14	5/25/2006	Mercury	0.16	MG/KG				Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T14	5/25/2006	Methacrylonitrile	6.4	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T14	5/25/2006	Methanol	1700	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T14	5/25/2006	Methapyrilene	96	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T14	5/25/2006	Methyl Bromide	0.68	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T14	5/25/2006	Methyl Chloride	0.64	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T14	5/25/2006	Methyl Ethyl Ketone	1.9	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T14	5/25/2006	Methyl Isobutyl Ketone	1.7	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T14	5/25/2006	Methyl Methacrylate	0.83	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T14	5/25/2006	Methyl Methanesulfonate	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T14	5/25/2006	Methylene Bromide	0.91	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T14	5/25/2006	Methylene Chloride	0.93	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T14	5/25/2006	Naphthalene	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T14	5/25/2006	N-Dioctyl Phthalate	20	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T14	5/25/2006	Nickel	3.3	MG/KG	B	J		Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T14	5/25/2006	Nitrobenzene	20	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T14	5/25/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T14	5/25/2006	N-Nitrosodiethylamine	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T14	5/25/2006	N-Nitrosodimethylamine	12	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T14	5/25/2006	N-Nitroso-Di-N-Butylamine	20	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T14	5/25/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T14	5/25/2006	N-Nitrosodiphenylamine	44	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T14	5/25/2006	N-Nitrosomorpholine	27	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T14	5/25/2006	N-Nitrosopiperidine	13	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T14	5/25/2006	N-Nitrosopyrrolidine	12	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T14	5/25/2006	O,O,O-Triethylphosphorothioate	31	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T14	5/25/2006	O-Toluidine	11	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T14	5/25/2006	para-Phenylenediamine	450	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T14	5/25/2006	Pentachlorobenzene	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T14	5/25/2006	Pentachloroethane	2.4	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T14	5/25/2006	Pentachloronitrobenzene	21	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T14	5/25/2006	Pentachlorophenol	300	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T14	5/25/2006	Phenacetin	18	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T14	5/25/2006	Phenanthrene	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T14	5/25/2006	Phenol	15	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T14	5/25/2006	Pronamide	17	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T14	5/25/2006	Propionitrile	7.2	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T14	5/25/2006	Propylene Glycol	3200	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T14	5/25/2006	Pyrene	14	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T14	5/25/2006	Pyridine	47	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T14	5/25/2006	Safrole	16	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T14	5/25/2006	Selenium	0.44	MG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T14	5/25/2006	Silver	0.38	MG/KG	B	J		Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T14	5/25/2006	Styrene	0.55	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T14	5/25/2006	Sulfide	95.6	MG/KG		UJ		N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T14	5/25/2006	Terephthalic Acid	6.1	MG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T14	5/25/2006	Tetrachloroethene	1.6	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T14	5/25/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T14	5/25/2006	Thallium	0.37	MG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T14	5/25/2006	Thionazin	33	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T14	5/25/2006	Tin	1.5	MG/KG	B	J		Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T14	5/25/2006	Toluene	0.83	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T14	5/25/2006	trans-1,2-Dichloroethene	0.71	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T14	5/25/2006	trans-1,3-Dichloropropene	0.66	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T14	5/25/2006	trans-1,4-Dichlorobutene-2	2.5	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T14	5/25/2006	Trichloroethene	0.97	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T14	5/25/2006	Trichlorofluoromethane	1.1	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T14	5/25/2006	Triethylene Glycol	3400	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T14	5/25/2006	Vanadium	29.1	MG/KG		J		Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T14	5/25/2006	Vinyl Acetate	1.1	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T14	5/25/2006	Vinyl Chloride	0.79	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T14	5/25/2006	Xylenes	2.2	UG/KG				N	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T14	5/25/2006	Zinc	12.7	MG/KG	J	J		Y	5.5-6.1 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T17	6/21/2010	1,1,1,2-Tetrachloroethane	0.57	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T17	6/21/2010	1,1,1-Trichloroethane	0.811	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T17	6/21/2010	1,1,2,2-Tetrachloroethane	3.35	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T17	6/21/2010	1,1,2-Trichloroethane	0.552	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T17	6/21/2010	1,1-Dichloroethane	0.655	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T17	6/21/2010	1,1-Dichloroethene	0.907	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T17	6/21/2010	1,2,3-Trichloropropane	2.22	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T17	6/21/2010	1,2,4,5-Tetrachlorobenzene	50.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T17	6/21/2010	1,2,4-Trichlorobenzene	56.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T17	6/21/2010	1,2-Dibromo-3-Chloropropane	4.52	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T17	6/21/2010	1,2-Dibromoethane (EDB)	0.796	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T17	6/21/2010	1,2-Dichlorobenzene	1.81	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T17	6/21/2010	1,2-Dichloroethane	0.809	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T17	6/21/2010	1,2-Dichloropropane	0.716	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T17	6/21/2010	1,2-Diphenylhydrazine	53	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T17	6/21/2010	1,3,5-Trinitrobenzene	263	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T17	6/21/2010	1,3-Dichlorobenzene	0.908	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T17	6/21/2010	1,3-Dinitrobenzene	52.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T17	6/21/2010	1,4-Dichlorobenzene	1.18	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T17	6/21/2010	1,4-Dioxane	31.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T17	6/21/2010	1,4-Naphthoquinone	61.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T17	6/21/2010	1-Naphthylamine	40.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T17	6/21/2010	2,3,4,6-Tetrachlorophenol	28.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T17	6/21/2010	2,4,5-Trichlorophenol	43.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T17	6/21/2010	2,4,6-Trichlorophenol	55.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T17	6/21/2010	2,4-Dichlorophenol	54.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T17	6/21/2010	2,4-Dimethylphenol	98.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T17	6/21/2010	2,4-Dinitrophenol	225	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T17	6/21/2010	2,4-Dinitrotoluene	198	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T17	6/21/2010	2,6-Dichlorophenol	44.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T17	6/21/2010	2,6-Dinitrotoluene	51.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T17	6/21/2010	2-Acetylaminofluorene	40.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T17	6/21/2010	2-Chloronaphthalene	39.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T17	6/21/2010	2-Chlorophenol	36.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T17	6/21/2010	2-Hexanone	3.13	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T17	6/21/2010	2-Methylnaphthalene	40.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T17	6/21/2010	2-Methylphenol (O-Cresol)	50.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T17	6/21/2010	2-Naphthylamine	32.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T17	6/21/2010	2-Nitroaniline	53.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T17	6/21/2010	2-Nitrophenol	79.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T17	6/21/2010	2-Picoline	49	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T17	6/21/2010	3- And 4- Methylphenol	81.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T17	6/21/2010	3,3'-Dichlorobenzidine	30	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T17	6/21/2010	3,3'-Dimethylbenzidine	323	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T17	6/21/2010	3-Methylcholanthrene	29.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T17	6/21/2010	3-Nitroaniline	40.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T17	6/21/2010	4,6-Dinitro-2-Methylphenol	178	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T17	6/21/2010	4-Aminobiphenyl	157	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T17	6/21/2010	4-Bromophenyl Phenyl Ether	38	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T17	6/21/2010	4-Chloro-3-Methylphenol	66.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T17	6/21/2010	4-Chloroaniline	47.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T17	6/21/2010	4-Chlorophenyl Phenyl Ether	32.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T17	6/21/2010	4-Dimethylaminoazobenzene	26.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T17	6/21/2010	4-Nitroaniline	126	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T17	6/21/2010	4-Nitrophenol	190	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T17	6/21/2010	4-Nitroquinoline-N-Oxide	118	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T17	6/21/2010	5-Nitro-Ortho-Toluidine	33.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T17	6/21/2010	7,12-Dimethylbenz[A]Anthracene	36.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T17	6/21/2010	Acenaphthene	43.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T17	6/21/2010	Acenaphthylene	41.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T17	6/21/2010	Acetone	22.6	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T17	6/21/2010	Acetonitrile	8.13	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T17	6/21/2010	Acetophenone	46.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T17	6/21/2010	Acrolein	5.66	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T17	6/21/2010	Acrylonitrile	6.91	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T17	6/21/2010	Allyl Chloride	0.813	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T17	6/21/2010	Alpha,Alpha-Dimethylphenethylamine	36.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T17	6/21/2010	Aniline	39.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T17	6/21/2010	Anthracene	31	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T17	6/21/2010	Antimony	0.581	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T17	6/21/2010	Aramite	57	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T17	6/21/2010	Arsenic	0.852	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T17	6/21/2010	Barium	13.9	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T17	6/21/2010	Benzene	0.705	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T17	6/21/2010	Benzo(A)Anthracene	25	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T17	6/21/2010	Benzo(B)Fluoranthene	65.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T17	6/21/2010	Benzo(G,H,I)Perylene	33.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T17	6/21/2010	Benzo(K)Fluoranthene	49.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T17	6/21/2010	Benzo[A]Pyrene	28.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T17	6/21/2010	Benzyl Alcohol	105	UG/KG		R		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T17	6/21/2010	Beryllium	0.0934	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T17	6/21/2010	Biphenyl	33.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T17	6/21/2010	Bis(2-Chloro-1-Methylethyl) Ether	34.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T17	6/21/2010	Bis(2-Chloroethoxy)Methane	40.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T17	6/21/2010	Bis(2-Chloroethyl)Ether	43.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T17	6/21/2010	Bis(2-Ethylhexyl)Phthalate	79.2	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T17	6/21/2010	Bromodichloromethane	0.652	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T17	6/21/2010	Bromoform	1.18	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T17	6/21/2010	Butyl Benzyl Phthalate	32.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T17	6/21/2010	Cadmium	0.0817	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T17	6/21/2010	Carbon Disulfide	0.868	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T17	6/21/2010	Carbon Tetrachloride	1.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T17	6/21/2010	Chlorobenzene	0.612	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T17	6/21/2010	Chlorobenzilate	36.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T17	6/21/2010	Chlorodibromomethane	0.687	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T17	6/21/2010	Chloroform	0.768	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T17	6/21/2010	Chloroprene	1.28	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T17	6/21/2010	Chromium	12.9	MG/KG				Y	4-6 Feet	FS	Soil	Site Background	42.7
T17	6/21/2010	Chrysene	28.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T17	6/21/2010	cis-1,2 Dichloroethene	0.668	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T17	6/21/2010	cis-1,3-Dichloropropene	0.61	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T17	6/21/2010	Cobalt	0.84	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T17	6/21/2010	Copper	0.653	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T17	6/21/2010	Cyanide	195	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T17	6/21/2010	Diallate	44.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T17	6/21/2010	Dibenz(A,H)Anthracene	106	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T17	6/21/2010	Dibenzofuran	45.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T17	6/21/2010	Dichlorodifluoromethane	4.96	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T17	6/21/2010	Diethyl Phthalate	27	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T17	6/21/2010	Diethylene Glycol	4500	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T17	6/21/2010	Dimethoate	37	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T17	6/21/2010	Dimethyl Phthalate	30	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T17	6/21/2010	Dimethyl Terephthalate	33.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T17	6/21/2010	Di-N-Butyl Phthalate	31.5	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T17	6/21/2010	Diphenyl Amine	28.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T17	6/21/2010	Diphenyl Ether	33.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T17	6/21/2010	Ethyl Chloride	0.733	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T17	6/21/2010	Ethyl Methacrylate	0.847	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T17	6/21/2010	Ethyl Methanesulfonate	52.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T17	6/21/2010	Ethylbenzene	0.895	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T17	6/21/2010	Ethylene Glycol	4760	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T17	6/21/2010	Fluoranthene	30.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T17	6/21/2010	Fluorene	29	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T17	6/21/2010	Hexachlorobenzene	35.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T17	6/21/2010	Hexachlorobutadiene	51	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T17	6/21/2010	Hexachlorocyclopentadiene	212	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T17	6/21/2010	Hexachloroethane	54.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T17	6/21/2010	Hexachloropropylene	100	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T17	6/21/2010	Indeno (1,2,3-CD) Pyrene	64.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T17	6/21/2010	Iodomethane	0.647	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T17	6/21/2010	Isobutyl Alcohol	30.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T17	6/21/2010	Isodrin	36.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T17	6/21/2010	Isophorone	53.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T17	6/21/2010	Isosafrole	48.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T17	6/21/2010	Lead	10.1	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T17	6/21/2010	Mercury	0.101	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T17	6/21/2010	Methacrylonitrile	6.57	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T17	6/21/2010	Methanol	1890	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T17	6/21/2010	Methapyrilene	76.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T17	6/21/2010	Methyl Bromide	0.691	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T17	6/21/2010	Methyl Chloride	0.654	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T17	6/21/2010	Methyl Ethyl Ketone	1.96	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T17	6/21/2010	Methyl Isobutyl Ketone	1.77	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T17	6/21/2010	Methyl Methacrylate	0.85	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T17	6/21/2010	Methyl Methanesulfonate	53.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T17	6/21/2010	Methylene Bromide	0.933	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T17	6/21/2010	Methylene Chloride	0.95	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T17	6/21/2010	Naphthalene	40	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T17	6/21/2010	N-Dioctyl Phthalate	152	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T17	6/21/2010	Nickel	3.16	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T17	6/21/2010	Nitrobenzene	61.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T17	6/21/2010	N-Nitroso(Methyl)Ethylamine	43.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T17	6/21/2010	N-Nitrosodiethylamine	41.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T17	6/21/2010	N-Nitrosodimethylamine	43.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T17	6/21/2010	N-Nitroso-Di-N-Butylamine	49.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T17	6/21/2010	N-Nitrosodi-N-Propylamine	30.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T17	6/21/2010	N-Nitrosodiphenylamine	28.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T17	6/21/2010	N-Nitrosomorpholine	39.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T17	6/21/2010	N-Nitrosopiperidine	47	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T17	6/21/2010	N-Nitrosopyrrolidine	32	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T17	6/21/2010	O,O,O-Triethylphosphorothioate	34.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T17	6/21/2010	O-Toluidine	55.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T17	6/21/2010	para-Phenylenediamine	162	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T17	6/21/2010	Pentachlorobenzene	42.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T17	6/21/2010	Pentachloroethane	2.42	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T17	6/21/2010	Pentachloronitrobenzene	100	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T17	6/21/2010	Pentachlorophenol	63.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T17	6/21/2010	Phenacetin	74.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T17	6/21/2010	Phenanthrene	27.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T17	6/21/2010	Phenol	41.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T17	6/21/2010	Pronamide	189	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T17	6/21/2010	Propionitrile	7.33	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T17	6/21/2010	Propylene Glycol	7730	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T17	6/21/2010	Pyrene	29.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T17	6/21/2010	Pyridine	48.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T17	6/21/2010	Safrole	42.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T17	6/21/2010	Selenium	0.282	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T17	6/21/2010	Silver	0.553	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T17	6/21/2010	Styrene	0.559	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T17	6/21/2010	Sulfide	99.5	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T17	6/21/2010	Terephthalic Acid	0.809	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T17	6/21/2010	Tetrachloroethene	1.66	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T17	6/21/2010	Tetraethyl Dithiopyrophosphate	40.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T17	6/21/2010	Thallium	0.781	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T17	6/21/2010	Thionazin	38.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T17	6/21/2010	Tin	1.22	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T17	6/21/2010	Toluene	0.847	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T17	6/21/2010	trans-1,2-Dichloroethene	0.728	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T17	6/21/2010	trans-1,3-Dichloropropene	0.671	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T17	6/21/2010	trans-1,4-Dichlorobutene-2	2.54	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T17	6/21/2010	Trichloroethene	0.995	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T17	6/21/2010	Trichlorofluoromethane	1.09	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T17	6/21/2010	Triethylene Glycol	5360	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T17	6/21/2010	Vanadium	13.4	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T17	6/21/2010	Vinyl Acetate	1.12	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T17	6/21/2010	Vinyl Chloride	0.808	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T17	6/21/2010	Xylenes	2.22	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T17	6/21/2010	Zinc	5.18	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T18	6/22/2010	1,1,1,2-Tetrachloroethane	0.607	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T18	6/22/2010	1,1,1-Trichloroethane	0.863	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T18	6/22/2010	1,1,2,2-Tetrachloroethane	3.57	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T18	6/22/2010	1,1,2-Trichloroethane	0.588	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T18	6/22/2010	1,1-Dichloroethane	0.697	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T18	6/22/2010	1,1-Dichloroethene	0.965	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T18	6/22/2010	1,2,3-Trichloropropane	2.37	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T18	6/22/2010	1,2,4,5-Tetrachlorobenzene	54.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T18	6/22/2010	1,2,4-Trichlorobenzene	60.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T18	6/22/2010	1,2-Dibromo-3-Chloropropane	4.81	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T18	6/22/2010	1,2-Dibromoethane (EDB)	0.847	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T18	6/22/2010	1,2-Dichlorobenzene	1.92	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T18	6/22/2010	1,2-Dichloroethane	0.861	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T18	6/22/2010	1,2-Dichloropropane	0.762	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T18	6/22/2010	1,2-Diphenylhydrazine	56.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T18	6/22/2010	1,3,5-Trinitrobenzene	283	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T18	6/22/2010	1,3-Dichlorobenzene	0.966	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T18	6/22/2010	1,3-Dinitrobenzene	56.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T18	6/22/2010	1,4-Dichlorobenzene	1.26	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T18	6/22/2010	1,4-Dioxane	33.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T18	6/22/2010	1,4-Naphthoquinone	66.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T18	6/22/2010	1-Naphthylamine	43.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T18	6/22/2010	2,3,4,6-Tetrachlorophenol	30.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T18	6/22/2010	2,4,5-Trichlorophenol	46.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T18	6/22/2010	2,4,6-Trichlorophenol	59.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T18	6/22/2010	2,4-Dichlorophenol	58.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T18	6/22/2010	2,4-Dimethylphenol	106	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T18	6/22/2010	2,4-Dinitrophenol	242	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T18	6/22/2010	2,4-Dinitrotoluene	212	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T18	6/22/2010	2,6-Dichlorophenol	47.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T18	6/22/2010	2,6-Dinitrotoluene	55.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T18	6/22/2010	2-Acetylaminofluorene	43	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T18	6/22/2010	2-Chloronaphthalene	42.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T18	6/22/2010	2-Chlorophenol	39.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T18	6/22/2010	2-Hexanone	3.33	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T18	6/22/2010	2-Methylnaphthalene	43.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T18	6/22/2010	2-Methylphenol (O-Cresol)	53.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T18	6/22/2010	2-Naphthylamine	34.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T18	6/22/2010	2-Nitroaniline	57.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T18	6/22/2010	2-Nitrophenol	85.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T18	6/22/2010	2-Picoline	52.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T18	6/22/2010	3- And 4- Methylphenol	87.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T18	6/22/2010	3,3'-Dichlorobenzidine	32.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T18	6/22/2010	3,3'-Dimethylbenzidine	347	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T18	6/22/2010	3-Methylcholanthrene	31.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T18	6/22/2010	3-Nitroaniline	43.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T18	6/22/2010	4,6-Dinitro-2-Methylphenol	192	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T18	6/22/2010	4-Aminobiphenyl	169	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T18	6/22/2010	4-Bromophenyl Phenyl Ether	40.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T18	6/22/2010	4-Chloro-3-Methylphenol	71.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T18	6/22/2010	4-Chloroaniline	50.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T18	6/22/2010	4-Chlorophenyl Phenyl Ether	34.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T18	6/22/2010	4-Dimethylaminoazobenzene	28.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T18	6/22/2010	4-Nitroaniline	135	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T18	6/22/2010	4-Nitrophenol	204	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T18	6/22/2010	4-Nitroquinoline-N-Oxide	126	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T18	6/22/2010	5-Nitro-Ortho-Toluidine	36.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T18	6/22/2010	7,12-Dimethylbenz[A]Anthracene	38.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T18	6/22/2010	Acenaphthene	46.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T18	6/22/2010	Acenaphthylene	44.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T18	6/22/2010	Acetone	1.95	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T18	6/22/2010	Acetonitrile	8.65	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T18	6/22/2010	Acetophenone	49.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T18	6/22/2010	Acrolein	6.02	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T18	6/22/2010	Acrylonitrile	7.35	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T18	6/22/2010	Allyl Chloride	0.865	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T18	6/22/2010	Alpha,Alpha-Dimethylphenethylamine	39.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T18	6/22/2010	Aniline	42.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T18	6/22/2010	Anthracene	33.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T18	6/22/2010	Antimony	0.576	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T18	6/22/2010	Aramite	61.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T18	6/22/2010	Arsenic	0.539	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T18	6/22/2010	Barium	17.8	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T18	6/22/2010	Benzene	0.75	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T18	6/22/2010	Benzo(A)Anthracene	26.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T18	6/22/2010	Benzo(B)Fluoranthene	70.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T18	6/22/2010	Benzo(G,H,I)Perylene	36.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T18	6/22/2010	Benzo(K)Fluoranthene	53.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T18	6/22/2010	Benzo[A]Pyrene	30.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T18	6/22/2010	Benzyl Alcohol	112	UG/KG		R		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T18	6/22/2010	Beryllium	0.196	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T18	6/22/2010	Biphenyl	35.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T18	6/22/2010	Bis(2-Chloro-1-Methylethyl) Ether	36.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T18	6/22/2010	Bis(2-Chloroethoxy)Methane	43.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T18	6/22/2010	Bis(2-Chloroethyl)Ether	46.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T18	6/22/2010	Bis(2-Ethylhexyl)Phthalate	62.2	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T18	6/22/2010	Bromodichloromethane	0.694	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T18	6/22/2010	Bromoform	1.25	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T18	6/22/2010	Butyl Benzyl Phthalate	35.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T18	6/22/2010	Cadmium	0.162	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T18	6/22/2010	Carbon Disulfide	0.923	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T18	6/22/2010	Carbon Tetrachloride	1.28	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T18	6/22/2010	Chlorobenzene	0.651	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T18	6/22/2010	Chlorobenzilate	39.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T18	6/22/2010	Chlorodibromomethane	0.731	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T18	6/22/2010	Chloroform	0.817	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T18	6/22/2010	Chloroprene	1.36	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T18	6/22/2010	Chromium	22.2	MG/KG				Y	4-6 Feet	FS	Soil	Site Background	42.7
T18	6/22/2010	Chrysene	30.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T18	6/22/2010	cis-1,2 Dichloroethene	0.711	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T18	6/22/2010	cis-1,3-Dichloropropene	0.649	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T18	6/22/2010	Cobalt	0.693	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T18	6/22/2010	Copper	1.27	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T18	6/22/2010	Cyanide	210	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T18	6/22/2010	Diallate	48.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T18	6/22/2010	Dibenz(A,H)Anthracene	113	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T18	6/22/2010	Dibenzofuran	48.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T18	6/22/2010	Dichlorodifluoromethane	5.27	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T18	6/22/2010	Diethyl Phthalate	29	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T18	6/22/2010	Diethylene Glycol	4800	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T18	6/22/2010	Dimethoate	39.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T18	6/22/2010	Dimethyl Phthalate	32.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T18	6/22/2010	Dimethyl Terephthalate	35.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T18	6/22/2010	Di-N-Butyl Phthalate	33.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T18	6/22/2010	Diphenyl Amine	30.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T18	6/22/2010	Diphenyl Ether	36.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T18	6/22/2010	Ethyl Chloride	0.78	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T18	6/22/2010	Ethyl Methacrylate	0.901	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T18	6/22/2010	Ethyl Methanesulfonate	56.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T18	6/22/2010	Ethylbenzene	0.952	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T18	6/22/2010	Ethylene Glycol	5090	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T18	6/22/2010	Fluoranthene	33	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T18	6/22/2010	Fluorene	31.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T18	6/22/2010	Hexachlorobenzene	37.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T18	6/22/2010	Hexachlorobutadiene	54.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T18	6/22/2010	Hexachlorocyclopentadiene	228	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T18	6/22/2010	Hexachloroethane	58.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T18	6/22/2010	Hexachloropropylene	108	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T18	6/22/2010	Indeno (1,2,3-CD) Pyrene	69.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T18	6/22/2010	Iodomethane	0.688	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T18	6/22/2010	Isobutyl Alcohol	32.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T18	6/22/2010	Isodrin	39.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T18	6/22/2010	Isophorone	57.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T18	6/22/2010	Isosafrole	52	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T18	6/22/2010	Lead	8.96	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T18	6/22/2010	Mercury	0.0583	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T18	6/22/2010	Methacrylonitrile	6.98	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T18	6/22/2010	Methanol	2020	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T18	6/22/2010	Methapyrilene	82.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T18	6/22/2010	Methyl Bromide	0.735	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T18	6/22/2010	Methyl Chloride	0.696	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T18	6/22/2010	Methyl Ethyl Ketone	2.05	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T18	6/22/2010	Methyl Isobutyl Ketone	1.89	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T18	6/22/2010	Methyl Methacrylate	0.904	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T18	6/22/2010	Methyl Methanesulfonate	57	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T18	6/22/2010	Methylene Bromide	0.993	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T18	6/22/2010	Methylene Chloride	1.01	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T18	6/22/2010	Naphthalene	43	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T18	6/22/2010	N-Dioctyl Phthalate	163	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T18	6/22/2010	Nickel	2.6	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T18	6/22/2010	Nitrobenzene	66.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T18	6/22/2010	N-Nitroso(Methyl)Ethylamine	47	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T18	6/22/2010	N-Nitrosodiethylamine	44.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T18	6/22/2010	N-Nitrosodimethylamine	46.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T18	6/22/2010	N-Nitroso-Di-N-Butylamine	53.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T18	6/22/2010	N-Nitrosodi-N-Propylamine	32.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T18	6/22/2010	N-Nitrosodiphenylamine	30.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T18	6/22/2010	N-Nitrosomorpholine	42.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T18	6/22/2010	N-Nitrosopiperidine	50.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T18	6/22/2010	N-Nitrosopyrrolidine	34.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T18	6/22/2010	O,O,O-Triethylphosphorothioate	37.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T18	6/22/2010	O-Toluidine	60	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T18	6/22/2010	para-Phenylenediamine	174	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T18	6/22/2010	Pentachlorobenzene	45.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T18	6/22/2010	Pentachloroethane	2.58	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T18	6/22/2010	Pentachloronitrobenzene	108	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T18	6/22/2010	Pentachlorophenol	68.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T18	6/22/2010	Phenacetin	80.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T18	6/22/2010	Phenanthrene	29.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T18	6/22/2010	Phenol	44.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T18	6/22/2010	Pronamide	203	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T18	6/22/2010	Propionitrile	7.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T18	6/22/2010	Propylene Glycol	8260	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T18	6/22/2010	Pyrene	31.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T18	6/22/2010	Pyridine	52.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T18	6/22/2010	Safrole	45.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T18	6/22/2010	Selenium	0.28	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T18	6/22/2010	Silver	0.548	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T18	6/22/2010	Styrene	0.594	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T18	6/22/2010	Sulfide	107	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T18	6/22/2010	Terephthalic Acid	0.872	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T18	6/22/2010	Tetrachloroethene	1.76	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T18	6/22/2010	Tetraethyl Dithiopyrophosphate	43.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T18	6/22/2010	Thallium	0.774	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T18	6/22/2010	Thionazin	41.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T18	6/22/2010	Tin	1.24	MG/KG	J, B	B		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T18	6/22/2010	Toluene	0.901	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T18	6/22/2010	trans-1,2-Dichloroethene	0.775	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T18	6/22/2010	trans-1,3-Dichloropropene	0.714	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T18	6/22/2010	trans-1,4-Dichlorobutene-2	2.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T18	6/22/2010	Trichloroethene	1.06	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T18	6/22/2010	Trichlorofluoromethane	1.16	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T18	6/22/2010	Triethylene Glycol	5730	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T18	6/22/2010	Vanadium	16.7	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T18	6/22/2010	Vinyl Acetate	1.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T18	6/22/2010	Vinyl Chloride	0.86	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T18	6/22/2010	Xylenes	2.36	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T18	6/22/2010	Zinc	7.27	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T19	6/22/2010	1,1,1,2-Tetrachloroethane	0.591	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T19	6/22/2010	1,1,1-Trichloroethane	0.841	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T19	6/22/2010	1,1,2,2-Tetrachloroethane	3.48	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T19	6/22/2010	1,1,2-Trichloroethane	0.573	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T19	6/22/2010	1,1-Dichloroethane	0.68	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T19	6/22/2010	1,1-Dichloroethene	0.941	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T19	6/22/2010	1,2,3-Trichloropropane	2.31	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T19	6/22/2010	1,2,4,5-Tetrachlorobenzene	51.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T19	6/22/2010	1,2,4-Trichlorobenzene	57.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T19	6/22/2010	1,2-Dibromo-3-Chloropropane	4.69	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T19	6/22/2010	1,2-Dibromoethane (EDB)	0.826	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T19	6/22/2010	1,2-Dichlorobenzene	1.87	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T19	6/22/2010	1,2-Dichloroethane	0.839	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T19	6/22/2010	1,2-Dichloropropane	0.743	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T19	6/22/2010	1,2-Diphenylhydrazine	53.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T19	6/22/2010	1,3,5-Trinitrobenzene	268	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T19	6/22/2010	1,3-Dichlorobenzene	0.942	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T19	6/22/2010	1,3-Dinitrobenzene	53.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T19	6/22/2010	1,4-Dichlorobenzene	1.23	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T19	6/22/2010	1,4-Dioxane	31.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T19	6/22/2010	1,4-Naphthoquinone	62.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T19	6/22/2010	1-Naphthylamine	40.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T19	6/22/2010	2,3,4,6-Tetrachlorophenol	29	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T19	6/22/2010	2,4,5-Trichlorophenol	43.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T19	6/22/2010	2,4,6-Trichlorophenol	56.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T19	6/22/2010	2,4-Dichlorophenol	55.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T19	6/22/2010	2,4-Dimethylphenol	101	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T19	6/22/2010	2,4-Dinitrophenol	229	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T19	6/22/2010	2,4-Dinitrotoluene	201	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T19	6/22/2010	2,6-Dichlorophenol	45.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T19	6/22/2010	2,6-Dinitrotoluene	52.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T19	6/22/2010	2-Acetylaminofluorene	40.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T19	6/22/2010	2-Chloronaphthalene	40.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T19	6/22/2010	2-Chlorophenol	37.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T19	6/22/2010	2-Hexanone	3.24	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T19	6/22/2010	2-Methylnaphthalene	41.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T19	6/22/2010	2-Methylphenol (O-Cresol)	51	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T19	6/22/2010	2-Naphthylamine	32.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T19	6/22/2010	2-Nitroaniline	54.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T19	6/22/2010	2-Nitrophenol	80.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T19	6/22/2010	2-Picoline	49.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T19	6/22/2010	3- And 4- Methylphenol	82.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T19	6/22/2010	3,3'-Dichlorobenzidine	30.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T19	6/22/2010	3,3'-Dimethylbenzidine	328	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T19	6/22/2010	3-Methylcholanthrene	30.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T19	6/22/2010	3-Nitroaniline	40.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T19	6/22/2010	4,6-Dinitro-2-Methylphenol	181	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T19	6/22/2010	4-Aminobiphenyl	160	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T19	6/22/2010	4-Bromophenyl Phenyl Ether	38.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T19	6/22/2010	4-Chloro-3-Methylphenol	67.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T19	6/22/2010	4-Chloroaniline	48	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T19	6/22/2010	4-Chlorophenyl Phenyl Ether	32.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T19	6/22/2010	4-Dimethylaminoazobenzene	26.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T19	6/22/2010	4-Nitroaniline	128	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T19	6/22/2010	4-Nitrophenol	193	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T19	6/22/2010	4-Nitroquinoline-N-Oxide	120	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T19	6/22/2010	5-Nitro-Ortho-Toluidine	34.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T19	6/22/2010	7,12-Dimethylbenz[A]Anthracene	36.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T19	6/22/2010	Acenaphthene	44.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T19	6/22/2010	Acenaphthylene	41.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T19	6/22/2010	Acetone	16.5	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T19	6/22/2010	Acetonitrile	8.44	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T19	6/22/2010	Acetophenone	47.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T19	6/22/2010	Acrolein	5.87	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T19	6/22/2010	Acrylonitrile	7.16	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T19	6/22/2010	Allyl Chloride	0.844	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T19	6/22/2010	Alpha,Alpha-Dimethylphenethylamine	37.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T19	6/22/2010	Aniline	40.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T19	6/22/2010	Anthracene	31.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T19	6/22/2010	Antimony	0.56	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T19	6/22/2010	Aramite	58	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T19	6/22/2010	Arsenic	0.524	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T19	6/22/2010	Barium	13.8	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T19	6/22/2010	Benzene	0.731	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T19	6/22/2010	Benzo(A)Anthracene	25.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T19	6/22/2010	Benzo(B)Fluoranthene	66.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T19	6/22/2010	Benzo(G,H,I)Perylene	34.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T19	6/22/2010	Benzo(K)Fluoranthene	50.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T19	6/22/2010	Benzo[A]Pyrene	29.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T19	6/22/2010	Benzyl Alcohol	106	UG/KG		R		N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T19	6/22/2010	Beryllium	0.101	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T19	6/22/2010	Biphenyl	33.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T19	6/22/2010	Bis(2-Chloro-1-Methylethyl) Ether	34.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T19	6/22/2010	Bis(2-Chloroethoxy)Methane	41.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T19	6/22/2010	Bis(2-Chloroethyl)Ether	43.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T19	6/22/2010	Bis(2-Ethylhexyl)Phthalate	60.5	UG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T19	6/22/2010	Bromodichloromethane	0.677	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T19	6/22/2010	Bromoform	1.22	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T19	6/22/2010	Butyl Benzyl Phthalate	33.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T19	6/22/2010	Cadmium	0.146	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T19	6/22/2010	Carbon Disulfide	0.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T19	6/22/2010	Carbon Tetrachloride	1.24	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T19	6/22/2010	Chlorobenzene	0.635	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T19	6/22/2010	Chlorobenzilate	37.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T19	6/22/2010	Chlorodibromomethane	0.713	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T19	6/22/2010	Chloroform	0.797	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T19	6/22/2010	Chloroprene	1.32	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T19	6/22/2010	Chromium	11.4	MG/KG				Y	4-6 Feet	FS	Soil	Site Background	42.7
T19	6/22/2010	Chrysene	28.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T19	6/22/2010	cis-1,2 Dichloroethene	0.693	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T19	6/22/2010	cis-1,3-Dichloropropene	0.633	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T19	6/22/2010	Cobalt	0.584	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T19	6/22/2010	Copper	0.629	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T19	6/22/2010	Cyanide	199	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T19	6/22/2010	Diallate	45.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T19	6/22/2010	Dibenz(A,H)Anthracene	108	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T19	6/22/2010	Dibenzofuran	45.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T19	6/22/2010	Dichlorodifluoromethane	5.14	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T19	6/22/2010	Diethyl Phthalate	27.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T19	6/22/2010	Diethylene Glycol	4550	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T19	6/22/2010	Dimethoate	37.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T19	6/22/2010	Dimethyl Phthalate	30.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T19	6/22/2010	Dimethyl Terephthalate	33.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T19	6/22/2010	Di-N-Butyl Phthalate	31.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T19	6/22/2010	Diphenyl Amine	29.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T19	6/22/2010	Diphenyl Ether	34.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T19	6/22/2010	Ethyl Chloride	0.761	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T19	6/22/2010	Ethyl Methacrylate	0.878	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T19	6/22/2010	Ethyl Methanesulfonate	53.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T19	6/22/2010	Ethylbenzene	0.929	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T19	6/22/2010	Ethylene Glycol	4820	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T19	6/22/2010	Fluoranthene	31.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T19	6/22/2010	Fluorene	29.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T19	6/22/2010	Hexachlorobenzene	35.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T19	6/22/2010	Hexachlorobutadiene	51.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T19	6/22/2010	Hexachlorocyclopentadiene	216	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T19	6/22/2010	Hexachloroethane	55.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T19	6/22/2010	Hexachloropropylene	102	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T19	6/22/2010	Indeno (1,2,3-CD) Pyrene	66	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T19	6/22/2010	Iodomethane	0.671	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T19	6/22/2010	Isobutyl Alcohol	32.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T19	6/22/2010	Isodrin	37.2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T19	6/22/2010	Isophorone	54.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T19	6/22/2010	Isosafrole	49.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T19	6/22/2010	Lead	7.82	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T19	6/22/2010	Mercury	0.0295	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T19	6/22/2010	Methacrylonitrile	6.81	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T19	6/22/2010	Methanol	1910	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T19	6/22/2010	Methapyrilene	77.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T19	6/22/2010	Methyl Bromide	0.717	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T19	6/22/2010	Methyl Chloride	0.679	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T19	6/22/2010	Methyl Ethyl Ketone	2	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T19	6/22/2010	Methyl Isobutyl Ketone	1.84	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T19	6/22/2010	Methyl Methacrylate	0.882	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T19	6/22/2010	Methyl Methanesulfonate	54	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T19	6/22/2010	Methylene Bromide	0.968	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T19	6/22/2010	Methylene Chloride	0.985	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T19	6/22/2010	Naphthalene	40.7	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T19	6/22/2010	N-Dioctyl Phthalate	155	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T19	6/22/2010	Nickel	1.52	MG/KG	J	J		Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T19	6/22/2010	Nitrobenzene	62.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T19	6/22/2010	N-Nitroso(Methyl)Ethylamine	44.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T19	6/22/2010	N-Nitrosodiethylamine	42.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T19	6/22/2010	N-Nitrosodimethylamine	44.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T19	6/22/2010	N-Nitroso-Di-N-Butylamine	50.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T19	6/22/2010	N-Nitrosodi-N-Propylamine	31.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T19	6/22/2010	N-Nitrosodiphenylamine	29.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T19	6/22/2010	N-Nitrosomorpholine	40	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T19	6/22/2010	N-Nitrosopiperidine	47.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T19	6/22/2010	N-Nitrosopyrrolidine	32.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T19	6/22/2010	O,O,O-Triethylphosphorothioate	35.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T19	6/22/2010	O-Toluidine	56.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T19	6/22/2010	para-Phenylenediamine	165	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T19	6/22/2010	Pentachlorobenzene	43.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T19	6/22/2010	Pentachloroethane	2.51	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T19	6/22/2010	Pentachloronitrobenzene	102	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T19	6/22/2010	Pentachlorophenol	64.5	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T19	6/22/2010	Phenacetin	75.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T19	6/22/2010	Phenanthrene	28.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T19	6/22/2010	Phenol	42	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T19	6/22/2010	Pronamide	192	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T19	6/22/2010	Propionitrile	7.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T19	6/22/2010	Propylene Glycol	7830	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T19	6/22/2010	Pyrene	29.8	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T19	6/22/2010	Pyridine	49.4	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T19	6/22/2010	Safrole	42.9	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T19	6/22/2010	Selenium	0.272	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T19	6/22/2010	Silver	0.533	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T19	6/22/2010	Styrene	0.579	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T19	6/22/2010	Sulfide	101	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T19	6/22/2010	Terephthalic Acid	0.818	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T19	6/22/2010	Tetrachloroethene	1.72	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T19	6/22/2010	Tetraethyl Dithiopyrophosphate	41.1	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T19	6/22/2010	Thallium	0.752	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T19	6/22/2010	Thionazin	39.6	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T19	6/22/2010	Tin	1.17	MG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T19	6/22/2010	Toluene	0.878	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T19	6/22/2010	trans-1,2-Dichloroethene	0.755	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T19	6/22/2010	trans-1,3-Dichloropropene	0.696	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T19	6/22/2010	trans-1,4-Dichlorobutene-2	2.64	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T19	6/22/2010	Trichloroethene	1.03	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T19	6/22/2010	Trichlorofluoromethane	1.13	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T19	6/22/2010	Triethylene Glycol	5430	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T19	6/22/2010	Vanadium	11.1	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T19	6/22/2010	Vinyl Acetate	1.17	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T19	6/22/2010	Vinyl Chloride	0.838	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T19	6/22/2010	Xylenes	2.3	UG/KG				N	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T19	6/22/2010	Zinc	3.58	MG/KG				Y	4-6 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T2	5/24/2006	1,1,1,2-Tetrachloroethane	0.59	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T2	5/24/2006	1,1,1-Trichloroethane	0.84	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T2	5/24/2006	1,1,2,2-Tetrachloroethane	3.5	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T2	5/24/2006	1,1,2-Trichloroethane	0.57	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T2	5/24/2006	1,1-Dichloroethane	0.68	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2	5/24/2006	1,1-Dichloroethene	0.94	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T2	5/24/2006	1,2,3-Trichloropropane	2.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T2	5/24/2006	1,2,4,5-Tetrachlorobenzene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T2	5/24/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T2	5/24/2006	1,2-Dibromo-3-Chloropropane	4.7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T2	5/24/2006	1,2-Dibromoethane (EDB)	0.82	UG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T2	5/24/2006	1,2-Dichlorobenzene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T2	5/24/2006	1,2-Dichloroethane	0.84	UG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2	5/24/2006	1,2-Dichloropropane	0.74	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T2	5/24/2006	1,2-Diphenylhydrazine	7.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2	5/24/2006	1,3,5-Trinitrobenzene	290	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T2	5/24/2006	1,3-Dichlorobenzene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T2	5/24/2006	1,3-Dinitrobenzene	8.7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T2	5/24/2006	1,4-Dichlorobenzene	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T2	5/24/2006	1,4-Dioxane	60	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2	5/24/2006	1,4-Naphthoquinone	270	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T2	5/24/2006	1-Naphthylamine	41	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T2	5/24/2006	2,3,4,6-Tetrachlorophenol	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T2	5/24/2006	2,4,5-Trichlorophenol	35	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2	5/24/2006	2,4,6-Trichlorophenol	45	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T2	5/24/2006	2,4-Dichlorophenol	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T2	5/24/2006	2,4-Dimethylphenol	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T2	5/24/2006	2,4-Dinitrophenol	280	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T2	5/24/2006	2,4-Dinitrotoluene	39	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T2	5/24/2006	2,6-Dichlorophenol	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T2	5/24/2006	2,6-Dinitrotoluene	65	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2	5/24/2006	2-Acetylaminofluorene	21	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T2	5/24/2006	2-Chloronaphthalene	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T2	5/24/2006	2-Chlorophenol	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T2	5/24/2006	2-Hexanone	3.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T2	5/24/2006	2-Methylnaphthalene	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T2	5/24/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2	5/24/2006	2-Naphthylamine	49	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T2	5/24/2006	2-Nitroaniline	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T2	5/24/2006	2-Nitrophenol	62	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T2	5/24/2006	2-Picoline	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T2	5/24/2006	3,3'-Dichlorobenzidine	39	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T2	5/24/2006	3,3'-Dimethylbenzidine	120	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T2	5/24/2006	3-Methylcholanthrene	10	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T2	5/24/2006	3-Nitroaniline	41	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T2	5/24/2006	4,6-Dinitro-2-Methylphenol	330	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T2	5/24/2006	4-Aminobiphenyl	110	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T2	5/24/2006	4-Bromophenyl Phenyl Ether	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2	5/24/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2	5/24/2006	4-Chloroaniline	13	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T2	5/24/2006	4-Chlorophenyl Phenyl Ether	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T2	5/24/2006	4-Dimethylaminoazobenzene	7	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T2	5/24/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2	5/24/2006	4-Nitroaniline	47	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T2	5/24/2006	4-Nitrophenol	330	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2	5/24/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T2	5/24/2006	5-Nitro-Ortho-Toluidine	32	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T2	5/24/2006	7,12-Dimethylbenz[A]Anthracene	25	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T2	5/24/2006	Acenaphthene	12	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T2	5/24/2006	Acenaphthylene	8.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T2	5/24/2006	Acetone	140	UG/KG		J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2	5/24/2006	Acetonitrile	8.4	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2	5/24/2006	Acetophenone	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T2	5/24/2006	Acrolein	5.8	UG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T2	5/24/2006	Acrylonitrile	7.1	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T2	5/24/2006	Allyl Chloride	0.84	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T2	5/24/2006	Alpha,Alpha-Dimethylphenethylamine	410	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T2	5/24/2006	Aniline	27	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T2	5/24/2006	Anthracene	7.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T2	5/24/2006	Antimony	0.31	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T2	5/24/2006	Aramite	7.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T2	5/24/2006	Barium	207	MG/KG				Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T2	5/24/2006	Benzene	0.73	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T2	5/24/2006	Benzo(A)Anthracene	11	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2	5/24/2006	Benzo(B)Fluoranthene	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2	5/24/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T2	5/24/2006	Benzo(K)Fluoranthene	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T2	5/24/2006	Benzo[A]Pyrene	7.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T2	5/24/2006	Benzyl Alcohol	29	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2	5/24/2006	Beryllium	0.26	MG/KG	B	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T2	5/24/2006	Biphenyl	310	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T2	5/24/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T2	5/24/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T2	5/24/2006	Bis(2-Chloroethyl)Ether	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T2	5/24/2006	Bis(2-Ethylhexyl)Phthalate	36	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T2	5/24/2006	Bromodichloromethane	0.67	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T2	5/24/2006	Bromoform	1.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2	5/24/2006	Butyl Benzyl Phthalate	32	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T2	5/24/2006	Cadmium	0.034	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T2	5/24/2006	Carbon Disulfide	0.9	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2	5/24/2006	Carbon Tetrachloride	1.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T2	5/24/2006	Chlorobenzene	0.63	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T2	5/24/2006	Chlorobenzilate	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T2	5/24/2006	Chlorodibromomethane	0.71	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T2	5/24/2006	Chloroform	0.79	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T2	5/24/2006	Chloroprene	1.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T2	5/24/2006	Arsenic	3.8	MG/KG			Y	Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T2	5/24/2006	Chromium	23.8	MG/KG				Y	4.5-5 Feet	FS	Soil	Site Background	42.7
T2	5/24/2006	Chrysene	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T2	5/24/2006	cis-1,2 Dichloroethene	0.69	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T2	5/24/2006	cis-1,3-Dichloropropene	0.63	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T2	5/24/2006	Cobalt	0.93	MG/KG	B	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T2	5/24/2006	Copper	0.54	MG/KG	B	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T2	5/24/2006	Cyanide	300	UG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2	5/24/2006	Diallate	26	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2	5/24/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T2	5/24/2006	Dibenzofuran	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T2	5/24/2006	Dichlorodifluoromethane	5.1	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T2	5/24/2006	Diethyl Phthalate	9.4	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T2	5/24/2006	Diethylene Glycol	2700	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T2	5/24/2006	Dimethoate	44	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2	5/24/2006	Dimethyl Phthalate	28	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T2	5/24/2006	Dimethyl Terephthalate	29	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T2	5/24/2006	Di-N-Butyl Phthalate	10	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2	5/24/2006	Diphenyl Amine	45	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T2	5/24/2006	Diphenyl Ether	1300	UG/KG				Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T2	5/24/2006	Ethyl Chloride	0.76	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T2	5/24/2006	Ethyl Methacrylate	0.87	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T2	5/24/2006	Ethyl Methanesulfonate	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2	5/24/2006	Ethylbenzene	0.92	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T2	5/24/2006	Ethylene Glycol	2600	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2	5/24/2006	Fluoranthene	11	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T2	5/24/2006	Fluorene	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T2	5/24/2006	Hexachlorobenzene	12	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T2	5/24/2006	Hexachlorobutadiene	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T2	5/24/2006	Hexachlorocyclopentadiene	340	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2	5/24/2006	Hexachloroethane	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T2	5/24/2006	Hexachloropropylene	13	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T2	5/24/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2	5/24/2006	Iodomethane	0.67	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T2	5/24/2006	Isobutyl Alcohol	32	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T2	5/24/2006	Isodrin	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T2	5/24/2006	Isophorone	17	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T2	5/24/2006	Isosafrole	10	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T2	5/24/2006	Lead	25.2	MG/KG	L	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T2	5/24/2006	Mercury	0.055	MG/KG	B J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T2	5/24/2006	Methacrylonitrile	6.8	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T2	5/24/2006	Methanol	1800	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2	5/24/2006	Methapyrilene	99	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T2	5/24/2006	Methyl Bromide	0.71	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T2	5/24/2006	Methyl Chloride	0.68	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T2	5/24/2006	Methyl Ethyl Ketone	13	UG/KG		J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T2	5/24/2006	Methyl Isobutyl Ketone	1.8	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2	5/24/2006	Methyl Methacrylate	0.88	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T2	5/24/2006	Methyl Methanesulfonate	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2	5/24/2006	Methylene Bromide	0.96	UG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T2	5/24/2006	Methylene Chloride	0.98	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T2	5/24/2006	Naphthalene	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T2	5/24/2006	N-Dioctyl Phthalate	20	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T2	5/24/2006	Nickel	3.1	MG/KG	B	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T2	5/24/2006	Nitrobenzene	21	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2	5/24/2006	N-Nitroso(Methyl)Ethylamine	31	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T2	5/24/2006	N-Nitrosodiethylamine	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T2	5/24/2006	N-Nitrosodimethylamine	12	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T2	5/24/2006	N-Nitroso-Di-N-Butylamine	21	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T2	5/24/2006	N-Nitrosodi-N-Propylamine	15	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T2	5/24/2006	N-Nitrosodiphenylamine	45	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T2	5/24/2006	N-Nitrosomorpholine	28	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T2	5/24/2006	N-Nitrosopiperidine	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T2	5/24/2006	N-Nitrosopyrrolidine	13	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T2	5/24/2006	O,O,O-Triethylphosphorothioate	32	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T2	5/24/2006	O-Toluidine	12	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T2	5/24/2006	para-Phenylenediamine	460	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T2	5/24/2006	Pentachlorobenzene	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T2	5/24/2006	Pentachloroethane	2.5	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T2	5/24/2006	Pentachloronitrobenzene	22	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T2	5/24/2006	Pentachlorophenol	310	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T2	5/24/2006	Phenacetin	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T2	5/24/2006	Phenanthrene	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T2	5/24/2006	Phenol	17	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T2	5/24/2006	Pronamide	18	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T2	5/24/2006	Propionitrile	7.6	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2	5/24/2006	Propylene Glycol	3300	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2	5/24/2006	Pyrene	14	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T2	5/24/2006	Pyridine	48	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T2	5/24/2006	Safrole	16	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T2	5/24/2006	Selenium	0.38	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2	5/24/2006	Silver	0.19	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2	5/24/2006	Styrene	0.58	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T2	5/24/2006	Sulfide	98.6	MG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2	5/24/2006	Terephthalic Acid	6.2	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T2	5/24/2006	Tetrachloroethene	4.1	UG/KG	J	J		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T2	5/24/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T2	5/24/2006	Thallium	0.32	MG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T2	5/24/2006	Thionazin	34	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T2	5/24/2006	Tin	1.1	MG/KG	B J	B		Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T2	5/24/2006	Toluene	0.87	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T2	5/24/2006	trans-1,2-Dichloroethene	0.75	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T2	5/24/2006	trans-1,3-Dichloropropene	0.69	UG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T2	5/24/2006	trans-1,4-Dichlorobutene-2	2.6	UG/KG		UJ		N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T2	5/24/2006	Trichloroethene	1	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T2	5/24/2006	Trichlorofluoromethane	1.1	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T2	5/24/2006	Triethylene Glycol	3500	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T2	5/24/2006	Vanadium	28.4	MG/KG				Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2	5/24/2006	Vinyl Acetate	1.2	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T2	5/24/2006	Vinyl Chloride	0.83	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T2	5/24/2006	Xylenes	2.3	UG/KG				N	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T2	5/24/2006	Zinc	6.3	MG/KG	J			Y	4.5-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T2-CS1	6/16/2010	1,1,1,2-Tetrachloroethane	0.523	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2-CS1	6/16/2010	1,1,1-Trichloroethane	0.743	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T2-CS1	6/16/2010	1,1,2,2-Tetrachloroethane	3.07	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T2-CS1	6/16/2010	1,1,2-Trichloroethane	0.506	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T2-CS1	6/16/2010	1,1-Dichloroethane	0.601	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2-CS1	6/16/2010	1,1-Dichloroethene	0.831	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T2-CS1	6/16/2010	1,2,3-Trichloropropane	2.04	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T2-CS1	6/16/2010	1,2,4,5-Tetrachlorobenzene	45.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T2-CS1	6/16/2010	1,2,4-Trichlorobenzene	50.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T2-CS1	6/16/2010	1,2-Dibromo-3-Chloropropane	4.14	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T2-CS1	6/16/2010	1,2-Dibromoethane (EDB)	0.73	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T2-CS1	6/16/2010	1,2-Dichlorobenzene	1.66	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T2-CS1	6/16/2010	1,2-Dichloroethane	0.741	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2-CS1	6/16/2010	1,2-Dichloropropane	0.656	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T2-CS1	6/16/2010	1,2-Diphenylhydrazine	47.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2-CS1	6/16/2010	1,3,5-Trinitrobenzene	236	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T2-CS1	6/16/2010	1,3-Dichlorobenzene	0.832	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T2-CS1	6/16/2010	1,3-Dinitrobenzene	46.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T2-CS1	6/16/2010	1,4-Dichlorobenzene	1.08	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T2-CS1	6/16/2010	1,4-Dioxane	28	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2-CS1	6/16/2010	1,4-Naphthoquinone	55.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T2-CS1	6/16/2010	1-Naphthylamine	36	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T2-CS1	6/16/2010	2,3,4,6-Tetrachlorophenol	25.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T2-CS1	6/16/2010	2,4,5-Trichlorophenol	38.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS1	6/16/2010	2,4,6-Trichlorophenol	49.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T2-CS1	6/16/2010	2,4-Dichlorophenol	48.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T2-CS1	6/16/2010	2,4-Dimethylphenol	88.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T2-CS1	6/16/2010	2,4-Dinitrophenol	202	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T2-CS1	6/16/2010	2,4-Dinitrotoluene	177	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T2-CS1	6/16/2010	2,6-Dichlorophenol	39.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T2-CS1	6/16/2010	2,6-Dinitrotoluene	46.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T2-CS1	6/16/2010	2-Acetylaminofluorene	35.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T2-CS1	6/16/2010	2-Chloronaphthalene	35.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T2-CS1	6/16/2010	2-Chlorophenol	32.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T2-CS1	6/16/2010	2-Hexanone	2.87	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T2-CS1	6/16/2010	2-Methylnaphthalene	36.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T2-CS1	6/16/2010	2-Methylphenol (O-Cresol)	44.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS1	6/16/2010	2-Naphthylamine	28.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T2-CS1	6/16/2010	2-Nitroaniline	47.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T2-CS1	6/16/2010	2-Nitrophenol	70.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T2-CS1	6/16/2010	2-Picoline	43.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T2-CS1	6/16/2010	3- And 4- Methylphenol	72.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T2-CS1	6/16/2010	3,3'-Dichlorobenzidine	26.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T2-CS1	6/16/2010	3,3'-Dimethylbenzidine	289	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T2-CS1	6/16/2010	3-Methylcholanthrene	26.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T2-CS1	6/16/2010	3-Nitroaniline	35.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T2-CS1	6/16/2010	4,6-Dinitro-2-Methylphenol	160	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T2-CS1	6/16/2010	4-Aminobiphenyl	141	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T2-CS1	6/16/2010	4-Bromophenyl Phenyl Ether	34	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2-CS1	6/16/2010	4-Chloro-3-Methylphenol	59.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS1	6/16/2010	4-Chloroaniline	42.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T2-CS1	6/16/2010	4-Chlorophenyl Phenyl Ether	28.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T2-CS1	6/16/2010	4-Dimethylaminoazobenzene	23.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T2-CS1	6/16/2010	4-Nitroaniline	113	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T2-CS1	6/16/2010	4-Nitrophenol	170	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2-CS1	6/16/2010	4-Nitroquinoline-N-Oxide	105	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T2-CS1	6/16/2010	5-Nitro-Ortho-Toluidine	30.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2-CS1	6/16/2010	7,12-Dimethylbenz[A]Anthracene	32.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T2-CS1	6/16/2010	Acenaphthene	39	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T2-CS1	6/16/2010	Acenaphthylene	36.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T2-CS1	6/16/2010	Acetone	1.68	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS1	6/16/2010	Acetonitrile	7.45	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2-CS1	6/16/2010	Acetophenone	41.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T2-CS1	6/16/2010	Acrolein	5.18	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T2-CS1	6/16/2010	Acrylonitrile	6.33	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T2-CS1	6/16/2010	Allyl Chloride	0.745	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T2-CS1	6/16/2010	Alpha,Alpha-Dimethylphenethylamine	33	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T2-CS1	6/16/2010	Aniline	35.5	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T2-CS1	6/16/2010	Anthracene	27.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T2-CS1	6/16/2010	Antimony	2.29	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T2-CS1	6/16/2010	Aramite	51	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T2-CS1	6/16/2010	Arsenic	2.19	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T2-CS1	6/16/2010	Barium	54.5	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T2-CS1	6/16/2010	Benzene	0.646	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T2-CS1	6/16/2010	Benzo(A)Anthracene	22.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2-CS1	6/16/2010	Benzo(B)Fluoranthene	58.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2-CS1	6/16/2010	Benzo(G,H,I)Perylene	30.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T2-CS1	6/16/2010	Benzo(K)Fluoranthene	44.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T2-CS1	6/16/2010	Benzo[A]Pyrene	25.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T2-CS1	6/16/2010	Benzyl Alcohol	93.6	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS1	6/16/2010	Beryllium	0.0986	MG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T2-CS1	6/16/2010	Biphenyl	48.1	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T2-CS1	6/16/2010	Bis(2-Chloro-1-Methylethyl) Ether	30.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T2-CS1	6/16/2010	Bis(2-Chloroethoxy)Methane	36.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T2-CS1	6/16/2010	Bis(2-Chloroethyl)Ether	38.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T2-CS1	6/16/2010	Bis(2-Ethylhexyl)Phthalate	65.2	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T2-CS1	6/16/2010	Bromodichloromethane	0.598	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T2-CS1	6/16/2010	Bromoform	1.08	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T2-CS1	6/16/2010	Butyl Benzyl Phthalate	29.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T2-CS1	6/16/2010	Cadmium	0.0635	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T2-CS1	6/16/2010	Carbon Disulfide	0.795	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2-CS1	6/16/2010	Carbon Tetrachloride	1.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T2-CS1	6/16/2010	Chlorobenzene	0.561	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T2-CS1	6/16/2010	Chlorobenzilate	33	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T2-CS1	6/16/2010	Chlorodibromomethane	0.63	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T2-CS1	6/16/2010	Chloroform	0.704	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T2-CS1	6/16/2010	Chloroprene	1.17	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T2-CS1	6/16/2010	Chromium	18.2	MG/KG				Y	3-5 Feet	FS	Soil	Site Background	42.7
T2-CS1	6/16/2010	Chrysene	25.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T2-CS1	6/16/2010	cis-1,2 Dichloroethene	0.612	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T2-CS1	6/16/2010	cis-1,3-Dichloropropene	0.559	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T2-CS1	6/16/2010	Cobalt	0.222	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T2-CS1	6/16/2010	Copper	0.613	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T2-CS1	6/16/2010	Cyanide	175	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2-CS1	6/16/2010	Diallate	40.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2-CS1	6/16/2010	Dibenz(A,H)Anthracene	94.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T2-CS1	6/16/2010	Dibenzofuran	40.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T2-CS1	6/16/2010	Dichlorodifluoromethane	4.54	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T2-CS1	6/16/2010	Diethyl Phthalate	24.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T2-CS1	6/16/2010	Diethylene Glycol	4020	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T2-CS1	6/16/2010	Dimethoate	33.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2-CS1	6/16/2010	Dimethyl Phthalate	26.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T2-CS1	6/16/2010	Dimethyl Terephthalate	29.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2-CS1	6/16/2010	Di-N-Butyl Phthalate	27.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS1	6/16/2010	Diphenyl Amine	25.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T2-CS1	6/16/2010	Diphenyl Ether	171	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T2-CS1	6/16/2010	Ethyl Chloride	0.672	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T2-CS1	6/16/2010	Ethyl Methacrylate	0.776	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T2-CS1	6/16/2010	Ethyl Methanesulfonate	46.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2-CS1	6/16/2010	Ethylbenzene	0.82	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T2-CS1	6/16/2010	Ethylene Glycol	4250	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS1	6/16/2010	Fluoranthene	27.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T2-CS1	6/16/2010	Fluorene	26	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T2-CS1	6/16/2010	Hexachlorobenzene	31.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T2-CS1	6/16/2010	Hexachlorobutadiene	45.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T2-CS1	6/16/2010	Hexachlorocyclopentadiene	190	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2-CS1	6/16/2010	Hexachloroethane	48.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T2-CS1	6/16/2010	Hexachloropropylene	89.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T2-CS1	6/16/2010	Indeno (1,2,3-CD) Pyrene	58	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2-CS1	6/16/2010	Iodomethane	0.593	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T2-CS1	6/16/2010	Isobutyl Alcohol	28.3	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T2-CS1	6/16/2010	Isodrin	32.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T2-CS1	6/16/2010	Isophorone	48.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T2-CS1	6/16/2010	Isosafrole	43.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T2-CS1	6/16/2010	Lead	12.4	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T2-CS1	6/16/2010	Mercury	0.12	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T2-CS1	6/16/2010	Methacrylonitrile	6.02	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T2-CS1	6/16/2010	Methanol	1690	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS1	6/16/2010	Methapyrilene	68.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T2-CS1	6/16/2010	Methyl Bromide	0.633	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T2-CS1	6/16/2010	Methyl Chloride	0.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T2-CS1	6/16/2010	Methyl Ethyl Ketone	1.77	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T2-CS1	6/16/2010	Methyl Isobutyl Ketone	1.62	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T2-CS1	6/16/2010	Methyl Methacrylate	0.779	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T2-CS1	6/16/2010	Methyl Methanesulfonate	47.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2-CS1	6/16/2010	Methylene Bromide	0.855	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T2-CS1	6/16/2010	Methylene Chloride	0.871	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T2-CS1	6/16/2010	Naphthalene	35.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T2-CS1	6/16/2010	N-Dioctyl Phthalate	136	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T2-CS1	6/16/2010	Nickel	1.84	MG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T2-CS1	6/16/2010	Nitrobenzene	55.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2-CS1	6/16/2010	N-Nitroso(Methyl)Ethylamine	39.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T2-CS1	6/16/2010	N-Nitrosodiethylamine	37.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T2-CS1	6/16/2010	N-Nitrosodimethylamine	39	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T2-CS1	6/16/2010	N-Nitroso-Di-N-Butylamine	44.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T2-CS1	6/16/2010	N-Nitrosodi-N-Propylamine	27.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T2-CS1	6/16/2010	N-Nitrosodiphenylamine	25.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T2-CS1	6/16/2010	N-Nitrosomorpholine	35.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T2-CS1	6/16/2010	N-Nitrosopiperidine	42	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T2-CS1	6/16/2010	N-Nitrosopyrrolidine	28.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T2-CS1	6/16/2010	O,O,O-Triethylphosphorothioate	31.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T2-CS1	6/16/2010	O-Toluidine	50	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T2-CS1	6/16/2010	para-Phenylenediamine	145	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T2-CS1	6/16/2010	Pentachlorobenzene	38.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T2-CS1	6/16/2010	Pentachloroethane	2.22	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T2-CS1	6/16/2010	Pentachloronitrobenzene	89.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T2-CS1	6/16/2010	Pentachlorophenol	56.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T2-CS1	6/16/2010	Phenacetin	66.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T2-CS1	6/16/2010	Phenanthrene	24.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2-CS1	6/16/2010	Phenol	36.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T2-CS1	6/16/2010	Pronamide	169	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T2-CS1	6/16/2010	Propionitrile	6.72	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2-CS1	6/16/2010	Propylene Glycol	6900	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS1	6/16/2010	Pyrene	26.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T2-CS1	6/16/2010	Pyridine	43.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T2-CS1	6/16/2010	Safrole	37.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T2-CS1	6/16/2010	Selenium	0.265	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2-CS1	6/16/2010	Silver	0.519	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2-CS1	6/16/2010	Styrene	0.512	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T2-CS1	6/16/2010	Sulfide	89.1	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS1	6/16/2010	Terephthalic Acid	5.79	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T2-CS1	6/16/2010	Tetrachloroethene	1.52	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T2-CS1	6/16/2010	Tetraethyl Dithiopyrophosphate	36.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T2-CS1	6/16/2010	Thallium	0.733	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T2-CS1	6/16/2010	Thionazin	34.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T2-CS1	6/16/2010	Tin	1.14	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T2-CS1	6/16/2010	Toluene	0.776	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T2-CS1	6/16/2010	trans-1,2-Dichloroethene	0.667	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T2-CS1	6/16/2010	trans-1,3-Dichloropropene	0.615	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T2-CS1	6/16/2010	trans-1,4-Dichlorobutene-2	2.33	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T2-CS1	6/16/2010	Trichloroethene	0.912	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T2-CS1	6/16/2010	Trichlorofluoromethane	0.999	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T2-CS1	6/16/2010	Triethylene Glycol	4790	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T2-CS1	6/16/2010	Vanadium	20.7	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2-CS1	6/16/2010	Vinyl Acetate	1.03	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T2-CS1	6/16/2010	Vinyl Chloride	0.74	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T2-CS1	6/16/2010	Xylenes	2.03	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T2-CS1	6/16/2010	Zinc	7.07	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T2-CS2	6/16/2010	1,1,1,2-Tetrachloroethane	0.536	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T2-CS2	6/16/2010	1,1,1-Trichloroethane	0.762	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T2-CS2	6/16/2010	1,1,2,2-Tetrachloroethane	3.15	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T2-CS2	6/16/2010	1,1,2-Trichloroethane	0.519	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T2-CS2	6/16/2010	1,1-Dichloroethane	0.616	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2-CS2	6/16/2010	1,1-Dichloroethene	0.852	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T2-CS2	6/16/2010	1,2,3-Trichloropropane	2.09	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T2-CS2	6/16/2010	1,2,4,5-Tetrachlorobenzene	47.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T2-CS2	6/16/2010	1,2,4-Trichlorobenzene	53.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T2-CS2	6/16/2010	1,2-Dibromo-3-Chloropropane	4.25	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T2-CS2	6/16/2010	1,2-Dibromoethane (EDB)	0.748	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T2-CS2	6/16/2010	1,2-Dichlorobenzene	1.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T2-CS2	6/16/2010	1,2-Dichloroethane	0.76	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2-CS2	6/16/2010	1,2-Dichloropropane	0.673	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T2-CS2	6/16/2010	1,2-Diphenylhydrazine	50.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2-CS2	6/16/2010	1,3,5-Trinitrobenzene	249	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T2-CS2	6/16/2010	1,3-Dichlorobenzene	0.853	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T2-CS2	6/16/2010	1,3-Dinitrobenzene	49.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T2-CS2	6/16/2010	1,4-Dichlorobenzene	1.11	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T2-CS2	6/16/2010	1,4-Dioxane	29.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2-CS2	6/16/2010	1,4-Naphthoquinone	58.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T2-CS2	6/16/2010	1-Naphthylamine	38	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T2-CS2	6/16/2010	2,3,4,6-Tetrachlorophenol	27	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T2-CS2	6/16/2010	2,4,5-Trichlorophenol	40.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS2	6/16/2010	2,4,6-Trichlorophenol	194	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T2-CS2	6/16/2010	2,4-Dichlorophenol	51.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T2-CS2	6/16/2010	2,4-Dimethylphenol	93.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2-CS2	6/16/2010	2,4-Dinitrophenol	213	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T2-CS2	6/16/2010	2,4-Dinitrotoluene	187	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T2-CS2	6/16/2010	2,6-Dichlorophenol	41.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T2-CS2	6/16/2010	2,6-Dinitrotoluene	48.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T2-CS2	6/16/2010	2-Acetylaminofluorene	37.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T2-CS2	6/16/2010	2-Chloronaphthalene	37.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T2-CS2	6/16/2010	2-Chlorophenol	34.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T2-CS2	6/16/2010	2-Hexanone	2.94	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T2-CS2	6/16/2010	2-Methylnaphthalene	38.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T2-CS2	6/16/2010	2-Methylphenol (O-Cresol)	47.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS2	6/16/2010	2-Naphthylamine	30.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T2-CS2	6/16/2010	2-Nitroaniline	50.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T2-CS2	6/16/2010	2-Nitrophenol	74.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T2-CS2	6/16/2010	2-Picoline	46.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T2-CS2	6/16/2010	3- And 4- Methylphenol	77	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T2-CS2	6/16/2010	3,3'-Dichlorobenzidine	28.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T2-CS2	6/16/2010	3,3'-Dimethylbenzidine	305	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T2-CS2	6/16/2010	3-Methylcholanthrene	27.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T2-CS2	6/16/2010	3-Nitroaniline	37.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T2-CS2	6/16/2010	4,6-Dinitro-2-Methylphenol	169	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T2-CS2	6/16/2010	4-Aminobiphenyl	149	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T2-CS2	6/16/2010	4-Bromophenyl Phenyl Ether	35.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T2-CS2	6/16/2010	4-Chloro-3-Methylphenol	62.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS2	6/16/2010	4-Chloroaniline	44.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T2-CS2	6/16/2010	4-Chlorophenyl Phenyl Ether	30.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T2-CS2	6/16/2010	4-Dimethylaminoazobenzene	24.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T2-CS2	6/16/2010	4-Nitroaniline	119	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T2-CS2	6/16/2010	4-Nitrophenol	179	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2-CS2	6/16/2010	4-Nitroquinoline-N-Oxide	111	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T2-CS2	6/16/2010	5-Nitro-Ortho-Toluidine	31.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T2-CS2	6/16/2010	7,12-Dimethylbenz[A]Anthracene	34.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T2-CS2	6/16/2010	Acenaphthene	41.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T2-CS2	6/16/2010	Acenaphthylene	38.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T2-CS2	6/16/2010	Acetone	19.8	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS2	6/16/2010	Acetonitrile	7.64	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2-CS2	6/16/2010	Acetophenone	43.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T2-CS2	6/16/2010	Acrolein	5.31	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T2-CS2	6/16/2010	Acrylonitrile	6.49	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T2-CS2	6/16/2010	Allyl Chloride	0.764	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T2-CS2	6/16/2010	Alpha,Alpha-Dimethylphenethylamine	34.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T2-CS2	6/16/2010	Aniline	37.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T2-CS2	6/16/2010	Anthracene	29.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T2-CS2	6/16/2010	Antimony	9.07	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T2-CS2	6/16/2010	Aramite	53.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T2-CS2	6/16/2010	Arsenic	0.949	MG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T2-CS2	6/16/2010	Barium	13	MG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T2-CS2	6/16/2010	Benzene	0.662	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T2-CS2	6/16/2010	Benzo(A)Anthracene	23.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2-CS2	6/16/2010	Benzo(B)Fluoranthene	62	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2-CS2	6/16/2010	Benzo(G,H,I)Perylene	31.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T2-CS2	6/16/2010	Benzo(K)Fluoranthene	47.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T2-CS2	6/16/2010	Benzo[A]Pyrene	27	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T2-CS2	6/16/2010	Benzyl Alcohol	98.8	UG/KG		UJ		N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS2	6/16/2010	Beryllium	0.0764	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T2-CS2	6/16/2010	Biphenyl	190	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T2-CS2	6/16/2010	Bis(2-Chloro-1-Methylethyl) Ether	32.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2-CS2	6/16/2010	Bis(2-Chloroethoxy)Methane	38.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T2-CS2	6/16/2010	Bis(2-Chloroethyl)Ether	40.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T2-CS2	6/16/2010	Bis(2-Ethylhexyl)Phthalate	70	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T2-CS2	6/16/2010	Bromodichloromethane	0.613	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T2-CS2	6/16/2010	Bromoform	1.11	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T2-CS2	6/16/2010	Butyl Benzyl Phthalate	31	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T2-CS2	6/16/2010	Cadmium	0.0671	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T2-CS2	6/16/2010	Carbon Disulfide	0.815	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2-CS2	6/16/2010	Carbon Tetrachloride	1.13	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T2-CS2	6/16/2010	Chlorobenzene	0.575	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T2-CS2	6/16/2010	Chlorobenzilate	34.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T2-CS2	6/16/2010	Chlorodibromomethane	0.645	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T2-CS2	6/16/2010	Chloroform	0.721	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T2-CS2	6/16/2010	Chloroprene	1.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T2-CS2	6/16/2010	Chromium	8.94	MG/KG				Y	3-5 Feet	FS	Soil	Site Background	42.7
T2-CS2	6/16/2010	Chrysene	26.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T2-CS2	6/16/2010	cis-1,2 Dichloroethene	0.627	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T2-CS2	6/16/2010	cis-1,3-Dichloropropene	0.573	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T2-CS2	6/16/2010	Cobalt	0.567	MG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T2-CS2	6/16/2010	Copper	0.937	MG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T2-CS2	6/16/2010	Cyanide	185	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2-CS2	6/16/2010	Diallate	42.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2-CS2	6/16/2010	Dibenz(A,H)Anthracene	99.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T2-CS2	6/16/2010	Dibenzofuran	42.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T2-CS2	6/16/2010	Dichlorodifluoromethane	4.65	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T2-CS2	6/16/2010	Diethyl Phthalate	25.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T2-CS2	6/16/2010	Diethylene Glycol	4220	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T2-CS2	6/16/2010	Dimethoate	35	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2-CS2	6/16/2010	Dimethyl Phthalate	28.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T2-CS2	6/16/2010	Dimethyl Terephthalate	31.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T2-CS2	6/16/2010	Di-N-Butyl Phthalate	29.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T2-CS2	6/16/2010	Diphenyl Amine	27	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T2-CS2	6/16/2010	Diphenyl Ether	4360	UG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T2-CS2	6/16/2010	Ethyl Chloride	0.689	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T2-CS2	6/16/2010	Ethyl Methacrylate	0.795	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T2-CS2	6/16/2010	Ethyl Methanesulfonate	49.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2-CS2	6/16/2010	Ethylbenzene	0.841	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T2-CS2	6/16/2010	Ethylene Glycol	4460	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS2	6/16/2010	Fluoranthene	29	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T2-CS2	6/16/2010	Fluorene	27.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T2-CS2	6/16/2010	Hexachlorobenzene	33.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T2-CS2	6/16/2010	Hexachlorobutadiene	48.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T2-CS2	6/16/2010	Hexachlorocyclopentadiene	201	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T2-CS2	6/16/2010	Hexachloroethane	51.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T2-CS2	6/16/2010	Hexachloropropylene	94.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T2-CS2	6/16/2010	Indeno (1,2,3-CD) Pyrene	61.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T2-CS2	6/16/2010	Iodomethane	0.608	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T2-CS2	6/16/2010	Isobutyl Alcohol	29	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T2-CS2	6/16/2010	Isodrin	34.6	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T2-CS2	6/16/2010	Isophorone	50.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T2-CS2	6/16/2010	Isosafrole	45.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T2-CS2	6/16/2010	Lead	7.48	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T2-CS2	6/16/2010	Mercury	0.265	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T2-CS2	6/16/2010	Methacrylonitrile	6.17	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T2-CS2	6/16/2010	Methanol	1770	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS2	6/16/2010	Methapyrilene	72.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2-CS2	6/16/2010	Methyl Bromide	0.649	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T2-CS2	6/16/2010	Methyl Chloride	0.615	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T2-CS2	6/16/2010	Methyl Ethyl Ketone	2.68	UG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T2-CS2	6/16/2010	Methyl Isobutyl Ketone	1.66	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T2-CS2	6/16/2010	Methyl Methacrylate	0.798	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T2-CS2	6/16/2010	Methyl Methanesulfonate	50.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T2-CS2	6/16/2010	Methylene Bromide	0.876	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T2-CS2	6/16/2010	Methylene Chloride	0.892	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T2-CS2	6/16/2010	Naphthalene	37.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T2-CS2	6/16/2010	N-Dioctyl Phthalate	144	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T2-CS2	6/16/2010	Nickel	2.36	MG/KG	J	J		Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T2-CS2	6/16/2010	Nitrobenzene	58.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T2-CS2	6/16/2010	N-Nitroso(Methyl)Ethylamine	41.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T2-CS2	6/16/2010	N-Nitrosodiethylamine	39.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T2-CS2	6/16/2010	N-Nitrosodimethylamine	41.2	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T2-CS2	6/16/2010	N-Nitroso-Di-N-Butylamine	46.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T2-CS2	6/16/2010	N-Nitrosodi-N-Propylamine	28.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T2-CS2	6/16/2010	N-Nitrosodiphenylamine	27	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T2-CS2	6/16/2010	N-Nitrosomorpholine	37.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T2-CS2	6/16/2010	N-Nitrosopiperidine	44.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T2-CS2	6/16/2010	N-Nitrosopyrrolidine	30.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T2-CS2	6/16/2010	O,O,O-Triethylphosphorothioate	32.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T2-CS2	6/16/2010	O-Toluidine	52.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T2-CS2	6/16/2010	para-Phenylenediamine	153	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T2-CS2	6/16/2010	Pentachlorobenzene	40.4	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T2-CS2	6/16/2010	Pentachloroethane	2.28	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T2-CS2	6/16/2010	Pentachloronitrobenzene	94.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T2-CS2	6/16/2010	Pentachlorophenol	59.9	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T2-CS2	6/16/2010	Phenacetin	70.5	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T2-CS2	6/16/2010	Phenanthrene	26.3	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T2-CS2	6/16/2010	Phenol	39	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T2-CS2	6/16/2010	Pronamide	178	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T2-CS2	6/16/2010	Propionitrile	6.89	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T2-CS2	6/16/2010	Propylene Glycol	7250	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS2	6/16/2010	Pyrene	27.7	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T2-CS2	6/16/2010	Pyridine	45.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T2-CS2	6/16/2010	Safrole	39.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T2-CS2	6/16/2010	Selenium	0.28	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2-CS2	6/16/2010	Silver	0.548	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2-CS2	6/16/2010	Styrene	0.525	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T2-CS2	6/16/2010	Sulfide	94.1	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T2-CS2	6/16/2010	Terephthalic Acid	6.11	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T2-CS2	6/16/2010	Tetrachloroethene	1.56	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T2-CS2	6/16/2010	Tetraethyl Dithiopyrophosphate	38.1	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T2-CS2	6/16/2010	Thallium	0.775	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T2-CS2	6/16/2010	Thionazin	36.8	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T2-CS2	6/16/2010	Tin	1.21	MG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T2-CS2	6/16/2010	Toluene	0.795	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T2-CS2	6/16/2010	trans-1,2-Dichloroethene	0.684	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T2-CS2	6/16/2010	trans-1,3-Dichloropropene	0.63	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T2-CS2	6/16/2010	trans-1,4-Dichlorobutene-2	2.39	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T2-CS2	6/16/2010	Trichloroethene	0.935	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T2-CS2	6/16/2010	Trichlorofluoromethane	1.02	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T2-CS2	6/16/2010	Triethylene Glycol	5030	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T2-CS2	6/16/2010	Vanadium	9.19	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T2-CS2	6/16/2010	Vinyl Acetate	1.06	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T2-CS2	6/16/2010	Vinyl Chloride	0.759	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T2-CS2	6/16/2010	Xylenes	2.08	UG/KG				N	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T2-CS2	6/16/2010	Zinc	10.9	MG/KG				Y	3-5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3	5/24/2006	1,1,1,2-Tetrachloroethane	0.55	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3	5/24/2006	1,1,1-Trichloroethane	0.78	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3	5/24/2006	1,1,2,2-Tetrachloroethane	3.2	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3	5/24/2006	1,1,2-Trichloroethane	0.53	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3	5/24/2006	1,1-Dichloroethane	0.63	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3	5/24/2006	1,1-Dichloroethene	0.87	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3	5/24/2006	1,2,3-Trichloropropane	2.1	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3	5/24/2006	1,2,4,5-Tetrachlorobenzene	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3	5/24/2006	1,2,4-Trichlorobenzene	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3	5/24/2006	1,2-Dibromo-3-Chloropropane	4.3	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3	5/24/2006	1,2-Dibromoethane (EDB)	0.76	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3	5/24/2006	1,2-Dichlorobenzene	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3	5/24/2006	1,2-Dichloroethane	0.78	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3	5/24/2006	1,2-Dichloropropane	0.69	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3	5/24/2006	1,2-Diphenylhydrazine	75	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3	5/24/2006	1,3,5-Trinitrobenzene	2800	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3	5/24/2006	1,3-Dichlorobenzene	160	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3	5/24/2006	1,3-Dinitrobenzene	82	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3	5/24/2006	1,4-Dichlorobenzene	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3	5/24/2006	1,4-Dioxane	570	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3	5/24/2006	1,4-Naphthoquinone	2600	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3	5/24/2006	1-Naphthylamine	390	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3	5/24/2006	2,3,4,6-Tetrachlorophenol	160	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3	5/24/2006	2,4,5-Trichlorophenol	330	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3	5/24/2006	2,4,6-Trichlorophenol	10000	UG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3	5/24/2006	2,4-Dichlorophenol	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3	5/24/2006	2,4-Dimethylphenol	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3	5/24/2006	2,4-Dinitrophenol	2600	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3	5/24/2006	2,4-Dinitrotoluene	370	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3	5/24/2006	2,6-Dichlorophenol	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3	5/24/2006	2,6-Dinitrotoluene	610	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3	5/24/2006	2-Acetylaminofluorene	200	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3	5/24/2006	2-Chloronaphthalene	130	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3	5/24/2006	2-Chlorophenol	130	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3	5/24/2006	2-Hexanone	3	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3	5/24/2006	2-Methylnaphthalene	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3	5/24/2006	2-Methylphenol (O-Cresol)	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3	5/24/2006	2-Naphthylamine	470	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3	5/24/2006	2-Nitroaniline	160	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3	5/24/2006	2-Nitrophenol	590	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3	5/24/2006	2-Picoline	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3	5/24/2006	3,3'-Dichlorobenzidine	370	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3	5/24/2006	3,3'-Dimethylbenzidine	1100	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3	5/24/2006	3-Methylcholanthrene	97	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3	5/24/2006	3-Nitroaniline	390	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3	5/24/2006	4,6-Dinitro-2-Methylphenol	3100	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3	5/24/2006	4-Aminobiphenyl	1000	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3	5/24/2006	4-Bromophenyl Phenyl Ether	130	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3	5/24/2006	4-Chloro-3-Methylphenol	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3	5/24/2006	4-Chloroaniline	120	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3	5/24/2006	4-Chlorophenyl Phenyl Ether	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3	5/24/2006	4-Dimethylaminoazobenzene	66	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3	5/24/2006	4-Methylphenol (P-Cresol)	1100	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3	5/24/2006	4-Nitroaniline	450	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3	5/24/2006	4-Nitrophenol	3100	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3	5/24/2006	4-Nitroquinoline-N-Oxide	2200	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3	5/24/2006	5-Nitro-Ortho-Toluidine	300	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3	5/24/2006	7,12-Dimethylbenz[A]Anthracene	240	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3	5/24/2006	Acenaphthene	110	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3	5/24/2006	Acenaphthylene	78	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3	5/24/2006	Acetone	43	UG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3	5/24/2006	Acetonitrile	7.8	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3	5/24/2006	Acetophenone	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3	5/24/2006	Acrolein	5.4	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3	5/24/2006	Acrylonitrile	6.6	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3	5/24/2006	Allyl Chloride	0.78	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3	5/24/2006	Alpha,Alpha-Dimethylphenethylamine	3900	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3	5/24/2006	Aniline	260	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3	5/24/2006	Anthracene	76	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3	5/24/2006	Antimony	13.9	MG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3	5/24/2006	Aramite	75	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3	5/24/2006	Arsenic	1.7	MG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3	5/24/2006	Barium	19.8	MG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3	5/24/2006	Benzene	2.5	UG/KG	J	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3	5/24/2006	Benzo(A)Anthracene	110	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3	5/24/2006	Benzo(B)Fluoranthene	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3	5/24/2006	Benzo(G,H,I)Perylene	160	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3	5/24/2006	Benzo(K)Fluoranthene	130	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3	5/24/2006	Benzo[A]Pyrene	75	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3	5/24/2006	Benzyl Alcohol	280	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3	5/24/2006	Beryllium	0.12	MG/KG	B	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3	5/24/2006	Bis(2-Chloro-1-Methylethyl) Ether	190	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3	5/24/2006	Bis(2-Chloroethoxy)Methane	130	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3	5/24/2006	Bis(2-Chloroethyl)Ether	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3	5/24/2006	Bis(2-Ethylhexyl)Phthalate	370	UG/KG	J	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3	5/24/2006	Bromodichloromethane	0.63	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3	5/24/2006	Bromoform	1.1	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3	5/24/2006	Butyl Benzyl Phthalate	310	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3	5/24/2006	Cadmium	0.13	MG/KG	B	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3	5/24/2006	Carbon Disulfide	0.83	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3	5/24/2006	Carbon Tetrachloride	1.2	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3	5/24/2006	Chlorobenzene	0.59	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3	5/24/2006	Chlorobenzilate	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T3	5/24/2006	Chlorodibromomethane	0.66	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3	5/24/2006	Chloroform	0.74	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3	5/24/2006	Chloroprene	1.2	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3	5/24/2006	Biphenyl	510000	UG/KG			Y	Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3	5/24/2006	Chromium	18.3	MG/KG				Y	2.5-3 Feet	FS	Soil	Site Background	42.7
T3	5/24/2006	Chrysene	130	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3	5/24/2006	cis-1,2 Dichloroethene	14	UG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3	5/24/2006	cis-1,3-Dichloropropene	0.59	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3	5/24/2006	Cobalt	1.3	MG/KG	B	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3	5/24/2006	Copper	1.5	MG/KG	B	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3	5/24/2006	Cyanide	290	UG/KG		UJ		N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3	5/24/2006	Diallate	250	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3	5/24/2006	Diphenyl Ether	2200000	UG/KG			Y	Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3	5/24/2006	Dibenz(A,H)Anthracene	160	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3	5/24/2006	Dibenzofuran	1300	UG/KG	J	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3	5/24/2006	Dichlorodifluoromethane	4.8	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3	5/24/2006	Diethyl Phthalate	89	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3	5/24/2006	Diethylene Glycol	2600	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3	5/24/2006	Dimethoate	410	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3	5/24/2006	Dimethyl Phthalate	260	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3	5/24/2006	Dimethyl Terephthalate	270	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3	5/24/2006	Di-N-Butyl Phthalate	2200	UG/KG	J	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3	5/24/2006	Diphenyl Amine	430	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3	5/24/2006	Ethyl Chloride	0.7	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3	5/24/2006	Ethyl Methacrylate	0.81	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3	5/24/2006	Ethyl Methanesulfonate	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3	5/24/2006	Ethylbenzene	9.7	UG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3	5/24/2006	Ethylene Glycol	2400	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3	5/24/2006	Fluoranthene	110	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3	5/24/2006	Fluorene	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3	5/24/2006	Hexachlorobenzene	120	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3	5/24/2006	Hexachlorobutadiene	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3	5/24/2006	Hexachlorocyclopentadiene	3200	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3	5/24/2006	Hexachloroethane	160	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3	5/24/2006	Hexachloropropylene	120	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3	5/24/2006	Indeno (1,2,3-CD) Pyrene	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3	5/24/2006	Iodomethane	0.62	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3	5/24/2006	Isobutyl Alcohol	30	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3	5/24/2006	Isodrin	180	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3	5/24/2006	Isophorone	160	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3	5/24/2006	Isosafrole	98	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3	5/24/2006	Lead	17.9	MG/KG		J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3	5/24/2006	Mercury	1.8	MG/KG	J			Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3	5/24/2006	Methacrylonitrile	6.3	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3	5/24/2006	Methanol	1700	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3	5/24/2006	Methapyrilene	950	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3	5/24/2006	Methyl Bromide	0.66	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3	5/24/2006	Methyl Chloride	0.63	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3	5/24/2006	Methyl Ethyl Ketone	15	UG/KG		J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3	5/24/2006	Methyl Isobutyl Ketone	1.7	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3	5/24/2006	Methyl Methacrylate	0.82	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3	5/24/2006	Methyl Methanesulfonate	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3	5/24/2006	Methylene Bromide	0.9	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3	5/24/2006	Methylene Chloride	0.91	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3	5/24/2006	Naphthalene	550	UG/KG	J	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3	5/24/2006	N-Dioctyl Phthalate	190	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3	5/24/2006	Nickel	3.2	MG/KG	B	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3	5/24/2006	Nitrobenzene	200	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3	5/24/2006	N-Nitroso(Methyl)Ethylamine	290	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3	5/24/2006	N-Nitrosodiethylamine	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3	5/24/2006	N-Nitrosodimethylamine	110	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3	5/24/2006	N-Nitroso-Di-N-Butylamine	200	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3	5/24/2006	N-Nitrosodi-N-Propylamine	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3	5/24/2006	N-Nitrosodiphenylamine	430	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3	5/24/2006	N-Nitrosomorpholine	260	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3	5/24/2006	N-Nitrosopiperidine	130	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3	5/24/2006	N-Nitrosopyrrolidine	120	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3	5/24/2006	O,O,O-Triethylphosphorothioate	300	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3	5/24/2006	O-Toluidine	110	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3	5/24/2006	para-Phenylenediamine	4400	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3	5/24/2006	Pentachlorobenzene	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3	5/24/2006	Pentachloroethane	2.3	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3	5/24/2006	Pentachloronitrobenzene	210	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3	5/24/2006	Pentachlorophenol	2900	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3	5/24/2006	Phenacetin	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3	5/24/2006	Phenanthrene	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3	5/24/2006	Phenol	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3	5/24/2006	Pronamide	170	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3	5/24/2006	Propionitrile	7	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3	5/24/2006	Propylene Glycol	3100	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3	5/24/2006	Pyrene	140	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3	5/24/2006	Pyridine	460	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3	5/24/2006	Safrole	150	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3	5/24/2006	Selenium	0.34	MG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3	5/24/2006	Silver	0.17	MG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3	5/24/2006	Styrene	0.54	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3	5/24/2006	Sulfide	93.8	MG/KG		UJ		N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3	5/24/2006	Terephthalic Acid	5.9	MG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3	5/24/2006	Tetrachloroethene	25	UG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3	5/24/2006	Tetraethyl Dithiopyrophosphate	270	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3	5/24/2006	Thallium	0.28	MG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3	5/24/2006	Thionazin	320	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3	5/24/2006	Tin	1.3	MG/KG	B J	B		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3	5/24/2006	Toluene	0.81	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3	5/24/2006	trans-1,2-Dichloroethene	0.7	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3	5/24/2006	trans-1,3-Dichloropropene	0.64	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3	5/24/2006	trans-1,4-Dichlorobutene-2	2.4	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3	5/24/2006	Trichloroethene	3.9	UG/KG	J	J		Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3	5/24/2006	Trichlorofluoromethane	1	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3	5/24/2006	Triethylene Glycol	3300	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3	5/24/2006	Vanadium	14.4	MG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3	5/24/2006	Vinyl Acetate	1.1	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3	5/24/2006	Vinyl Chloride	0.78	UG/KG				N	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3	5/24/2006	Xylenes	30	UG/KG				Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3	5/24/2006	Zinc	20.6	MG/KG	J			Y	2.5-3 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS1	6/17/2010	1,1,1,2-Tetrachloroethane	0.654	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS1	6/17/2010	1,1,1-Trichloroethane	0.931	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS1	6/17/2010	1,1,2,2-Tetrachloroethane	3.85	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS1	6/17/2010	1,1,2-Trichloroethane	0.634	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS1	6/17/2010	1,1-Dichloroethane	0.752	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS1	6/17/2010	1,1-Dichloroethene	1.04	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS1	6/17/2010	1,2,3-Trichloropropane	2.55	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3-CS1	6/17/2010	1,2,4,5-Tetrachlorobenzene	52.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS1	6/17/2010	1,2,4-Trichlorobenzene	58.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS1	6/17/2010	1,2-Dibromo-3-Chloropropane	5.19	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS1	6/17/2010	1,2-Dibromoethane (EDB)	0.914	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3-CS1	6/17/2010	1,2-Dichlorobenzene	2.07	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS1	6/17/2010	1,2-Dichloroethane	0.929	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS1	6/17/2010	1,2-Dichloropropane	0.822	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS1	6/17/2010	1,2-Diphenylhydrazine	54.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS1	6/17/2010	1,3,5-Trinitrobenzene	272	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS1	6/17/2010	1,3-Dichlorobenzene	1.04	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS1	6/17/2010	1,3-Dinitrobenzene	54.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS1	6/17/2010	1,4-Dichlorobenzene	1.36	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS1	6/17/2010	1,4-Dioxane	32.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS1	6/17/2010	1,4-Naphthoquinone	64	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS1	6/17/2010	1-Naphthylamine	41.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS1	6/17/2010	2,3,4,6-Tetrachlorophenol	29.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS1	6/17/2010	2,4,5-Trichlorophenol	44.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS1	6/17/2010	2,4,6-Trichlorophenol	119	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS1	6/17/2010	2,4-Dichlorophenol	56.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS1	6/17/2010	2,4-Dimethylphenol	102	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS1	6/17/2010	2,4-Dinitrophenol	233	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS1	6/17/2010	2,4-Dinitrotoluene	205	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS1	6/17/2010	2,6-Dichlorophenol	45.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS1	6/17/2010	2,6-Dinitrotoluene	53.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS1	6/17/2010	2-Acetylaminofluorene	41.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS1	6/17/2010	2-Chloronaphthalene	40.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS1	6/17/2010	2-Chlorophenol	37.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS1	6/17/2010	2-Hexanone	3.59	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS1	6/17/2010	2-Methylnaphthalene	41.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3-CS1	6/17/2010	2-Methylphenol (O-Cresol)	51.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS1	6/17/2010	2-Naphthylamine	33.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS1	6/17/2010	2-Nitroaniline	55.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS1	6/17/2010	2-Nitrophenol	81.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS1	6/17/2010	2-Picoline	50.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS1	6/17/2010	3- And 4- Methylphenol	84.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS1	6/17/2010	3,3'-Dichlorobenzidine	31	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS1	6/17/2010	3,3'-Dimethylbenzidine	334	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS1	6/17/2010	3-Methylcholanthrene	30.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS1	6/17/2010	3-Nitroaniline	41.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS1	6/17/2010	4,6-Dinitro-2-Methylphenol	184	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS1	6/17/2010	4-Aminobiphenyl	163	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS1	6/17/2010	4-Bromophenyl Phenyl Ether	39.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS1	6/17/2010	4-Chloro-3-Methylphenol	68.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS1	6/17/2010	4-Chloroaniline	48.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS1	6/17/2010	4-Chlorophenyl Phenyl Ether	33.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS1	6/17/2010	4-Dimethylaminoazobenzene	27.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS1	6/17/2010	4-Nitroaniline	130	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS1	6/17/2010	4-Nitrophenol	196	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS1	6/17/2010	4-Nitroquinoline-N-Oxide	122	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS1	6/17/2010	5-Nitro-Ortho-Toluidine	35	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS1	6/17/2010	7,12-Dimethylbenz[A]Anthracene	37.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS1	6/17/2010	Acenaphthene	45.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS1	6/17/2010	Acenaphthylene	42.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS1	6/17/2010	Acetone	2.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS1	6/17/2010	Acetonitrile	9.34	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS1	6/17/2010	Acetophenone	48	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3-CS1	6/17/2010	Acrolein	6.49	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3-CS1	6/17/2010	Acrylonitrile	7.93	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS1	6/17/2010	Allyl Chloride	0.933	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS1	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	38.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3-CS1	6/17/2010	Aniline	41.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS1	6/17/2010	Anthracene	32.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS1	6/17/2010	Antimony	6.78	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS1	6/17/2010	Aramite	58.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS1	6/17/2010	Arsenic	1.53	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS1	6/17/2010	Barium	10.1	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS1	6/17/2010	Benzene	0.809	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS1	6/17/2010	Benzo(A)Anthracene	25.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS1	6/17/2010	Benzo(B)Fluoranthene	67.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS1	6/17/2010	Benzo(G,H,I)Perylene	34.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS1	6/17/2010	Benzo(K)Fluoranthene	51.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS1	6/17/2010	Benzo[A]Pyrene	29.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS1	6/17/2010	Benzyl Alcohol	108	UG/KG		UJ		N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS1	6/17/2010	Beryllium	0.0851	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS1	6/17/2010	Biphenyl	34.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS1	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	35.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS1	6/17/2010	Bis(2-Chloroethoxy)Methane	42.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS1	6/17/2010	Bis(2-Chloroethyl)Ether	44.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS1	6/17/2010	Bis(2-Ethylhexyl)Phthalate	71.1	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS1	6/17/2010	Bromodichloromethane	0.749	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS1	6/17/2010	Bromoform	1.35	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS1	6/17/2010	Butyl Benzyl Phthalate	33.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS1	6/17/2010	Cadmium	0.0747	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS1	6/17/2010	Carbon Disulfide	0.996	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS1	6/17/2010	Carbon Tetrachloride	1.38	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS1	6/17/2010	Chlorobenzene	0.703	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS1	6/17/2010	Chlorobenzilate	38.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T3-CS1	6/17/2010	Chlorodibromomethane	0.788	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS1	6/17/2010	Chloroform	0.881	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS1	6/17/2010	Chloroprene	1.47	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS1	6/17/2010	Chromium	6.12	MG/KG				Y	3-8 Feet	FS	Soil	Site Background	42.7
T3-CS1	6/17/2010	Chrysene	29.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS1	6/17/2010	cis-1,2 Dichloroethene	0.767	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS1	6/17/2010	cis-1,3-Dichloropropene	0.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS1	6/17/2010	Cobalt	0.262	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS1	6/17/2010	Copper	0.863	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS1	6/17/2010	Cyanide	202	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS1	6/17/2010	Diallate	46.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS1	6/17/2010	Dibenz(A,H)Anthracene	109	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS1	6/17/2010	Dibenzofuran	46.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS1	6/17/2010	Dichlorodifluoromethane	5.69	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS1	6/17/2010	Diethyl Phthalate	27.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS1	6/17/2010	Diethylene Glycol	4640	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS1	6/17/2010	Dimethoate	38.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS1	6/17/2010	Dimethyl Phthalate	31	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS1	6/17/2010	Dimethyl Terephthalate	34.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS1	6/17/2010	Di-N-Butyl Phthalate	32	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS1	6/17/2010	Diphenyl Amine	29.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS1	6/17/2010	Diphenyl Ether	701	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS1	6/17/2010	Ethyl Chloride	0.842	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS1	6/17/2010	Ethyl Methacrylate	0.972	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS1	6/17/2010	Ethyl Methanesulfonate	54	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS1	6/17/2010	Ethylbenzene	1.03	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3-CS1	6/17/2010	Ethylene Glycol	4920	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS1	6/17/2010	Fluoranthene	31.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS1	6/17/2010	Fluorene	30	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS1	6/17/2010	Hexachlorobenzene	36.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS1	6/17/2010	Hexachlorobutadiene	52.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS1	6/17/2010	Hexachlorocyclopentadiene	220	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS1	6/17/2010	Hexachloroethane	56	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS1	6/17/2010	Hexachloropropylene	104	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS1	6/17/2010	Indeno (1,2,3-CD) Pyrene	67	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS1	6/17/2010	Iodomethane	0.743	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS1	6/17/2010	Isobutyl Alcohol	35.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS1	6/17/2010	Isodrin	37.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS1	6/17/2010	Isophorone	55.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS1	6/17/2010	Isosafrole	50.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS1	6/17/2010	Lead	6.91	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02

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Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS1	6/17/2010	Mercury	0.592	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS1	6/17/2010	Methacrylonitrile	7.53	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS1	6/17/2010	Methanol	1950	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS1	6/17/2010	Methapyrilene	79.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS1	6/17/2010	Methyl Bromide	0.793	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS1	6/17/2010	Methyl Chloride	0.751	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS1	6/17/2010	Methyl Ethyl Ketone	2.21	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS1	6/17/2010	Methyl Isobutyl Ketone	2.03	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS1	6/17/2010	Methyl Methacrylate	0.976	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS1	6/17/2010	Methyl Methanesulfonate	54.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS1	6/17/2010	Methylene Bromide	1.07	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS1	6/17/2010	Methylene Chloride	1.09	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS1	6/17/2010	Naphthalene	41.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS1	6/17/2010	N-Dioctyl Phthalate	157	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS1	6/17/2010	Nickel	1.16	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS1	6/17/2010	Nitrobenzene	63.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS1	6/17/2010	N-Nitroso(Methyl)Ethylamine	45.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS1	6/17/2010	N-Nitrosodiethylamine	43.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS1	6/17/2010	N-Nitrosodimethylamine	45	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS1	6/17/2010	N-Nitroso-Di-N-Butylamine	51.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS1	6/17/2010	N-Nitrosodi-N-Propylamine	31.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS1	6/17/2010	N-Nitrosodiphenylamine	29.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3-CS1	6/17/2010	N-Nitrosomorpholine	40.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS1	6/17/2010	N-Nitrosopiperidine	48.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS1	6/17/2010	N-Nitrosopyrrolidine	33.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS1	6/17/2010	O,O,O-Triethylphosphorothioate	36	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3-CS1	6/17/2010	O-Toluidine	57.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS1	6/17/2010	para-Phenylenediamine	168	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS1	6/17/2010	Pentachlorobenzene	44.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS1	6/17/2010	Pentachloroethane	2.78	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS1	6/17/2010	Pentachloronitrobenzene	104	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS1	6/17/2010	Pentachlorophenol	65.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS1	6/17/2010	Phenacetin	77.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS1	6/17/2010	Phenanthrene	28.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS1	6/17/2010	Phenol	42.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS1	6/17/2010	Pronamide	195	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS1	6/17/2010	Propionitrile	8.41	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS1	6/17/2010	Propylene Glycol	7980	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS1	6/17/2010	Pyrene	30.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS1	6/17/2010	Pyridine	50.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3-CS1	6/17/2010	Safrole	43.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS1	6/17/2010	Selenium	0.312	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS1	6/17/2010	Silver	0.611	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS1	6/17/2010	Styrene	0.641	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3-CS1	6/17/2010	Sulfide	103	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS1	6/17/2010	Terephthalic Acid	6.58	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS1	6/17/2010	Tetrachloroethene	1.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS1	6/17/2010	Tetraethyl Dithiopyrophosphate	41.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS1	6/17/2010	Thallium	0.863	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS1	6/17/2010	Thionazin	40.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS1	6/17/2010	Tin	1.34	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS1	6/17/2010	Toluene	0.972	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS1	6/17/2010	trans-1,2-Dichloroethene	0.836	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS1	6/17/2010	trans-1,3-Dichloropropene	0.77	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS1	6/17/2010	trans-1,4-Dichlorobutene-2	2.92	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS1	6/17/2010	Trichloroethene	1.14	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS1	6/17/2010	Trichlorofluoromethane	1.25	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS1	6/17/2010	Triethylene Glycol	5540	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS1	6/17/2010	Vanadium	6.62	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS1	6/17/2010	Vinyl Acetate	1.29	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS1	6/17/2010	Vinyl Chloride	0.927	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS1	6/17/2010	Xylenes	2.54	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS1	6/17/2010	Zinc	8.51	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS2	6/17/2010	1,1,1,2-Tetrachloroethane	0.597	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS2	6/17/2010	1,1,1-Trichloroethane	0.85	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS2	6/17/2010	1,1,2,2-Tetrachloroethane	3.51	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS2	6/17/2010	1,1,2-Trichloroethane	0.579	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS2	6/17/2010	1,1-Dichloroethane	0.687	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS2	6/17/2010	1,1-Dichloroethene	0.95	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS2	6/17/2010	1,2,3-Trichloropropane	2.33	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3-CS2	6/17/2010	1,2,4,5-Tetrachlorobenzene	51.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS2	6/17/2010	1,2,4-Trichlorobenzene	57.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS2	6/17/2010	1,2-Dibromo-3-Chloropropane	4.74	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS2	6/17/2010	1,2-Dibromoethane (EDB)	0.834	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3-CS2	6/17/2010	1,2-Dichlorobenzene	1.89	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS2	6/17/2010	1,2-Dichloroethane	0.848	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS2	6/17/2010	1,2-Dichloropropane	0.751	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS2	6/17/2010	1,2-Diphenylhydrazine	54.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS2	6/17/2010	1,3,5-Trinitrobenzene	269	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS2	6/17/2010	1,3-Dichlorobenzene	0.951	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS2	6/17/2010	1,3-Dinitrobenzene	53.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS2	6/17/2010	1,4-Dichlorobenzene	1.24	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS2	6/17/2010	1,4-Dioxane	32	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS2	6/17/2010	1,4-Naphthoquinone	63.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS2	6/17/2010	1-Naphthylamine	41.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS2	6/17/2010	2,3,4,6-Tetrachlorophenol	29.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3-CS2	6/17/2010	2,4,5-Trichlorophenol	44	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS2	6/17/2010	2,4,6-Trichlorophenol	56.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS2	6/17/2010	2,4-Dichlorophenol	55.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS2	6/17/2010	2,4-Dimethylphenol	101	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS2	6/17/2010	2,4-Dinitrophenol	230	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS2	6/17/2010	2,4-Dinitrotoluene	202	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS2	6/17/2010	2,6-Dichlorophenol	45.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS2	6/17/2010	2,6-Dinitrotoluene	52.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS2	6/17/2010	2-Acetylaminofluorene	40.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS2	6/17/2010	2-Chloronaphthalene	40.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS2	6/17/2010	2-Chlorophenol	37.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS2	6/17/2010	2-Hexanone	3.28	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS2	6/17/2010	2-Methylnaphthalene	41.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3-CS2	6/17/2010	2-Methylphenol (O-Cresol)	51.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS2	6/17/2010	2-Naphthylamine	32.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS2	6/17/2010	2-Nitroaniline	54.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS2	6/17/2010	2-Nitrophenol	80.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS2	6/17/2010	2-Picoline	50	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS2	6/17/2010	3- And 4- Methylphenol	83.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS2	6/17/2010	3,3'-Dichlorobenzidine	30.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS2	6/17/2010	3,3'-Dimethylbenzidine	330	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS2	6/17/2010	3-Methylcholanthrene	30.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS2	6/17/2010	3-Nitroaniline	41	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS2	6/17/2010	4,6-Dinitro-2-Methylphenol	182	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS2	6/17/2010	4-Aminobiphenyl	161	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS2	6/17/2010	4-Bromophenyl Phenyl Ether	38.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS2	6/17/2010	4-Chloro-3-Methylphenol	67.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS2	6/17/2010	4-Chloroaniline	48.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS2	6/17/2010	4-Chlorophenyl Phenyl Ether	32.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS2	6/17/2010	4-Dimethylaminoazobenzene	26.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS2	6/17/2010	4-Nitroaniline	128	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS2	6/17/2010	4-Nitrophenol	194	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS2	6/17/2010	4-Nitroquinoline-N-Oxide	120	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS2	6/17/2010	5-Nitro-Ortho-Toluidine	34.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS2	6/17/2010	7,12-Dimethylbenz[A]Anthracene	36.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS2	6/17/2010	Acenaphthene	44.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS2	6/17/2010	Acenaphthylene	42.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS2	6/17/2010	Acetone	1.92	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS2	6/17/2010	Acetonitrile	8.52	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS2	6/17/2010	Acetophenone	47.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3-CS2	6/17/2010	Acrolein	5.93	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3-CS2	6/17/2010	Acrylonitrile	7.24	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS2	6/17/2010	Allyl Chloride	0.852	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS2	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	37.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3-CS2	6/17/2010	Aniline	40.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS2	6/17/2010	Anthracene	31.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS2	6/17/2010	Antimony	0.578	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS2	6/17/2010	Aramite	58.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS2	6/17/2010	Arsenic	1.04	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS2	6/17/2010	Barium	16.1	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS2	6/17/2010	Benzene	0.739	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS2	6/17/2010	Benzo(A)Anthracene	25.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS2	6/17/2010	Benzo(B)Fluoranthene	67	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS2	6/17/2010	Benzo(G,H,I)Perylene	34.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS2	6/17/2010	Benzo(K)Fluoranthene	51	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS2	6/17/2010	Benzo[A]Pyrene	29.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS2	6/17/2010	Benzyl Alcohol	107	UG/KG		UJ		N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS2	6/17/2010	Beryllium	0.0766	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS2	6/17/2010	Biphenyl	34	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS2	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	35	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS2	6/17/2010	Bis(2-Chloroethoxy)Methane	41.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS2	6/17/2010	Bis(2-Chloroethyl)Ether	44	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS2	6/17/2010	Bis(2-Ethylhexyl)Phthalate	68.3	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS2	6/17/2010	Bromodichloromethane	0.683	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS2	6/17/2010	Bromoform	1.23	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS2	6/17/2010	Butyl Benzyl Phthalate	33.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS2	6/17/2010	Cadmium	0.0673	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS2	6/17/2010	Carbon Disulfide	0.909	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS2	6/17/2010	Carbon Tetrachloride	1.26	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS2	6/17/2010	Chlorobenzene	0.642	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS2	6/17/2010	Chlorobenzilate	37.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T3-CS2	6/17/2010	Chlorodibromomethane	0.72	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS2	6/17/2010	Chloroform	0.805	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS2	6/17/2010	Chloroprene	1.34	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS2	6/17/2010	Chromium	11.4	MG/KG				Y	3-8 Feet	FS	Soil	Site Background	42.7
T3-CS2	6/17/2010	Chrysene	29	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS2	6/17/2010	cis-1,2 Dichloroethene	0.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS2	6/17/2010	cis-1,3-Dichloropropene	0.639	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS2	6/17/2010	Cobalt	0.235	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS2	6/17/2010	Copper	0.649	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS2	6/17/2010	Cyanide	200	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS2	6/17/2010	Diallate	45.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS2	6/17/2010	Dibenz(A,H)Anthracene	108	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS2	6/17/2010	Dibenzofuran	46.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS2	6/17/2010	Dichlorodifluoromethane	5.19	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS2	6/17/2010	Diethyl Phthalate	27.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS2	6/17/2010	Diethylene Glycol	4600	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS2	6/17/2010	Dimethoate	37.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS2	6/17/2010	Dimethyl Phthalate	30.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS2	6/17/2010	Dimethyl Terephthalate	33.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS2	6/17/2010	Di-N-Butyl Phthalate	31.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS2	6/17/2010	Diphenyl Amine	29.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS2	6/17/2010	Diphenyl Ether	34.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS2	6/17/2010	Ethyl Chloride	0.768	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS2	6/17/2010	Ethyl Methacrylate	0.887	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS2	6/17/2010	Ethyl Methanesulfonate	53.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS2	6/17/2010	Ethylbenzene	0.938	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3-CS2	6/17/2010	Ethylene Glycol	4870	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS2	6/17/2010	Fluoranthene	31.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS2	6/17/2010	Fluorene	29.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS2	6/17/2010	Hexachlorobenzene	36	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS2	6/17/2010	Hexachlorobutadiene	52.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS2	6/17/2010	Hexachlorocyclopentadiene	217	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS2	6/17/2010	Hexachloroethane	55.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS2	6/17/2010	Hexachloropropylene	102	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS2	6/17/2010	Indeno (1,2,3-CD) Pyrene	66.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS2	6/17/2010	Iodomethane	0.678	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS2	6/17/2010	Isobutyl Alcohol	32.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS2	6/17/2010	Isodrin	37.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS2	6/17/2010	Isophorone	54.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS2	6/17/2010	Isosafrole	49.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS2	6/17/2010	Lead	6.19	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3-CS2	6/17/2010	Mercury	0.0463	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS2	6/17/2010	Methacrylonitrile	6.88	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS2	6/17/2010	Methanol	1940	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS2	6/17/2010	Methapyrilene	78.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS2	6/17/2010	Methyl Bromide	0.724	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS2	6/17/2010	Methyl Chloride	0.686	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS2	6/17/2010	Methyl Ethyl Ketone	2.02	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS2	6/17/2010	Methyl Isobutyl Ketone	1.86	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS2	6/17/2010	Methyl Methacrylate	0.891	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS2	6/17/2010	Methyl Methanesulfonate	54.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS2	6/17/2010	Methylene Bromide	0.978	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS2	6/17/2010	Methylene Chloride	0.995	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS2	6/17/2010	Naphthalene	40.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS2	6/17/2010	N-Dioctyl Phthalate	155	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS2	6/17/2010	Nickel	2.3	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS2	6/17/2010	Nitrobenzene	63.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS2	6/17/2010	N-Nitroso(Methyl)Ethylamine	44.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS2	6/17/2010	N-Nitrosodiethylamine	42.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS2	6/17/2010	N-Nitrosodimethylamine	44.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS2	6/17/2010	N-Nitroso-Di-N-Butylamine	50.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS2	6/17/2010	N-Nitrosodi-N-Propylamine	31.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS2	6/17/2010	N-Nitrosodiphenylamine	29.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3-CS2	6/17/2010	N-Nitrosomorpholine	40.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS2	6/17/2010	N-Nitrosopiperidine	48	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS2	6/17/2010	N-Nitrosopyrrolidine	32.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS2	6/17/2010	O,O,O-Triethylphosphorothioate	35.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS2	6/17/2010	O-Toluidine	57	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS2	6/17/2010	para-Phenylenediamine	166	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS2	6/17/2010	Pentachlorobenzene	43.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS2	6/17/2010	Pentachloroethane	2.54	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS2	6/17/2010	Pentachloronitrobenzene	102	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS2	6/17/2010	Pentachlorophenol	64.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS2	6/17/2010	Phenacetin	76.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS2	6/17/2010	Phenanthrene	28.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS2	6/17/2010	Phenol	42.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS2	6/17/2010	Pronamide	193	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS2	6/17/2010	Propionitrile	7.68	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS2	6/17/2010	Propylene Glycol	7910	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS2	6/17/2010	Pyrene	29.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS2	6/17/2010	Pyridine	49.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3-CS2	6/17/2010	Safrole	43	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS2	6/17/2010	Selenium	0.281	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS2	6/17/2010	Silver	0.55	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS2	6/17/2010	Styrene	0.585	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3-CS2	6/17/2010	Sulfide	102	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS2	6/17/2010	Terephthalic Acid	6.5	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS2	6/17/2010	Tetrachloroethene	1.74	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS2	6/17/2010	Tetraethyl Dithiopyrophosphate	41.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS2	6/17/2010	Thallium	0.777	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS2	6/17/2010	Thionazin	39.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS2	6/17/2010	Tin	1.21	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS2	6/17/2010	Toluene	0.887	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS2	6/17/2010	trans-1,2-Dichloroethene	0.763	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS2	6/17/2010	trans-1,3-Dichloropropene	0.703	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS2	6/17/2010	trans-1,4-Dichlorobutene-2	2.66	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS2	6/17/2010	Trichloroethene	1.04	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3-CS2	6/17/2010	Trichlorofluoromethane	1.14	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS2	6/17/2010	Triethylene Glycol	5490	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS2	6/17/2010	Vanadium	18.5	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS2	6/17/2010	Vinyl Acetate	1.18	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS2	6/17/2010	Vinyl Chloride	0.847	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS2	6/17/2010	Xylenes	2.32	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS2	6/17/2010	Zinc	10.2	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS3	6/17/2010	1,1,1,2-Tetrachloroethane	0.582	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS3	6/17/2010	1,1,1-Trichloroethane	0.828	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS3	6/17/2010	1,1,2,2-Tetrachloroethane	3.42	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS3	6/17/2010	1,1,2-Trichloroethane	0.564	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS3	6/17/2010	1,1-Dichloroethane	0.669	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS3	6/17/2010	1,1-Dichloroethene	0.926	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS3	6/17/2010	1,2,3-Trichloropropane	2.27	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3-CS3	6/17/2010	1,2,4,5-Tetrachlorobenzene	52.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS3	6/17/2010	1,2,4-Trichlorobenzene	58.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS3	6/17/2010	1,2-Dibromo-3-Chloropropane	4.62	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS3	6/17/2010	1,2-Dibromoethane (EDB)	0.813	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3-CS3	6/17/2010	1,2-Dichlorobenzene	1.85	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS3	6/17/2010	1,2-Dichloroethane	0.826	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS3	6/17/2010	1,2-Dichloropropane	0.732	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS3	6/17/2010	1,2-Diphenylhydrazine	96.9	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS3	6/17/2010	1,3,5-Trinitrobenzene	274	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS3	6/17/2010	1,3-Dichlorobenzene	0.927	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS3	6/17/2010	1,3-Dinitrobenzene	54.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS3	6/17/2010	1,4-Dichlorobenzene	1.21	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS3	6/17/2010	1,4-Dioxane	32.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS3	6/17/2010	1,4-Naphthoquinone	64.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS3	6/17/2010	1-Naphthylamine	41.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS3	6/17/2010	2,3,4,6-Tetrachlorophenol	29.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3-CS3	6/17/2010	2,4,5-Trichlorophenol	44.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS3	6/17/2010	2,4,6-Trichlorophenol	939	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS3	6/17/2010	2,4-Dichlorophenol	56.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS3	6/17/2010	2,4-Dimethylphenol	103	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS3	6/17/2010	2,4-Dinitrophenol	234	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS3	6/17/2010	2,4-Dinitrotoluene	206	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS3	6/17/2010	2,6-Dichlorophenol	46.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS3	6/17/2010	2,6-Dinitrotoluene	53.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS3	6/17/2010	2-Acetylaminofluorene	41.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS3	6/17/2010	2-Chloronaphthalene	40.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS3	6/17/2010	2-Chlorophenol	38.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS3	6/17/2010	2-Hexanone	3.19	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS3	6/17/2010	2-Methylnaphthalene	91.9	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3-CS3	6/17/2010	2-Methylphenol (O-Cresol)	52.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS3	6/17/2010	2-Naphthylamine	33.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS3	6/17/2010	2-Nitroaniline	55.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS3	6/17/2010	2-Nitrophenol	82.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS3	6/17/2010	2-Picoline	51	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS3	6/17/2010	3- And 4- Methylphenol	84.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS3	6/17/2010	3,3'-Dichlorobenzidine	31.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS3	6/17/2010	3,3'-Dimethylbenzidine	336	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS3	6/17/2010	3-Methylcholanthrene	30.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS3	6/17/2010	3-Nitroaniline	41.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS3	6/17/2010	4,6-Dinitro-2-Methylphenol	185	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS3	6/17/2010	4-Aminobiphenyl	164	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS3	6/17/2010	4-Bromophenyl Phenyl Ether	39.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS3	6/17/2010	4-Chloro-3-Methylphenol	69	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS3	6/17/2010	4-Chloroaniline	49	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS3	6/17/2010	4-Chlorophenyl Phenyl Ether	33.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS3	6/17/2010	4-Dimethylaminoazobenzene	27.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS3	6/17/2010	4-Nitroaniline	131	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS3	6/17/2010	4-Nitrophenol	197	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS3	6/17/2010	4-Nitroquinoline-N-Oxide	122	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS3	6/17/2010	5-Nitro-Ortho-Toluidine	35.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS3	6/17/2010	7,12-Dimethylbenz[A]Anthracene	37.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS3	6/17/2010	Acenaphthene	45.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS3	6/17/2010	Acenaphthylene	42.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS3	6/17/2010	Acetone	64.7	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS3	6/17/2010	Acetonitrile	8.31	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS3	6/17/2010	Acetophenone	48.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3-CS3	6/17/2010	Acrolein	5.78	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3-CS3	6/17/2010	Acrylonitrile	7.06	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS3	6/17/2010	Allyl Chloride	0.831	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS3	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	38.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3-CS3	6/17/2010	Aniline	41.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS3	6/17/2010	Anthracene	32.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS3	6/17/2010	Antimony	11.7	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS3	6/17/2010	Aramite	59.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS3	6/17/2010	Barium	136	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS3	6/17/2010	Benzene	1.02	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS3	6/17/2010	Benzo(A)Anthracene	26	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS3	6/17/2010	Benzo(B)Fluoranthene	68.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS3	6/17/2010	Benzo(G,H,I)Perylene	35.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS3	6/17/2010	Benzo(K)Fluoranthene	51.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS3	6/17/2010	Benzo[A]Pyrene	29.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS3	6/17/2010	Benzyl Alcohol	109	UG/KG		UJ		N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS3	6/17/2010	Beryllium	0.33	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS3	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	35.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS3	6/17/2010	Bis(2-Chloroethoxy)Methane	42.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS3	6/17/2010	Bis(2-Chloroethyl)Ether	44.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS3	6/17/2010	Bis(2-Ethylhexyl)Phthalate	68.3	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS3	6/17/2010	Bromodichloromethane	0.666	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS3	6/17/2010	Bromoform	1.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS3	6/17/2010	Butyl Benzyl Phthalate	34.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS3	6/17/2010	Cadmium	0.066	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS3	6/17/2010	Carbon Disulfide	0.886	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS3	6/17/2010	Carbon Tetrachloride	1.22	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS3	6/17/2010	Chlorobenzene	0.625	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS3	6/17/2010	Chlorobenzilate	38.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T3-CS3	6/17/2010	Chlorodibromomethane	0.702	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS3	6/17/2010	Chloroform	0.784	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS3	6/17/2010	Chloroprene	1.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS3	6/17/2010	Chromium	18	MG/KG				Y	3-8 Feet	FS	Soil	Site Background	42.7
T3-CS3	6/17/2010	Chrysene	29.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS3	6/17/2010	cis-1,2 Dichloroethene	0.682	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS3	6/17/2010	cis-1,3-Dichloropropene	0.623	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS3	6/17/2010	Cobalt	0.231	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS3	6/17/2010	Copper	0.637	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS3	6/17/2010	Cyanide	203	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS3	6/17/2010	Diallate	46.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS3	6/17/2010	Arsenic	3.29	MG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS3	6/17/2010	Biphenyl	127000	UG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS3	6/17/2010	Diphenyl Ether	268000	UG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS3	6/17/2010	Dibenz(A,H)Anthracene	110	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS3	6/17/2010	Dibenzofuran	627	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS3	6/17/2010	Dichlorodifluoromethane	5.06	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS3	6/17/2010	Diethyl Phthalate	28.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS3	6/17/2010	Diethylene Glycol	4680	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS3	6/17/2010	Dimethoate	38.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS3	6/17/2010	Dimethyl Phthalate	31.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS3	6/17/2010	Dimethyl Terephthalate	34.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS3	6/17/2010	Di-N-Butyl Phthalate	35.7	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS3	6/17/2010	Diphenyl Amine	29.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS3	6/17/2010	Ethyl Chloride	0.749	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS3	6/17/2010	Ethyl Methacrylate	0.865	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS3	6/17/2010	Ethyl Methanesulfonate	54.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS3	6/17/2010	Ethylbenzene	5.59	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3-CS3	6/17/2010	Ethylene Glycol	4950	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS3	6/17/2010	Fluoranthene	31.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS3	6/17/2010	Fluorene	30.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS3	6/17/2010	Hexachlorobenzene	36.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS3	6/17/2010	Hexachlorobutadiene	53	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS3	6/17/2010	Hexachlorocyclopentadiene	221	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS3	6/17/2010	Hexachloroethane	56.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS3	6/17/2010	Hexachloropropylene	104	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS3	6/17/2010	Indeno (1,2,3-CD) Pyrene	67.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS3	6/17/2010	Iodomethane	0.661	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS3	6/17/2010	Isobutyl Alcohol	31.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS3	6/17/2010	Isodrin	38	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS3	6/17/2010	Isophorone	55.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS3	6/17/2010	Isosafrole	50.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS3	6/17/2010	Lead	20.1	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3-CS3	6/17/2010	Mercury	0.0907	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS3	6/17/2010	Methacrylonitrile	6.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS3	6/17/2010	Methanol	1970	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS3	6/17/2010	Methapyrilene	79.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS3	6/17/2010	Methyl Bromide	0.706	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS3	6/17/2010	Methyl Chloride	0.668	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS3	6/17/2010	Methyl Ethyl Ketone	7.51	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS3	6/17/2010	Methyl Isobutyl Ketone	1.81	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS3	6/17/2010	Methyl Methacrylate	0.868	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS3	6/17/2010	Methyl Methanesulfonate	55.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS3	6/17/2010	Methylene Bromide	0.953	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS3	6/17/2010	Methylene Chloride	0.97	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS3	6/17/2010	Naphthalene	41.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS3	6/17/2010	N-Dioctyl Phthalate	158	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS3	6/17/2010	Nickel	2.54	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS3	6/17/2010	Nitrobenzene	64.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS3	6/17/2010	N-Nitroso(Methyl)Ethylamine	45.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS3	6/17/2010	N-Nitrosodiethylamine	43.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS3	6/17/2010	N-Nitrosodimethylamine	45.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS3	6/17/2010	N-Nitroso-Di-N-Butylamine	51.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS3	6/17/2010	N-Nitrosodi-N-Propylamine	31.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS3	6/17/2010	N-Nitrosodiphenylamine	29.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3-CS3	6/17/2010	N-Nitrosomorpholine	40.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS3	6/17/2010	N-Nitrosopiperidine	48.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS3	6/17/2010	N-Nitrosopyrrolidine	33.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS3	6/17/2010	O,O,O-Triethylphosphorothioate	36.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3-CS3	6/17/2010	O-Toluidine	58.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS3	6/17/2010	para-Phenylenediamine	169	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS3	6/17/2010	Pentachlorobenzene	44.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS3	6/17/2010	Pentachloroethane	2.47	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS3	6/17/2010	Pentachloronitrobenzene	104	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS3	6/17/2010	Pentachlorophenol	65.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS3	6/17/2010	Phenacetin	77.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS3	6/17/2010	Phenanthrene	28.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS3	6/17/2010	Phenol	42.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS3	6/17/2010	Pronamide	196	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS3	6/17/2010	Propionitrile	7.49	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS3	6/17/2010	Propylene Glycol	8040	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS3	6/17/2010	Pyrene	30.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS3	6/17/2010	Pyridine	50.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3-CS3	6/17/2010	Safrole	43.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS3	6/17/2010	Selenium	0.45	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS3	6/17/2010	Silver	0.539	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS3	6/17/2010	Styrene	0.571	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3-CS3	6/17/2010	Sulfide	103	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS3	6/17/2010	Terephthalic Acid	54.3	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS3	6/17/2010	Tetrachloroethene	69.4	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS3	6/17/2010	Tetraethyl Dithiopyrophosphate	41.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS3	6/17/2010	Thallium	0.922	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS3	6/17/2010	Thionazin	40.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS3	6/17/2010	Tin	1.39	MG/KG	J, B	B		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS3	6/17/2010	Toluene	1.64	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS3	6/17/2010	trans-1,2-Dichloroethene	0.744	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS3	6/17/2010	trans-1,3-Dichloropropene	0.686	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS3	6/17/2010	trans-1,4-Dichlorobutene-2	2.59	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS3	6/17/2010	Trichloroethene	1.94	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3-CS3	6/17/2010	Trichlorofluoromethane	1.11	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS3	6/17/2010	Triethylene Glycol	5580	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS3	6/17/2010	Vanadium	23.1	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS3	6/17/2010	Vinyl Acetate	1.15	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS3	6/17/2010	Vinyl Chloride	0.825	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS3	6/17/2010	Xylenes	66.4	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS3	6/17/2010	Zinc	7.12	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS4	6/17/2010	1,1,1,2-Tetrachloroethane	0.636	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS4	6/17/2010	1,1,1-Trichloroethane	0.905	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS4	6/17/2010	1,1,2,2-Tetrachloroethane	3.74	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS4	6/17/2010	1,1,2-Trichloroethane	0.616	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS4	6/17/2010	1,1-Dichloroethane	0.731	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS4	6/17/2010	1,1-Dichloroethene	1.01	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS4	6/17/2010	1,2,3-Trichloropropane	2.48	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3-CS4	6/17/2010	1,2,4,5-Tetrachlorobenzene	50.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS4	6/17/2010	1,2,4-Trichlorobenzene	56.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS4	6/17/2010	1,2-Dibromo-3-Chloropropane	5.04	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS4	6/17/2010	1,2-Dibromoethane (EDB)	0.888	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3-CS4	6/17/2010	1,2-Dichlorobenzene	2.02	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS4	6/17/2010	1,2-Dichloroethane	0.902	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS4	6/17/2010	1,2-Dichloropropane	0.799	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS4	6/17/2010	1,2-Diphenylhydrazine	53.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS4	6/17/2010	1,3,5-Trinitrobenzene	264	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS4	6/17/2010	1,3-Dichlorobenzene	1.01	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS4	6/17/2010	1,3-Dinitrobenzene	52.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS4	6/17/2010	1,4-Dichlorobenzene	1.32	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS4	6/17/2010	1,4-Dioxane	31.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS4	6/17/2010	1,4-Naphthoquinone	62	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS4	6/17/2010	1-Naphthylamine	40.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS4	6/17/2010	2,3,4,6-Tetrachlorophenol	28.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3-CS4	6/17/2010	2,4,5-Trichlorophenol	43.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS4	6/17/2010	2,4,6-Trichlorophenol	55.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS4	6/17/2010	2,4-Dichlorophenol	54.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS4	6/17/2010	2,4-Dimethylphenol	99.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS4	6/17/2010	2,4-Dinitrophenol	226	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS4	6/17/2010	2,4-Dinitrotoluene	198	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS4	6/17/2010	2,6-Dichlorophenol	44.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS4	6/17/2010	2,6-Dinitrotoluene	51.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS4	6/17/2010	2-Acetylaminofluorene	40.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS4	6/17/2010	2-Chloronaphthalene	39.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS4	6/17/2010	2-Chlorophenol	36.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS4	6/17/2010	2-Hexanone	3.49	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS4	6/17/2010	2-Methylnaphthalene	40.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3-CS4	6/17/2010	2-Methylphenol (O-Cresol)	50.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS4	6/17/2010	2-Naphthylamine	32.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS4	6/17/2010	2-Nitroaniline	53.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS4	6/17/2010	2-Nitrophenol	79.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS4	6/17/2010	2-Picoline	49.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS4	6/17/2010	3- And 4- Methylphenol	81.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS4	6/17/2010	3,3'-Dichlorobenzidine	30.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS4	6/17/2010	3,3'-Dimethylbenzidine	324	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS4	6/17/2010	3-Methylcholanthrene	29.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS4	6/17/2010	3-Nitroaniline	40.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS4	6/17/2010	4,6-Dinitro-2-Methylphenol	179	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS4	6/17/2010	4-Aminobiphenyl	158	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS4	6/17/2010	4-Bromophenyl Phenyl Ether	38.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS4	6/17/2010	4-Chloro-3-Methylphenol	66.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS4	6/17/2010	4-Chloroaniline	47.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS4	6/17/2010	4-Chlorophenyl Phenyl Ether	32.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS4	6/17/2010	4-Dimethylaminoazobenzene	26.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS4	6/17/2010	4-Nitroaniline	126	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS4	6/17/2010	4-Nitrophenol	190	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS4	6/17/2010	4-Nitroquinoline-N-Oxide	118	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS4	6/17/2010	5-Nitro-Ortho-Toluidine	33.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS4	6/17/2010	7,12-Dimethylbenz[A]Anthracene	36.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS4	6/17/2010	Acenaphthene	43.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS4	6/17/2010	Acenaphthylene	41.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS4	6/17/2010	Acetone	32.4	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS4	6/17/2010	Acetonitrile	9.07	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS4	6/17/2010	Acetophenone	46.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3-CS4	6/17/2010	Acrolein	6.31	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3-CS4	6/17/2010	Acrylonitrile	7.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS4	6/17/2010	Allyl Chloride	0.907	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS4	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	37	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3-CS4	6/17/2010	Aniline	39.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS4	6/17/2010	Anthracene	31.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS4	6/17/2010	Antimony	0.618	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS4	6/17/2010	Aramite	57.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS4	6/17/2010	Arsenic	1.53	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS4	6/17/2010	Barium	20.1	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS4	6/17/2010	Benzene	1.43	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS4	6/17/2010	Benzo(A)Anthracene	25.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS4	6/17/2010	Benzo(B)Fluoranthene	65.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS4	6/17/2010	Benzo(G,H,I)Perylene	33.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS4	6/17/2010	Benzo(K)Fluoranthene	50.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS4	6/17/2010	Benzo[A]Pyrene	28.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS4	6/17/2010	Benzyl Alcohol	105	UG/KG		UJ		N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS4	6/17/2010	Beryllium	0.186	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS4	6/17/2010	Biphenyl	274	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS4	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	34.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS4	6/17/2010	Bis(2-Chloroethoxy)Methane	41	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS4	6/17/2010	Bis(2-Chloroethyl)Ether	43.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS4	6/17/2010	Bis(2-Ethylhexyl)Phthalate	71.6	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS4	6/17/2010	Bromodichloromethane	0.727	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS4	6/17/2010	Bromoform	1.31	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS4	6/17/2010	Butyl Benzyl Phthalate	32.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS4	6/17/2010	Cadmium	0.0719	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS4	6/17/2010	Carbon Disulfide	0.968	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS4	6/17/2010	Carbon Tetrachloride	1.34	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS4	6/17/2010	Chlorobenzene	0.683	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS4	6/17/2010	Chlorobenzilate	37	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T3-CS4	6/17/2010	Chlorodibromomethane	0.766	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS4	6/17/2010	Chloroform	0.856	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS4	6/17/2010	Chloroprene	1.42	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS4	6/17/2010	Chromium	33.8	MG/KG				Y	3-8 Feet	FS	Soil	Site Background	42.7
T3-CS4	6/17/2010	Chrysene	28.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS4	6/17/2010	cis-1,2 Dichloroethene	0.745	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS4	6/17/2010	cis-1,3-Dichloropropene	0.681	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS4	6/17/2010	Cobalt	0.252	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS4	6/17/2010	Copper	1.13	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS4	6/17/2010	Cyanide	196	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS4	6/17/2010	Diallate	45	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS4	6/17/2010	Dibenz(A,H)Anthracene	106	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS4	6/17/2010	Dibenzofuran	45.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS4	6/17/2010	Dichlorodifluoromethane	5.53	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS4	6/17/2010	Diethyl Phthalate	27.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS4	6/17/2010	Diethylene Glycol	4520	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS4	6/17/2010	Dimethoate	37.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS4	6/17/2010	Dimethyl Phthalate	30	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS4	6/17/2010	Dimethyl Terephthalate	33.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS4	6/17/2010	Di-N-Butyl Phthalate	31	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS4	6/17/2010	Diphenyl Amine	28.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS4	6/17/2010	Diphenyl Ether	740	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS4	6/17/2010	Ethyl Chloride	0.818	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS4	6/17/2010	Ethyl Methacrylate	0.944	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS4	6/17/2010	Ethyl Methanesulfonate	52.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS4	6/17/2010	Ethylbenzene	0.998	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3-CS4	6/17/2010	Ethylene Glycol	4790	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS4	6/17/2010	Fluoranthene	30.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS4	6/17/2010	Fluorene	29.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS4	6/17/2010	Hexachlorobenzene	35.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS4	6/17/2010	Hexachlorobutadiene	51.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS4	6/17/2010	Hexachlorocyclopentadiene	213	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS4	6/17/2010	Hexachloroethane	54.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS4	6/17/2010	Hexachloropropylene	100	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS4	6/17/2010	Indeno (1,2,3-CD) Pyrene	65	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS4	6/17/2010	Iodomethane	0.722	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS4	6/17/2010	Isobutyl Alcohol	34.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS4	6/17/2010	Isodrin	36.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS4	6/17/2010	Isophorone	53.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS4	6/17/2010	Isosafrole	48.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS4	6/17/2010	Lead	9.13	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3-CS4	6/17/2010	Mercury	0.0624	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS4	6/17/2010	Methacrylonitrile	7.32	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS4	6/17/2010	Methanol	1900	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS4	6/17/2010	Methapyrilene	76.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS4	6/17/2010	Methyl Bromide	0.771	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS4	6/17/2010	Methyl Chloride	0.73	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS4	6/17/2010	Methyl Ethyl Ketone	4.51	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS4	6/17/2010	Methyl Isobutyl Ketone	1.98	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS4	6/17/2010	Methyl Methacrylate	0.948	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS4	6/17/2010	Methyl Methanesulfonate	53.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS4	6/17/2010	Methylene Bromide	1.04	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS4	6/17/2010	Methylene Chloride	1.06	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS4	6/17/2010	Naphthalene	40.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS4	6/17/2010	N-Dioctyl Phthalate	153	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS4	6/17/2010	Nickel	2.55	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS4	6/17/2010	Nitrobenzene	61.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS4	6/17/2010	N-Nitroso(Methyl)Ethylamine	43.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS4	6/17/2010	N-Nitrosodiethylamine	41.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS4	6/17/2010	N-Nitrosodimethylamine	43.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS4	6/17/2010	N-Nitroso-Di-N-Butylamine	49.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS4	6/17/2010	N-Nitrosodi-N-Propylamine	30.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS4	6/17/2010	N-Nitrosodiphenylamine	28.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS4	6/17/2010	N-Nitrosomorpholine	39.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS4	6/17/2010	N-Nitrosopiperidine	47.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS4	6/17/2010	N-Nitrosopyrrolidine	32.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS4	6/17/2010	O,O,O-Triethylphosphorothioate	34.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3-CS4	6/17/2010	O-Toluidine	56	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS4	6/17/2010	para-Phenylenediamine	163	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS4	6/17/2010	Pentachlorobenzene	42.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS4	6/17/2010	Pentachloroethane	2.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS4	6/17/2010	Pentachloronitrobenzene	100	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS4	6/17/2010	Pentachlorophenol	63.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS4	6/17/2010	Phenacetin	74.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS4	6/17/2010	Phenanthrene	27.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS4	6/17/2010	Phenol	41.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS4	6/17/2010	Pronamide	189	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS4	6/17/2010	Propionitrile	8.18	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS4	6/17/2010	Propylene Glycol	7770	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS4	6/17/2010	Pyrene	29.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS4	6/17/2010	Pyridine	48.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3-CS4	6/17/2010	Safrole	42.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS4	6/17/2010	Selenium	0.3	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS4	6/17/2010	Silver	0.588	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS4	6/17/2010	Styrene	0.623	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3-CS4	6/17/2010	Sulfide	99.9	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS4	6/17/2010	Terephthalic Acid	25.2	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS4	6/17/2010	Tetrachloroethene	4.01	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS4	6/17/2010	Tetraethyl Dithiopyrophosphate	40.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS4	6/17/2010	Thallium	0.83	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS4	6/17/2010	Thionazin	39	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS4	6/17/2010	Tin	1.4	MG/KG	J, B	B		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS4	6/17/2010	Toluene	0.944	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS4	6/17/2010	trans-1,2-Dichloroethene	0.812	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS4	6/17/2010	trans-1,3-Dichloropropene	0.749	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS4	6/17/2010	trans-1,4-Dichlorobutene-2	2.83	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS4	6/17/2010	Trichloroethene	1.11	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3-CS4	6/17/2010	Trichlorofluoromethane	1.22	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS4	6/17/2010	Triethylene Glycol	5390	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS4	6/17/2010	Vanadium	31.6	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS4	6/17/2010	Vinyl Acetate	1.25	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS4	6/17/2010	Vinyl Chloride	0.901	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS4	6/17/2010	Xylenes	5.96	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS4	6/17/2010	Zinc	10.5	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS5	6/17/2010	1,1,1,2-Tetrachloroethane	0.556	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS5	6/17/2010	1,1,1,2-Tetrachloroethane	0.675	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS5	6/17/2010	1,1,1-Trichloroethane	0.96	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS5	6/17/2010	1,1,1-Trichloroethane	0.791	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS5	6/17/2010	1,1,2,2-Tetrachloroethane	3.97	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS5	6/17/2010	1,1,2,2-Tetrachloroethane	3.27	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS5	6/17/2010	1,1,2-Trichloroethane	0.654	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS5	6/17/2010	1,1,2-Trichloroethane	0.539	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS5	6/17/2010	1,1-Dichloroethane	0.776	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS5	6/17/2010	1,1-Dichloroethane	0.639	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS5	6/17/2010	1,1-Dichloroethene	1.07	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS5	6/17/2010	1,1-Dichloroethene	0.884	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS5	6/17/2010	1,2,3-Trichloropropane	2.63	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3-CS5	6/17/2010	1,2,3-Trichloropropane	2.17	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3-CS5	6/17/2010	1,2,4,5-Tetrachlorobenzene	52	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS5	6/17/2010	1,2,4,5-Tetrachlorobenzene	59.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS5	6/17/2010	1,2,4-Trichlorobenzene	66.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS5	6/17/2010	1,2,4-Trichlorobenzene	58	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS5	6/17/2010	1,2-Dibromo-3-Chloropropane	5.35	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS5	6/17/2010	1,2-Dibromo-3-Chloropropane	4.41	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS5	6/17/2010	1,2-Dibromoethane (EDB)	0.777	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3-CS5	6/17/2010	1,2-Dibromoethane (EDB)	0.943	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3-CS5	6/17/2010	1,2-Dichlorobenzene	1.76	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS5	6/17/2010	1,2-Dichlorobenzene	2.14	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS5	6/17/2010	1,2-Dichloroethane	0.789	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS5	6/17/2010	1,2-Dichloroethane	0.958	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS5	6/17/2010	1,2-Dichloropropane	0.848	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS5	6/17/2010	1,2-Dichloropropane	0.699	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS5	6/17/2010	1,2-Diphenylhydrazine	54.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS5	6/17/2010	1,2-Diphenylhydrazine	62	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS5	6/17/2010	1,3,5-Trinitrobenzene	308	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS5	6/17/2010	1,3,5-Trinitrobenzene	270	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS5	6/17/2010	1,3-Dichlorobenzene	0.885	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS5	6/17/2010	1,3-Dichlorobenzene	1.07	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS5	6/17/2010	1,3-Dinitrobenzene	53.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS5	6/17/2010	1,3-Dinitrobenzene	61.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS5	6/17/2010	1,4-Dichlorobenzene	1.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS5	6/17/2010	1,4-Dichlorobenzene	1.15	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS5	6/17/2010	1,4-Dioxane	36.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS5	6/17/2010	1,4-Dioxane	32.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS5	6/17/2010	1,4-Naphthoquinone	72.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS5	6/17/2010	1,4-Naphthoquinone	63.5	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS5	6/17/2010	1-Naphthylamine	47.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS5	6/17/2010	1-Naphthylamine	41.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS5	6/17/2010	2,3,4,6-Tetrachlorophenol	29.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3-CS5	6/17/2010	2,3,4,6-Tetrachlorophenol	33.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3-CS5	6/17/2010	2,4,5-Trichlorophenol	44.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	2,4,5-Trichlorophenol	50.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	2,4,6-Trichlorophenol	64.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS5	6/17/2010	2,4,6-Trichlorophenol	56.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS5	6/17/2010	2,4-Dichlorophenol	56	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS5	6/17/2010	2,4-Dichlorophenol	63.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS5	6/17/2010	2,4-Dimethylphenol	116	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS5	6/17/2010	2,4-Dimethylphenol	101	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS5	6/17/2010	2,4-Dinitrophenol	231	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS5	6/17/2010	2,4-Dinitrophenol	264	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS5	6/17/2010	2,4-Dinitrotoluene	232	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS5	6/17/2010	2,4-Dinitrotoluene	203	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS5	6/17/2010	2,6-Dichlorophenol	51.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS5	6/17/2010	2,6-Dichlorophenol	45.5	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS5	6/17/2010	2,6-Dinitrotoluene	60.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS5	6/17/2010	2,6-Dinitrotoluene	52.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS5	6/17/2010	2-Acetylaminofluorene	41.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS5	6/17/2010	2-Acetylaminofluorene	46.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS5	6/17/2010	2-Chloronaphthalene	46.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS5	6/17/2010	2-Chloronaphthalene	40.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS5	6/17/2010	2-Chlorophenol	37.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS5	6/17/2010	2-Chlorophenol	42.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS5	6/17/2010	2-Hexanone	3.05	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS5	6/17/2010	2-Hexanone	3.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS5	6/17/2010	2-Methylnaphthalene	41.5	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS5	6/17/2010	2-Methylnaphthalene	47.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3-CS5	6/17/2010	2-Methylphenol (O-Cresol)	58.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	2-Methylphenol (O-Cresol)	51.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	2-Naphthylamine	33	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS5	6/17/2010	2-Naphthylamine	37.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS5	6/17/2010	2-Nitroaniline	54.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS5	6/17/2010	2-Nitroaniline	62.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS5	6/17/2010	2-Nitrophenol	81.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS5	6/17/2010	2-Nitrophenol	92.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS5	6/17/2010	2-Picoline	57.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS5	6/17/2010	2-Picoline	50.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS5	6/17/2010	3- And 4- Methylphenol	95.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS5	6/17/2010	3- And 4- Methylphenol	83.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS5	6/17/2010	3,3'-Dichlorobenzidine	30.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS5	6/17/2010	3,3'-Dichlorobenzidine	35.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS5	6/17/2010	3,3'-Dimethylbenzidine	378	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS5	6/17/2010	3,3'-Dimethylbenzidine	331	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS5	6/17/2010	3-Methylcholanthrene	30.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS5	6/17/2010	3-Methylcholanthrene	34.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS5	6/17/2010	3-Nitroaniline	46.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS5	6/17/2010	3-Nitroaniline	41.2	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS5	6/17/2010	4,6-Dinitro-2-Methylphenol	183	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS5	6/17/2010	4,6-Dinitro-2-Methylphenol	209	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS5	6/17/2010	4-Aminobiphenyl	161	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS5	6/17/2010	4-Aminobiphenyl	184	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS5	6/17/2010	4-Bromophenyl Phenyl Ether	39	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS5	6/17/2010	4-Bromophenyl Phenyl Ether	44.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS5	6/17/2010	4-Chloro-3-Methylphenol	68.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	4-Chloro-3-Methylphenol	77.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	4-Chloroaniline	55.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS5	6/17/2010	4-Chloroaniline	48.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS5	6/17/2010	4-Chlorophenyl Phenyl Ether	37.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS5	6/17/2010	4-Chlorophenyl Phenyl Ether	33	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS5	6/17/2010	4-Dimethylaminoazobenzene	30.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS5	6/17/2010	4-Dimethylaminoazobenzene	26.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS5	6/17/2010	4-Nitroaniline	129	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS5	6/17/2010	4-Nitroaniline	147	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS5	6/17/2010	4-Nitrophenol	222	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS5	6/17/2010	4-Nitrophenol	195	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS5	6/17/2010	4-Nitroquinoline-N-Oxide	138	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS5	6/17/2010	4-Nitroquinoline-N-Oxide	121	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS5	6/17/2010	5-Nitro-Ortho-Toluidine	39.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS5	6/17/2010	5-Nitro-Ortho-Toluidine	34.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS5	6/17/2010	7,12-Dimethylbenz[A]Anthracene	42.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS5	6/17/2010	7,12-Dimethylbenz[A]Anthracene	37	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS5	6/17/2010	Acenaphthene	51.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS5	6/17/2010	Acenaphthene	44.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS5	6/17/2010	Acenaphthylene	48.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS5	6/17/2010	Acenaphthylene	42.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS5	6/17/2010	Acetone	7.88	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Acetone	6.7	UG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Acetonitrile	9.63	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS5	6/17/2010	Acetonitrile	7.93	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS5	6/17/2010	Acetophenone	54.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3-CS5	6/17/2010	Acetophenone	47.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3-CS5	6/17/2010	Acrolein	7.47	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS5	6/17/2010	Acrolein	5.52	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3-CS5	6/17/2010	Acrylonitrile	8.18	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS5	6/17/2010	Acrylonitrile	6.74	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS5	6/17/2010	Allyl Chloride	0.793	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS5	6/17/2010	Allyl Chloride	0.963	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS5	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	43.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3-CS5	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	37.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3-CS5	6/17/2010	Aniline	46.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS5	6/17/2010	Aniline	40.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS5	6/17/2010	Anthracene	31.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS5	6/17/2010	Anthracene	36.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS5	6/17/2010	Antimony	14.9	MG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS5	6/17/2010	Antimony	15.8	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS5	6/17/2010	Aramite	66.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS5	6/17/2010	Aramite	58.5	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS5	6/17/2010	Barium	54	MG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS5	6/17/2010	Barium	82.5	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS5	6/17/2010	Benzene	1.72	UG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS5	6/17/2010	Benzene	4.94	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS5	6/17/2010	Benzo(A)Anthracene	29.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS5	6/17/2010	Benzo(A)Anthracene	25.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS5	6/17/2010	Benzo(B)Fluoranthene	76.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS5	6/17/2010	Benzo(B)Fluoranthene	67.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS5	6/17/2010	Benzo(G,H,I)Perylene	34.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS5	6/17/2010	Benzo(G,H,I)Perylene	39.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS5	6/17/2010	Benzo(K)Fluoranthene	51.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS5	6/17/2010	Benzo(K)Fluoranthene	58.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS5	6/17/2010	Benzo[A]Pyrene	33.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS5	6/17/2010	Benzo[A]Pyrene	29.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS5	6/17/2010	Benzyl Alcohol	107	UG/KG		UJ		N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	Benzyl Alcohol	122	UG/KG		UJ		N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	Beryllium	0.3	MG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS5	6/17/2010	Beryllium	0.338	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS5	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	40.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS5	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	35.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS5	6/17/2010	Bis(2-Chloroethoxy)Methane	41.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS5	6/17/2010	Bis(2-Chloroethoxy)Methane	47.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS5	6/17/2010	Bis(2-Chloroethyl)Ether	44.2	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS5	6/17/2010	Bis(2-Chloroethyl)Ether	50.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS5	6/17/2010	Bis(2-Ethylhexyl)Phthalate	66.5	UG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS5	6/17/2010	Bis(2-Ethylhexyl)Phthalate	80	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS5	6/17/2010	Bromodichloromethane	0.772	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS5	6/17/2010	Bromodichloromethane	0.636	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS5	6/17/2010	Bromoform	1.39	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS5	6/17/2010	Bromoform	1.15	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS5	6/17/2010	Butyl Benzyl Phthalate	38.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS5	6/17/2010	Butyl Benzyl Phthalate	33.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS5	6/17/2010	Cadmium	0.0785	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS5	6/17/2010	Cadmium	0.0669	MG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS5	6/17/2010	Carbon Disulfide	0.846	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS5	6/17/2010	Carbon Disulfide	1.03	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS5	6/17/2010	Carbon Tetrachloride	1.17	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS5	6/17/2010	Carbon Tetrachloride	1.42	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS5	6/17/2010	Chlorobenzene	0.725	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS5	6/17/2010	Chlorobenzene	0.597	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS5	6/17/2010	Chlorobenzilate	37.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	16000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS5	6/17/2010	Chlorobenzilate	43.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T3-CS5	6/17/2010	Chlorodibromomethane	0.813	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS5	6/17/2010	Chlorodibromomethane	0.67	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS5	6/17/2010	Chloroform	0.909	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS5	6/17/2010	Chloroform	0.749	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS5	6/17/2010	Chloroprene	1.25	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS5	6/17/2010	Chloroprene	1.51	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS5	6/17/2010	Chromium	41.4	MG/KG				Y	3-8 Feet	FS	Soil	Site Background	42.7
T3-CS5	6/17/2010	Chromium	34.6	MG/KG				Y	3-8 Feet	DUP	Soil	Site Background	42.7
T3-CS5	6/17/2010	Chrysene	33.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS5	6/17/2010	Chrysene	29.2	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS5	6/17/2010	cis-1,2 Dichloroethene	7.94	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS5	6/17/2010	cis-1,2 Dichloroethene	4.67	UG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS5	6/17/2010	cis-1,3-Dichloropropene	0.595	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS5	6/17/2010	cis-1,3-Dichloropropene	0.722	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS5	6/17/2010	Cobalt	0.234	MG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS5	6/17/2010	Cobalt	0.275	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS5	6/17/2010	Copper	0.757	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS5	6/17/2010	Copper	0.646	MG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS5	6/17/2010	Cyanide	200	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS5	6/17/2010	Cyanide	229	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS5	6/17/2010	Diallate	52.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS5	6/17/2010	Diallate	46	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS5	6/17/2010	Arsenic	2.48	MG/KG			Y	Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS5	6/17/2010	Arsenic	3.03	MG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS5	6/17/2010	Biphenyl	127000	UG/KG			Y	Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS5	6/17/2010	Dibenz(A,H)Anthracene	124	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS5	6/17/2010	Dibenz(A,H)Anthracene	108	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS5	6/17/2010	Dibenzofuran	213	UG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS5	6/17/2010	Dibenzofuran	179	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS5	6/17/2010	Dichlorodifluoromethane	4.83	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS5	6/17/2010	Dichlorodifluoromethane	5.87	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS5	6/17/2010	Diethyl Phthalate	31.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS5	6/17/2010	Diethyl Phthalate	27.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS5	6/17/2010	Diethylene Glycol	15700	UG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS5	6/17/2010	Diethylene Glycol	5230	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS5	6/17/2010	Dimethoate	43.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS5	6/17/2010	Dimethoate	38	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS5	6/17/2010	Dimethyl Phthalate	30.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS5	6/17/2010	Dimethyl Phthalate	35.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS5	6/17/2010	Dimethyl Terephthalate	38.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS5	6/17/2010	Dimethyl Terephthalate	34	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS5	6/17/2010	Di-N-Butyl Phthalate	36.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	Di-N-Butyl Phthalate	31.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS5	6/17/2010	Diphenyl Amine	29.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS5	6/17/2010	Diphenyl Amine	33.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS5	6/17/2010	Biphenyl	77500	UG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS5	6/17/2010	Diphenyl Ether	191000	UG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS5	6/17/2010	Diphenyl Ether	304000	UG/KG			Y	Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS5	6/17/2010	Ethyl Chloride	0.715	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS5	6/17/2010	Ethyl Chloride	0.868	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS5	6/17/2010	Ethyl Methacrylate	0.826	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS5	6/17/2010	Ethyl Methacrylate	1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS5	6/17/2010	Ethyl Methanesulfonate	53.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS5	6/17/2010	Ethyl Methanesulfonate	61.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS5	6/17/2010	Ethylbenzene	10.9	UG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS5	6/17/2010	Ethylbenzene	20.3	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3-CS5	6/17/2010	Ethylene Glycol	4870	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Ethylene Glycol	5540	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Fluoranthene	31.5	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS5	6/17/2010	Fluoranthene	35.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS5	6/17/2010	Fluorene	29.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS5	6/17/2010	Fluorene	34	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS5	6/17/2010	Hexachlorobenzene	41.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS5	6/17/2010	Hexachlorobenzene	36.2	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS5	6/17/2010	Hexachlorobutadiene	59.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS5	6/17/2010	Hexachlorobutadiene	52.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS5	6/17/2010	Hexachlorocyclopentadiene	218	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS5	6/17/2010	Hexachlorocyclopentadiene	249	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS5	6/17/2010	Hexachloroethane	55.5	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS5	6/17/2010	Hexachloroethane	63.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS5	6/17/2010	Hexachloropropylene	117	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS5	6/17/2010	Hexachloropropylene	103	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS5	6/17/2010	Indeno (1,2,3-CD) Pyrene	75.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS5	6/17/2010	Indeno (1,2,3-CD) Pyrene	66.5	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS5	6/17/2010	Iodomethane	0.631	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS5	6/17/2010	Iodomethane	0.766	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS5	6/17/2010	Isobutyl Alcohol	30.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS5	6/17/2010	Isobutyl Alcohol	36.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS5	6/17/2010	Isodrin	42.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS5	6/17/2010	Isodrin	37.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS5	6/17/2010	Isophorone	62.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS5	6/17/2010	Isophorone	55.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS5	6/17/2010	Isosafrole	49.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS5	6/17/2010	Isosafrole	56.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS5	6/17/2010	Lead	13	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3-CS5	6/17/2010	Lead	8.23	MG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3-CS5	6/17/2010	Mercury	0.0359	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS5	6/17/2010	Mercury	0.0263	MG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS5	6/17/2010	Methacrylonitrile	6.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS5	6/17/2010	Methacrylonitrile	7.77	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS5	6/17/2010	Methanol	2200	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Methanol	1940	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Methapyrilene	89.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS5	6/17/2010	Methapyrilene	78.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS5	6/17/2010	Methyl Bromide	0.818	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS5	6/17/2010	Methyl Bromide	0.674	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS5	6/17/2010	Methyl Chloride	0.775	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS5	6/17/2010	Methyl Chloride	0.638	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS5	6/17/2010	Methyl Ethyl Ketone	2.28	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS5	6/17/2010	Methyl Ethyl Ketone	1.88	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS5	6/17/2010	Methyl Isobutyl Ketone	1.73	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS5	6/17/2010	Methyl Isobutyl Ketone	2.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS5	6/17/2010	Methyl Methacrylate	0.829	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS5	6/17/2010	Methyl Methacrylate	1.01	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS5	6/17/2010	Methyl Methanesulfonate	54.5	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS5	6/17/2010	Methyl Methanesulfonate	62.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS5	6/17/2010	Methylene Bromide	1.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS5	6/17/2010	Methylene Bromide	0.91	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS5	6/17/2010	Methylene Chloride	0.926	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS5	6/17/2010	Methylene Chloride	1.12	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS5	6/17/2010	Naphthalene	59.4	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS5	6/17/2010	Naphthalene	80.8	UG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS5	6/17/2010	N-Dioctyl Phthalate	178	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS5	6/17/2010	N-Dioctyl Phthalate	156	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS5	6/17/2010	Nickel	2.34	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS5	6/17/2010	Nickel	1.51	MG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS5	6/17/2010	Nitrobenzene	63.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS5	6/17/2010	Nitrobenzene	72.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS5	6/17/2010	N-Nitroso(Methyl)Ethylamine	51.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS5	6/17/2010	N-Nitroso(Methyl)Ethylamine	44.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS5	6/17/2010	N-Nitrosodiethylamine	48.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS5	6/17/2010	N-Nitrosodiethylamine	42.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS5	6/17/2010	N-Nitrosodimethylamine	44.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS5	6/17/2010	N-Nitrosodimethylamine	51	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS5	6/17/2010	N-Nitroso-Di-N-Butylamine	58.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS5	6/17/2010	N-Nitroso-Di-N-Butylamine	50.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS5	6/17/2010	N-Nitrosodi-N-Propylamine	31.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS5	6/17/2010	N-Nitrosodi-N-Propylamine	35.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS5	6/17/2010	N-Nitrosodiphenylamine	33.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3-CS5	6/17/2010	N-Nitrosodiphenylamine	29.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3-CS5	6/17/2010	N-Nitrosomorpholine	40.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS5	6/17/2010	N-Nitrosomorpholine	46	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS5	6/17/2010	N-Nitrosopiperidine	55	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS5	6/17/2010	N-Nitrosopiperidine	48.2	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS5	6/17/2010	N-Nitrosopyrrolidine	37.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS5	6/17/2010	N-Nitrosopyrrolidine	32.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS5	6/17/2010	O,O,O-Triethylphosphorothioate	35.7	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3-CS5	6/17/2010	O,O,O-Triethylphosphorothioate	40.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3-CS5	6/17/2010	O-Toluidine	57.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS5	6/17/2010	O-Toluidine	65.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS5	6/17/2010	para-Phenylenediamine	167	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS5	6/17/2010	para-Phenylenediamine	190	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS5	6/17/2010	Pentachlorobenzene	50	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS5	6/17/2010	Pentachlorobenzene	43.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS5	6/17/2010	Pentachloroethane	2.87	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS5	6/17/2010	Pentachloroethane	2.36	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS5	6/17/2010	Pentachloronitrobenzene	117	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS5	6/17/2010	Pentachloronitrobenzene	103	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS5	6/17/2010	Pentachlorophenol	74.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS5	6/17/2010	Pentachlorophenol	65.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS5	6/17/2010	Phenacetin	76.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS5	6/17/2010	Phenacetin	87.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS5	6/17/2010	Phenanthrene	28.6	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS5	6/17/2010	Phenanthrene	32.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS5	6/17/2010	Phenol	48.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS5	6/17/2010	Phenol	42.3	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS5	6/17/2010	Pronamide	194	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS5	6/17/2010	Pronamide	221	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS5	6/17/2010	Propionitrile	7.15	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS5	6/17/2010	Propionitrile	8.68	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS5	6/17/2010	Propylene Glycol	13900	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Propylene Glycol	7910	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Pyrene	34.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS5	6/17/2010	Pyrene	30.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS5	6/17/2010	Pyridine	56.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3-CS5	6/17/2010	Pyridine	49.8	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3-CS5	6/17/2010	Safrole	49.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS5	6/17/2010	Safrole	43.2	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS5	6/17/2010	Selenium	0.279	MG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS5	6/17/2010	Selenium	0.327	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS5	6/17/2010	Silver	0.547	MG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS5	6/17/2010	Silver	0.641	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS5	6/17/2010	Styrene	0.661	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3-CS5	6/17/2010	Styrene	0.545	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3-CS5	6/17/2010	Sulfide	102	MG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Sulfide	116	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS5	6/17/2010	Terephthalic Acid	6.56	MG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS5	6/17/2010	Terephthalic Acid	7.49	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS5	6/17/2010	Tetrachloroethene	74.4	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS5	6/17/2010	Tetrachloroethene	46.2	UG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS5	6/17/2010	Tetraethyl Dithiopyrophosphate	47.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS5	6/17/2010	Tetraethyl Dithiopyrophosphate	41.4	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS5	6/17/2010	Thallium	0.773	MG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS5	6/17/2010	Thallium	0.906	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS5	6/17/2010	Thionazin	39.9	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS5	6/17/2010	Thionazin	45.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS5	6/17/2010	Tin	1.55	MG/KG	J, B	B		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS5	6/17/2010	Tin	2.04	MG/KG	J, B	B		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS5	6/17/2010	Toluene	2.28	UG/KG	J	J		Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS5	6/17/2010	Toluene	3.57	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS5	6/17/2010	trans-1,2-Dichloroethene	0.71	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS5	6/17/2010	trans-1,2-Dichloroethene	0.862	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS5	6/17/2010	trans-1,3-Dichloropropene	0.795	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS5	6/17/2010	trans-1,3-Dichloropropene	0.655	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS5	6/17/2010	trans-1,4-Dichlorobutene-2	3.01	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS5	6/17/2010	trans-1,4-Dichlorobutene-2	2.48	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS5	6/17/2010	Trichloroethene	9.72	UG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3-CS5	6/17/2010	Trichloroethene	17.9	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3-CS5	6/17/2010	Trichlorofluoromethane	1.29	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS5	6/17/2010	Trichlorofluoromethane	1.06	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS5	6/17/2010	Triethylene Glycol	6240	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS5	6/17/2010	Triethylene Glycol	5490	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS5	6/17/2010	Vanadium	29	MG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS5	6/17/2010	Vanadium	34.2	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS5	6/17/2010	Vinyl Acetate	1.1	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS5	6/17/2010	Vinyl Acetate	1.33	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS5	6/17/2010	Vinyl Chloride	0.957	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS5	6/17/2010	Vinyl Chloride	0.788	UG/KG				N	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS5	6/17/2010	Xylenes	53.4	UG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS5	6/17/2010	Xylenes	99.3	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS5	6/17/2010	Zinc	6.67	MG/KG				Y	3-8 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS5	6/17/2010	Zinc	8.96	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS6	6/17/2010	1,1,1,2-Tetrachloroethane	0.613	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS6	6/17/2010	1,1,1-Trichloroethane	0.872	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS6	6/17/2010	1,1,2,2-Tetrachloroethane	3.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS6	6/17/2010	1,1,2-Trichloroethane	0.594	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS6	6/17/2010	1,1-Dichloroethane	0.704	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS6	6/17/2010	1,1-Dichloroethene	0.975	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS6	6/17/2010	1,2,3-Trichloropropane	2.39	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3-CS6	6/17/2010	1,2,4,5-Tetrachlorobenzene	54.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS6	6/17/2010	1,2,4-Trichlorobenzene	60.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS6	6/17/2010	1,2-Dibromo-3-Chloropropane	4.86	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS6	6/17/2010	1,2-Dibromoethane (EDB)	0.856	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS6	6/17/2010	1,2-Dichlorobenzene	1.94	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS6	6/17/2010	1,2-Dichloroethane	0.869	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS6	6/17/2010	1,2-Dichloropropane	0.77	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS6	6/17/2010	1,2-Diphenylhydrazine	57.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS6	6/17/2010	1,3,5-Trinitrobenzene	284	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS6	6/17/2010	1,3-Dichlorobenzene	0.976	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS6	6/17/2010	1,3-Dinitrobenzene	56.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS6	6/17/2010	1,4-Dichlorobenzene	1.27	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS6	6/17/2010	1,4-Dioxane	33.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS6	6/17/2010	1,4-Naphthoquinone	66.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS6	6/17/2010	1-Naphthylamine	43.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS6	6/17/2010	2,3,4,6-Tetrachlorophenol	30.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3-CS6	6/17/2010	2,4,5-Trichlorophenol	46.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS6	6/17/2010	2,4,6-Trichlorophenol	59.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS6	6/17/2010	2,4-Dichlorophenol	58.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS6	6/17/2010	2,4-Dimethylphenol	107	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS6	6/17/2010	2,4-Dinitrophenol	243	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS6	6/17/2010	2,4-Dinitrotoluene	213	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS6	6/17/2010	2,6-Dichlorophenol	47.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS6	6/17/2010	2,6-Dinitrotoluene	55.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS6	6/17/2010	2-Acetylaminofluorene	43.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS6	6/17/2010	2-Chloronaphthalene	42.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS6	6/17/2010	2-Chlorophenol	39.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS6	6/17/2010	2-Hexanone	3.36	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS6	6/17/2010	2-Methylnaphthalene	43.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3-CS6	6/17/2010	2-Methylphenol (O-Cresol)	54	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS6	6/17/2010	2-Naphthylamine	34.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS6	6/17/2010	2-Nitroaniline	57.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS6	6/17/2010	2-Nitrophenol	85.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS6	6/17/2010	2-Picoline	52.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS6	6/17/2010	3- And 4- Methylphenol	87.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS6	6/17/2010	3,3'-Dichlorobenzidine	32.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS6	6/17/2010	3,3'-Dimethylbenzidine	348	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS6	6/17/2010	3-Methylcholanthrene	31.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS6	6/17/2010	3-Nitroaniline	43.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS6	6/17/2010	4,6-Dinitro-2-Methylphenol	192	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS6	6/17/2010	4-Aminobiphenyl	170	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS6	6/17/2010	4-Bromophenyl Phenyl Ether	40.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS6	6/17/2010	4-Chloro-3-Methylphenol	71.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS6	6/17/2010	4-Chloroaniline	50.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS6	6/17/2010	4-Chlorophenyl Phenyl Ether	34.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS6	6/17/2010	4-Dimethylaminoazobenzene	28.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS6	6/17/2010	4-Nitroaniline	136	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS6	6/17/2010	4-Nitrophenol	205	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS6	6/17/2010	4-Nitroquinoline-N-Oxide	127	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS6	6/17/2010	5-Nitro-Ortho-Toluidine	36.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS6	6/17/2010	7,12-Dimethylbenz[A]Anthracene	38.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS6	6/17/2010	Acenaphthene	47	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS6	6/17/2010	Acenaphthylene	44.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS6	6/17/2010	Acetone	74.9	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS6	6/17/2010	Acetonitrile	8.74	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS6	6/17/2010	Acetophenone	50	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3-CS6	6/17/2010	Acrolein	6.08	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3-CS6	6/17/2010	Acrylonitrile	7.42	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS6	6/17/2010	Allyl Chloride	0.874	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS6	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	39.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS6	6/17/2010	Aniline	42.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS6	6/17/2010	Anthracene	33.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS6	6/17/2010	Antimony	2.14	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS6	6/17/2010	Aramite	61.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS6	6/17/2010	Barium	222	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS6	6/17/2010	Benzene	0.758	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS6	6/17/2010	Benzo(A)Anthracene	26.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS6	6/17/2010	Benzo(B)Fluoranthene	70.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS6	6/17/2010	Benzo(G,H,I)Perylene	36.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS6	6/17/2010	Benzo(K)Fluoranthene	53.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS6	6/17/2010	Benzo[A]Pyrene	30.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS6	6/17/2010	Benzyl Alcohol	113	UG/KG		UJ		N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS6	6/17/2010	Beryllium	0.54	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS6	6/17/2010	Biphenyl	177	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS6	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	36.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS6	6/17/2010	Bis(2-Chloroethoxy)Methane	44	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS6	6/17/2010	Bis(2-Chloroethyl)Ether	46.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS6	6/17/2010	Bis(2-Ethylhexyl)Phthalate	56.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS6	6/17/2010	Bromodichloromethane	0.701	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS6	6/17/2010	Bromoform	1.27	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS6	6/17/2010	Butyl Benzyl Phthalate	35.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS6	6/17/2010	Cadmium	0.0764	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS6	6/17/2010	Carbon Disulfide	0.933	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS6	6/17/2010	Carbon Tetrachloride	1.29	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS6	6/17/2010	Chlorobenzene	0.658	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS6	6/17/2010	Chlorobenzilate	39.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T3-CS6	6/17/2010	Chlorodibromomethane	0.738	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS6	6/17/2010	Chloroform	0.825	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS6	6/17/2010	Chloroprene	1.37	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS6	6/17/2010	Chromium	40.2	MG/KG				Y	3-8 Feet	FS	Soil	Site Background	42.7
T3-CS6	6/17/2010	Chrysene	30.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS6	6/17/2010	cis-1,2 Dichloroethene	0.718	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS6	6/17/2010	cis-1,3-Dichloropropene	0.656	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS6	6/17/2010	Cobalt	0.267	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS6	6/17/2010	Copper	0.737	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS6	6/17/2010	Cyanide	210	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS6	6/17/2010	Diallate	48.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS6	6/17/2010	Dibenz(A,H)Anthracene	114	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS6	6/17/2010	Dibenzofuran	48.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS6	6/17/2010	Dichlorodifluoromethane	5.33	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS6	6/17/2010	Diethyl Phthalate	29.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS6	6/17/2010	Diethylene Glycol	4820	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS6	6/17/2010	Dimethoate	39.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS6	6/17/2010	Dimethyl Phthalate	32.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS6	6/17/2010	Dimethyl Terephthalate	35.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS6	6/17/2010	Di-N-Butyl Phthalate	33.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS6	6/17/2010	Diphenyl Amine	30.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS6	6/17/2010	Arsenic	7.28	MG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS6	6/17/2010	Diphenyl Ether	622	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS6	6/17/2010	Ethyl Chloride	0.788	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS6	6/17/2010	Ethyl Methacrylate	0.91	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS6	6/17/2010	Ethyl Methanesulfonate	56.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS6	6/17/2010	Ethylbenzene	0.962	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3-CS6	6/17/2010	Ethylene Glycol	5100	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS6	6/17/2010	Fluoranthene	33.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS6	6/17/2010	Fluorene	31.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS6	6/17/2010	Hexachlorobenzene	38	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS6	6/17/2010	Hexachlorobutadiene	55	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS6	6/17/2010	Hexachlorocyclopentadiene	229	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS6	6/17/2010	Hexachloroethane	58.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS6	6/17/2010	Hexachloropropylene	108	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS6	6/17/2010	Indeno (1,2,3-CD) Pyrene	69.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS6	6/17/2010	Iodomethane	0.695	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS6	6/17/2010	Isobutyl Alcohol	33.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS6	6/17/2010	Isodrin	39.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS6	6/17/2010	Isophorone	57.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS6	6/17/2010	Isosafrole	52.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS6	6/17/2010	Lead	14.2	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3-CS6	6/17/2010	Mercury	0.0325	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS6	6/17/2010	Methacrylonitrile	7.05	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS6	6/17/2010	Methanol	2030	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS6	6/17/2010	Methapyrilene	82.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS6	6/17/2010	Methyl Bromide	0.743	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS6	6/17/2010	Methyl Chloride	0.703	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS6	6/17/2010	Methyl Ethyl Ketone	3.99	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS6	6/17/2010	Methyl Isobutyl Ketone	1.91	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS6	6/17/2010	Methyl Methacrylate	0.914	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS6	6/17/2010	Methyl Methanesulfonate	57.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS6	6/17/2010	Methylene Bromide	1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS6	6/17/2010	Methylene Chloride	1.02	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS6	6/17/2010	Naphthalene	43.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS6	6/17/2010	N-Dioctyl Phthalate	164	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS6	6/17/2010	Nickel	2.61	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS6	6/17/2010	Nitrobenzene	66.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS6	6/17/2010	N-Nitroso(Methyl)Ethylamine	47.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS6	6/17/2010	N-Nitrosodiethylamine	44.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS6	6/17/2010	N-Nitrosodimethylamine	46.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS6	6/17/2010	N-Nitroso-Di-N-Butylamine	53.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS6	6/17/2010	N-Nitrosodi-N-Propylamine	32.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS6	6/17/2010	N-Nitrosodiphenylamine	30.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3-CS6	6/17/2010	N-Nitrosomorpholine	42.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS6	6/17/2010	N-Nitrosopiperidine	50.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS6	6/17/2010	N-Nitrosopyrrolidine	34.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS6	6/17/2010	O,O,O-Triethylphosphorothioate	37.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3-CS6	6/17/2010	O-Toluidine	60.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS6	6/17/2010	para-Phenylenediamine	175	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS6	6/17/2010	Pentachlorobenzene	46	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS6	6/17/2010	Pentachloroethane	2.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS6	6/17/2010	Pentachloronitrobenzene	108	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS6	6/17/2010	Pentachlorophenol	68.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS6	6/17/2010	Phenacetin	80.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS6	6/17/2010	Phenanthrene	30	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS6	6/17/2010	Phenol	44.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS6	6/17/2010	Pronamide	203	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS6	6/17/2010	Propionitrile	7.88	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS6	6/17/2010	Propylene Glycol	8290	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS6	6/17/2010	Pyrene	31.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS6	6/17/2010	Pyridine	52.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3-CS6	6/17/2010	Safrole	45.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS6	6/17/2010	Selenium	0.319	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS6	6/17/2010	Silver	0.624	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS6	6/17/2010	Styrene	0.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS6	6/17/2010	Sulfide	107	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS6	6/17/2010	Terephthalic Acid	6.86	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS6	6/17/2010	Tetrachloroethene	1.78	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS6	6/17/2010	Tetraethyl Dithiopyrophosphate	43.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS6	6/17/2010	Thallium	0.882	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS6	6/17/2010	Thionazin	41.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS6	6/17/2010	Tin	1.75	MG/KG	J, B	B		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS6	6/17/2010	Toluene	0.91	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS6	6/17/2010	trans-1,2-Dichloroethene	0.782	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS6	6/17/2010	trans-1,3-Dichloropropene	0.721	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS6	6/17/2010	trans-1,4-Dichlorobutene-2	2.73	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS6	6/17/2010	Trichloroethene	1.07	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3-CS6	6/17/2010	Trichlorofluoromethane	1.17	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS6	6/17/2010	Triethylene Glycol	5750	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS6	6/17/2010	Vanadium	51.3	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS6	6/17/2010	Vinyl Acetate	1.21	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS6	6/17/2010	Vinyl Chloride	0.868	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS6	6/17/2010	Xylenes	2.38	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS6	6/17/2010	Zinc	10.1	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS7	6/17/2010	1,1,1,2-Tetrachloroethane	0.534	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS7	6/17/2010	1,1,1-Trichloroethane	0.76	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS7	6/17/2010	1,1,2,2-Tetrachloroethane	3.14	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS7	6/17/2010	1,1,2-Trichloroethane	0.518	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS7	6/17/2010	1,1-Dichloroethane	0.614	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS7	6/17/2010	1,1-Dichloroethene	0.85	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS7	6/17/2010	1,2,3-Trichloropropane	2.08	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T3-CS7	6/17/2010	1,2,4,5-Tetrachlorobenzene	53.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS7	6/17/2010	1,2,4-Trichlorobenzene	59.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS7	6/17/2010	1,2-Dibromo-3-Chloropropane	4.24	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS7	6/17/2010	1,2-Dibromoethane (EDB)	0.746	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3-CS7	6/17/2010	1,2-Dichlorobenzene	1.69	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS7	6/17/2010	1,2-Dichloroethane	0.758	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS7	6/17/2010	1,2-Dichloropropane	0.671	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS7	6/17/2010	1,2-Diphenylhydrazine	55.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS7	6/17/2010	1,3,5-Trinitrobenzene	276	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS7	6/17/2010	1,3-Dichlorobenzene	0.851	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS7	6/17/2010	1,3-Dinitrobenzene	54.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS7	6/17/2010	1,4-Dichlorobenzene	1.11	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS7	6/17/2010	1,4-Dioxane	32.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS7	6/17/2010	1,4-Naphthoquinone	64.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS7	6/17/2010	1-Naphthylamine	42.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS7	6/17/2010	2,3,4,6-Tetrachlorophenol	29.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3-CS7	6/17/2010	2,4,5-Trichlorophenol	45.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS7	6/17/2010	2,4,6-Trichlorophenol	57.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS7	6/17/2010	2,4-Dichlorophenol	57.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS7	6/17/2010	2,4-Dimethylphenol	103	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS7	6/17/2010	2,4-Dinitrophenol	236	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS7	6/17/2010	2,4-Dinitrotoluene	207	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS7	6/17/2010	2,6-Dichlorophenol	46.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS7	6/17/2010	2,6-Dinitrotoluene	53.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS7	6/17/2010	2-Acetylaminofluorene	41.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS7	6/17/2010	2-Chloronaphthalene	41.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS7	6/17/2010	2-Chlorophenol	38.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS7	6/17/2010	2-Hexanone	2.93	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS7	6/17/2010	2-Methylnaphthalene	42.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3-CS7	6/17/2010	2-Methylphenol (O-Cresol)	52.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS7	6/17/2010	2-Naphthylamine	33.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS7	6/17/2010	2-Nitroaniline	56	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS7	6/17/2010	2-Nitrophenol	82.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS7	6/17/2010	2-Picoline	51.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS7	6/17/2010	3- And 4- Methylphenol	85.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS7	6/17/2010	3,3'-Dichlorobenzidine	31.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS7	6/17/2010	3,3'-Dimethylbenzidine	338	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS7	6/17/2010	3-Methylcholanthrene	30.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS7	6/17/2010	3-Nitroaniline	42	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS7	6/17/2010	4,6-Dinitro-2-Methylphenol	187	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS7	6/17/2010	4-Aminobiphenyl	165	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS7	6/17/2010	4-Bromophenyl Phenyl Ether	39.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS7	6/17/2010	4-Chloro-3-Methylphenol	69.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS7	6/17/2010	4-Chloroaniline	49.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS7	6/17/2010	4-Chlorophenyl Phenyl Ether	33.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS7	6/17/2010	4-Dimethylaminoazobenzene	27.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS7	6/17/2010	4-Nitroaniline	132	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS7	6/17/2010	4-Nitrophenol	199	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS7	6/17/2010	4-Nitroquinoline-N-Oxide	123	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS7	6/17/2010	5-Nitro-Ortho-Toluidine	35.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS7	6/17/2010	7,12-Dimethylbenz[A]Anthracene	37.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS7	6/17/2010	Acenaphthene	45.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS7	6/17/2010	Acenaphthylene	43.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS7	6/17/2010	Acetone	59.8	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS7	6/17/2010	Acetonitrile	7.62	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS7	6/17/2010	Acetophenone	48.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T3-CS7	6/17/2010	Acrolein	5.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3-CS7	6/17/2010	Acrylonitrile	6.47	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS7	6/17/2010	Allyl Chloride	0.762	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS7	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	38.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3-CS7	6/17/2010	Aniline	41.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS7	6/17/2010	Anthracene	32.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS7	6/17/2010	Antimony	0.597	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS7	6/17/2010	Aramite	59.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS7	6/17/2010	Barium	137	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS7	6/17/2010	Benzene	0.66	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS7	6/17/2010	Benzo(A)Anthracene	26.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS7	6/17/2010	Benzo(B)Fluoranthene	68.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS7	6/17/2010	Benzo(G,H,I)Perylene	35.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS7	6/17/2010	Benzo(K)Fluoranthene	52.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS7	6/17/2010	Benzo[A]Pyrene	30	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS7	6/17/2010	Benzyl Alcohol	109	UG/KG		UJ		N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS7	6/17/2010	Beryllium	0.324	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS7	6/17/2010	Biphenyl	34.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS7	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	35.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS7	6/17/2010	Bis(2-Chloroethoxy)Methane	42.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS7	6/17/2010	Bis(2-Chloroethyl)Ether	45.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS7	6/17/2010	Bis(2-Ethylhexyl)Phthalate	55.1	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS7	6/17/2010	Bromodichloromethane	0.611	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS7	6/17/2010	Bromoform	1.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS7	6/17/2010	Butyl Benzyl Phthalate	34.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS7	6/17/2010	Cadmium	0.0695	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS7	6/17/2010	Carbon Disulfide	0.813	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS7	6/17/2010	Carbon Tetrachloride	1.12	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS7	6/17/2010	Chlorobenzene	0.574	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS7	6/17/2010	Chlorobenzilate	38.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS7	6/17/2010	Chlorodibromomethane	0.644	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS7	6/17/2010	Chloroform	0.72	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS7	6/17/2010	Chloroprene	1.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS7	6/17/2010	Chromium	30.1	MG/KG				Y	3-8 Feet	FS	Soil	Site Background	42.7
T3-CS7	6/17/2010	Chrysene	29.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS7	6/17/2010	cis-1,2 Dichloroethene	0.626	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS7	6/17/2010	cis-1,3-Dichloropropene	0.572	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS7	6/17/2010	Cobalt	0.243	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS7	6/17/2010	Copper	0.671	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS7	6/17/2010	Cyanide	204	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS7	6/17/2010	Diallate	46.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS7	6/17/2010	Dibenz(A,H)Anthracene	111	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS7	6/17/2010	Dibenzofuran	47.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS7	6/17/2010	Dichlorodifluoromethane	4.64	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS7	6/17/2010	Diethyl Phthalate	28.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS7	6/17/2010	Diethylene Glycol	4710	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS7	6/17/2010	Dimethoate	38.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS7	6/17/2010	Dimethyl Phthalate	31.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS7	6/17/2010	Dimethyl Terephthalate	34.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS7	6/17/2010	Di-N-Butyl Phthalate	32.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS7	6/17/2010	Diphenyl Amine	29.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS7	6/17/2010	Arsenic	4.36	MG/KG			Y	Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS7	6/17/2010	Diphenyl Ether	35.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS7	6/17/2010	Ethyl Chloride	0.687	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS7	6/17/2010	Ethyl Methacrylate	0.794	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS7	6/17/2010	Ethyl Methanesulfonate	54.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS7	6/17/2010	Ethylbenzene	0.839	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3-CS7	6/17/2010	Ethylene Glycol	4990	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS7	6/17/2010	Fluoranthene	32.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS7	6/17/2010	Fluorene	30.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS7	6/17/2010	Hexachlorobenzene	36.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS7	6/17/2010	Hexachlorobutadiene	53.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS7	6/17/2010	Hexachlorocyclopentadiene	222	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS7	6/17/2010	Hexachloroethane	56.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS7	6/17/2010	Hexachloropropylene	105	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS7	6/17/2010	Indeno (1,2,3-CD) Pyrene	67.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS7	6/17/2010	Iodomethane	0.606	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS7	6/17/2010	Isobutyl Alcohol	29	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS7	6/17/2010	Isodrin	38.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS7	6/17/2010	Isophorone	56.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS7	6/17/2010	Isosafrole	50.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS7	6/17/2010	Lead	13.2	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3-CS7	6/17/2010	Mercury	0.0482	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS7	6/17/2010	Methacrylonitrile	6.15	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS7	6/17/2010	Methanol	1980	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS7	6/17/2010	Methapyrilene	80.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS7	6/17/2010	Methyl Bromide	0.648	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS7	6/17/2010	Methyl Chloride	0.613	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS7	6/17/2010	Methyl Ethyl Ketone	2.85	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS7	6/17/2010	Methyl Isobutyl Ketone	1.66	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS7	6/17/2010	Methyl Methacrylate	0.797	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS7	6/17/2010	Methyl Methanesulfonate	55.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS7	6/17/2010	Methylene Bromide	0.874	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS7	6/17/2010	Methylene Chloride	0.89	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS7	6/17/2010	Naphthalene	41.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS7	6/17/2010	N-Dioctyl Phthalate	159	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS7	6/17/2010	Nickel	1.89	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS7	6/17/2010	Nitrobenzene	64.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS7	6/17/2010	N-Nitroso(Methyl)Ethylamine	45.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS7	6/17/2010	N-Nitrosodiethylamine	43.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS7	6/17/2010	N-Nitrosodimethylamine	45.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS7	6/17/2010	N-Nitroso-Di-N-Butylamine	51.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS7	6/17/2010	N-Nitrosodi-N-Propylamine	32	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS7	6/17/2010	N-Nitrosodiphenylamine	29.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3-CS7	6/17/2010	N-Nitrosomorpholine	41.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS7	6/17/2010	N-Nitrosopiperidine	49.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS7	6/17/2010	N-Nitrosopyrrolidine	33.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS7	6/17/2010	O,O,O-Triethylphosphorothioate	36.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3-CS7	6/17/2010	O-Toluidine	58.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS7	6/17/2010	para-Phenylenediamine	170	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS7	6/17/2010	Pentachlorobenzene	44.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS7	6/17/2010	Pentachloroethane	2.27	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS7	6/17/2010	Pentachloronitrobenzene	105	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS7	6/17/2010	Pentachlorophenol	66.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS7	6/17/2010	Phenacetin	78.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS7	6/17/2010	Phenanthrene	29.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS7	6/17/2010	Phenol	43.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS7	6/17/2010	Pronamide	198	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS7	6/17/2010	Propionitrile	6.87	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS7	6/17/2010	Propylene Glycol	8110	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS7	6/17/2010	Pyrene	30.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS7	6/17/2010	Pyridine	50.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T3-CS7	6/17/2010	Safrole	44.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS7	6/17/2010	Selenium	0.29	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS7	6/17/2010	Silver	0.568	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS7	6/17/2010	Styrene	0.523	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3-CS7	6/17/2010	Sulfide	104	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS7	6/17/2010	Terephthalic Acid	6.62	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS7	6/17/2010	Tetrachloroethene	1.55	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS7	6/17/2010	Tetraethyl Dithiopyrophosphate	42.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS7	6/17/2010	Thallium	0.803	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS7	6/17/2010	Thionazin	40.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS7	6/17/2010	Tin	1.46	MG/KG	J, B	B		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS7	6/17/2010	Toluene	0.794	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS7	6/17/2010	trans-1,2-Dichloroethene	0.682	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS7	6/17/2010	trans-1,3-Dichloropropene	0.629	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS7	6/17/2010	trans-1,4-Dichlorobutene-2	2.38	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS7	6/17/2010	Trichloroethene	0.933	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3-CS7	6/17/2010	Trichlorofluoromethane	1.02	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS7	6/17/2010	Triethylene Glycol	5620	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS7	6/17/2010	Vanadium	40.2	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS7	6/17/2010	Vinyl Acetate	1.05	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS7	6/17/2010	Vinyl Chloride	0.757	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS7	6/17/2010	Xylenes	2.08	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS7	6/17/2010	Zinc	7.03	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T3-CS8	6/17/2010	1,1,1,2-Tetrachloroethane	0.47	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T3-CS8	6/17/2010	1,1,1-Trichloroethane	0.669	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T3-CS8	6/17/2010	1,1,2,2-Tetrachloroethane	2.76	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T3-CS8	6/17/2010	1,1,2-Trichloroethane	0.455	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS8	6/17/2010	1,1-Dichloroethane	0.54	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS8	6/17/2010	1,1-Dichloroethene	0.748	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T3-CS8	6/17/2010	1,2,3-Trichloropropane	1.83	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS8	6/17/2010	1,2,4,5-Tetrachlorobenzene	44.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS8	6/17/2010	1,2,4-Trichlorobenzene	49.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T3-CS8	6/17/2010	1,2-Dibromo-3-Chloropropane	3.73	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T3-CS8	6/17/2010	1,2-Dibromoethane (EDB)	0.657	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T3-CS8	6/17/2010	1,2-Dichlorobenzene	1.49	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T3-CS8	6/17/2010	1,2-Dichloroethane	0.667	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS8	6/17/2010	1,2-Dichloropropane	0.591	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T3-CS8	6/17/2010	1,2-Diphenylhydrazine	46.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS8	6/17/2010	1,3,5-Trinitrobenzene	230	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T3-CS8	6/17/2010	1,3-Dichlorobenzene	0.749	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS8	6/17/2010	1,3-Dinitrobenzene	45.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS8	6/17/2010	1,4-Dichlorobenzene	0.976	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T3-CS8	6/17/2010	1,4-Dioxane	27.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS8	6/17/2010	1,4-Naphthoquinone	54	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T3-CS8	6/17/2010	1-Naphthylamine	35.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS8	6/17/2010	2,3,4,6-Tetrachlorophenol	24.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T3-CS8	6/17/2010	2,4,5-Trichlorophenol	37.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS8	6/17/2010	2,4,6-Trichlorophenol	48.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS8	6/17/2010	2,4-Dichlorophenol	47.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS8	6/17/2010	2,4-Dimethylphenol	86.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS8	6/17/2010	2,4-Dinitrophenol	197	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T3-CS8	6/17/2010	2,4-Dinitrotoluene	173	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T3-CS8	6/17/2010	2,6-Dichlorophenol	38.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T3-CS8	6/17/2010	2,6-Dinitrotoluene	45	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS8	6/17/2010	2-Acetylaminofluorene	35	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T3-CS8	6/17/2010	2-Chloronaphthalene	34.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T3-CS8	6/17/2010	2-Chlorophenol	32	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS8	6/17/2010	2-Hexanone	2.58	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS8	6/17/2010	2-Methylnaphthalene	35.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T3-CS8	6/17/2010	2-Methylphenol (O-Cresol)	43.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS8	6/17/2010	2-Naphthylamine	28.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T3-CS8	6/17/2010	2-Nitroaniline	46.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS8	6/17/2010	2-Nitrophenol	69.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T3-CS8	6/17/2010	2-Picoline	42.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS8	6/17/2010	3- And 4- Methylphenol	71.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000000
T3-CS8	6/17/2010	3,3'-Dichlorobenzidine	26.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T3-CS8	6/17/2010	3,3'-Dimethylbenzidine	282	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T3-CS8	6/17/2010	3-Methylcholanthrene	25.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS8	6/17/2010	3-Nitroaniline	35	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS8	6/17/2010	4,6-Dinitro-2-Methylphenol	156	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T3-CS8	6/17/2010	4-Aminobiphenyl	137	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T3-CS8	6/17/2010	4-Bromophenyl Phenyl Ether	33.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T3-CS8	6/17/2010	4-Chloro-3-Methylphenol	57.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS8	6/17/2010	4-Chloroaniline	41.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T3-CS8	6/17/2010	4-Chlorophenyl Phenyl Ether	28.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS8	6/17/2010	4-Dimethylaminoazobenzene	22.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T3-CS8	6/17/2010	4-Nitroaniline	110	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T3-CS8	6/17/2010	4-Nitrophenol	166	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS8	6/17/2010	4-Nitroquinoline-N-Oxide	103	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T3-CS8	6/17/2010	5-Nitro-Ortho-Toluidine	29.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T3-CS8	6/17/2010	7,12-Dimethylbenz[A]Anthracene	31.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T3-CS8	6/17/2010	Acenaphthene	38.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T3-CS8	6/17/2010	Acenaphthylene	36	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T3-CS8	6/17/2010	Acetone	8.77	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS8	6/17/2010	Acetonitrile	6.71	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS8	6/17/2010	Acetophenone	40.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS8	6/17/2010	Acrolein	4.66	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T3-CS8	6/17/2010	Acrylonitrile	5.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T3-CS8	6/17/2010	Allyl Chloride	0.671	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS8	6/17/2010	Alpha,Alpha-Dimethylphenethylamine	32.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T3-CS8	6/17/2010	Aniline	34.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T3-CS8	6/17/2010	Anthracene	27.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS8	6/17/2010	Antimony	2.9	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T3-CS8	6/17/2010	Aramite	49.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T3-CS8	6/17/2010	Arsenic	1.33	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T3-CS8	6/17/2010	Barium	12.6	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T3-CS8	6/17/2010	Benzene	0.581	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T3-CS8	6/17/2010	Benzo(A)Anthracene	21.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS8	6/17/2010	Benzo(B)Fluoranthene	57.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS8	6/17/2010	Benzo(G,H,I)Perylene	29.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T3-CS8	6/17/2010	Benzo(K)Fluoranthene	43.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T3-CS8	6/17/2010	Benzo[A]Pyrene	25	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS8	6/17/2010	Benzyl Alcohol	91.3	UG/KG		UJ		N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS8	6/17/2010	Beryllium	0.0641	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T3-CS8	6/17/2010	Biphenyl	1290	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS8	6/17/2010	Bis(2-Chloro-1-Methylethyl) Ether	29.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS8	6/17/2010	Bis(2-Chloroethoxy)Methane	35.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T3-CS8	6/17/2010	Bis(2-Chloroethyl)Ether	37.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T3-CS8	6/17/2010	Bis(2-Ethylhexyl)Phthalate	59.7	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T3-CS8	6/17/2010	Bromodichloromethane	0.538	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T3-CS8	6/17/2010	Bromoform	0.971	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T3-CS8	6/17/2010	Butyl Benzyl Phthalate	28.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T3-CS8	6/17/2010	Cadmium	0.0564	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T3-CS8	6/17/2010	Carbon Disulfide	0.716	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS8	6/17/2010	Carbon Tetrachloride	0.989	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T3-CS8	6/17/2010	Chlorobenzene	0.505	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T3-CS8	6/17/2010	Chlorobenzilate	32.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T3-CS8	6/17/2010	Chlorodibromomethane	0.567	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T3-CS8	6/17/2010	Chloroform	0.633	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T3-CS8	6/17/2010	Chloroprene	1.05	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T3-CS8	6/17/2010	Chromium	17.5	MG/KG				Y	3-8 Feet	FS	Soil	Site Background	42.7
T3-CS8	6/17/2010	Chrysene	24.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T3-CS8	6/17/2010	cis-1,2 Dichloroethene	0.551	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T3-CS8	6/17/2010	cis-1,3-Dichloropropene	0.503	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS8	6/17/2010	Cobalt	0.292	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T3-CS8	6/17/2010	Copper	0.593	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T3-CS8	6/17/2010	Cyanide	170	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS8	6/17/2010	Diallate	39.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS8	6/17/2010	Dibenz(A,H)Anthracene	92.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T3-CS8	6/17/2010	Dibenzofuran	39.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T3-CS8	6/17/2010	Dichlorodifluoromethane	4.09	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T3-CS8	6/17/2010	Diethyl Phthalate	23.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T3-CS8	6/17/2010	Diethylene Glycol	3920	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS8	6/17/2010	Dimethoate	32.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS8	6/17/2010	Dimethyl Phthalate	26.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T3-CS8	6/17/2010	Dimethyl Terephthalate	29	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T3-CS8	6/17/2010	Di-N-Butyl Phthalate	109	UG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T3-CS8	6/17/2010	Diphenyl Amine	24.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T3-CS8	6/17/2010	Diphenyl Ether	4230	UG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T3-CS8	6/17/2010	Ethyl Chloride	0.605	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T3-CS8	6/17/2010	Ethyl Methacrylate	0.698	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T3-CS8	6/17/2010	Ethyl Methanesulfonate	45.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS8	6/17/2010	Ethylbenzene	0.738	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T3-CS8	6/17/2010	Ethylene Glycol	4150	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS8	6/17/2010	Fluoranthene	26.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS8	6/17/2010	Fluorene	25.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T3-CS8	6/17/2010	Hexachlorobenzene	30.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T3-CS8	6/17/2010	Hexachlorobutadiene	44.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS8	6/17/2010	Hexachlorocyclopentadiene	185	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T3-CS8	6/17/2010	Hexachloroethane	47.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T3-CS8	6/17/2010	Hexachloropropylene	87.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T3-CS8	6/17/2010	Indeno (1,2,3-CD) Pyrene	56.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T3-CS8	6/17/2010	Iodomethane	0.534	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS8	6/17/2010	Isobutyl Alcohol	25.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS8	6/17/2010	Isodrin	31.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T3-CS8	6/17/2010	Isophorone	46.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T3-CS8	6/17/2010	Isosafrole	42.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS8	6/17/2010	Lead	6.45	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T3-CS8	6/17/2010	Mercury	0.194	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T3-CS8	6/17/2010	Methacrylonitrile	5.41	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS8	6/17/2010	Methanol	1650	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS8	6/17/2010	Methapyrilene	66.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T3-CS8	6/17/2010	Methyl Bromide	0.57	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T3-CS8	6/17/2010	Methyl Chloride	0.54	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T3-CS8	6/17/2010	Methyl Ethyl Ketone	1.59	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T3-CS8	6/17/2010	Methyl Isobutyl Ketone	1.46	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T3-CS8	6/17/2010	Methyl Methacrylate	0.701	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T3-CS8	6/17/2010	Methyl Methanesulfonate	46.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T3-CS8	6/17/2010	Methylene Bromide	0.77	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T3-CS8	6/17/2010	Methylene Chloride	0.783	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T3-CS8	6/17/2010	Naphthalene	34.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T3-CS8	6/17/2010	N-Dioctyl Phthalate	133	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T3-CS8	6/17/2010	Nickel	1.87	MG/KG	J	J		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T3-CS8	6/17/2010	Nitrobenzene	53.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T3-CS8	6/17/2010	N-Nitroso(Methyl)Ethylamine	38.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T3-CS8	6/17/2010	N-Nitrosodiethylamine	36.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T3-CS8	6/17/2010	N-Nitrosodimethylamine	38	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T3-CS8	6/17/2010	N-Nitroso-Di-N-Butylamine	43.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T3-CS8	6/17/2010	N-Nitrosodi-N-Propylamine	26.7	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T3-CS8	6/17/2010	N-Nitrosodiphenylamine	24.9	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T3-CS8	6/17/2010	N-Nitrosomorpholine	34.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T3-CS8	6/17/2010	N-Nitrosopiperidine	41	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T3-CS8	6/17/2010	N-Nitrosopyrrolidine	28	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T3-CS8	6/17/2010	O,O,O-Triethylphosphorothioate	30.4	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T3-CS8	6/17/2010	O-Toluidine	48.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T3-CS8	6/17/2010	para-Phenylenediamine	142	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T3-CS8	6/17/2010	Pentachlorobenzene	37.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T3-CS8	6/17/2010	Pentachloroethane	2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T3-CS8	6/17/2010	Pentachloronitrobenzene	87.5	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T3-CS8	6/17/2010	Pentachlorophenol	55.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T3-CS8	6/17/2010	Phenacetin	65.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T3-CS8	6/17/2010	Phenanthrene	24.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T3-CS8	6/17/2010	Phenol	36	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T3-CS8	6/17/2010	Pronamide	165	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T3-CS8	6/17/2010	Propionitrile	6.05	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T3-CS8	6/17/2010	Propylene Glycol	6740	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS8	6/17/2010	Pyrene	25.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T3-CS8	6/17/2010	Pyridine	42.3	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T3-CS8	6/17/2010	Safrole	36.8	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T3-CS8	6/17/2010	Selenium	0.235	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS8	6/17/2010	Silver	0.461	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS8	6/17/2010	Styrene	0.461	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T3-CS8	6/17/2010	Sulfide	86.7	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T3-CS8	6/17/2010	Terephthalic Acid	5.6	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS8	6/17/2010	Tetrachloroethene	1.37	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T3-CS8	6/17/2010	Tetraethyl Dithiopyrophosphate	35.2	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T3-CS8	6/17/2010	Thallium	0.651	MG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T3-CS8	6/17/2010	Thionazin	34	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T3-CS8	6/17/2010	Tin	1.12	MG/KG	J, B	B		Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T3-CS8	6/17/2010	Toluene	0.698	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS8	6/17/2010	trans-1,2-Dichloroethene	0.6	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T3-CS8	6/17/2010	trans-1,3-Dichloropropene	0.553	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T3-CS8	6/17/2010	trans-1,4-Dichlorobutene-2	2.1	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T3-CS8	6/17/2010	Trichloroethene	0.821	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T3-CS8	6/17/2010	Trichlorofluoromethane	0.899	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T3-CS8	6/17/2010	Triethylene Glycol	4670	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T3-CS8	6/17/2010	Vanadium	14.2	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T3-CS8	6/17/2010	Vinyl Acetate	0.927	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T3-CS8	6/17/2010	Vinyl Chloride	0.666	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T3-CS8	6/17/2010	Xylenes	1.83	UG/KG				N	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T3-CS8	6/17/2010	Zinc	8.58	MG/KG				Y	3-8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T4	5/23/2006	1,1,1,2-Tetrachloroethane	0.58	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T4	5/23/2006	1,1,1-Trichloroethane	0.82	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T4	5/23/2006	1,1,2,2-Tetrachloroethane	3.4	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T4	5/23/2006	1,1,2-Trichloroethane	0.56	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T4	5/23/2006	1,1-Dichloroethane	0.67	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T4	5/23/2006	1,1-Dichloroethene	0.92	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T4	5/23/2006	1,2,3-Trichloropropane	2.3	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T4	5/23/2006	1,2,4,5-Tetrachlorobenzene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T4	5/23/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T4	5/23/2006	1,2-Dibromo-3-Chloropropane	4.6	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T4	5/23/2006	1,2-Dibromoethane (EDB)	0.81	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T4	5/23/2006	1,2-Dichlorobenzene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T4	5/23/2006	1,2-Dichloroethane	0.82	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T4	5/23/2006	1,2-Dichloropropane	0.73	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T4	5/23/2006	1,2-Diphenylhydrazine	7.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T4	5/23/2006	1,3,5-Trinitrobenzene	280	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T4	5/23/2006	1,3-Dichlorobenzene	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T4	5/23/2006	1,3-Dinitrobenzene	8.4	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T4	5/23/2006	1,4-Dichlorobenzene	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T4	5/23/2006	1,4-Dioxane	59	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T4	5/23/2006	1,4-Naphthoquinone	260	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T4	5/23/2006	1-Naphthylamine	40	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T4	5/23/2006	2,3,4,6-Tetrachlorophenol	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T4	5/23/2006	2,4,5-Trichlorophenol	34	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T4	5/23/2006	2,4,6-Trichlorophenol	43	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T4	5/23/2006	2,4-Dichlorophenol	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T4	5/23/2006	2,4-Dimethylphenol	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T4	5/23/2006	2,4-Dinitrophenol	270	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T4	5/23/2006	2,4-Dinitrotoluene	38	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T4	5/23/2006	2,6-Dichlorophenol	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T4	5/23/2006	2,6-Dinitrotoluene	63	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T4	5/23/2006	2-Acetylaminofluorene	20	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T4	5/23/2006	2-Chloronaphthalene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T4	5/23/2006	2-Chlorophenol	13	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T4	5/23/2006	2-Hexanone	3.2	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T4	5/23/2006	2-Methylnaphthalene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T4	5/23/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T4	5/23/2006	2-Naphthylamine	48	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T4	5/23/2006	2-Nitroaniline	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T4	5/23/2006	2-Nitrophenol	61	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T4	5/23/2006	2-Picoline	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T4	5/23/2006	3,3'-Dichlorobenzidine	38	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T4	5/23/2006	3,3'-Dimethylbenzidine	110	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T4	5/23/2006	3-Methylcholanthrene	9.9	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T4	5/23/2006	3-Nitroaniline	40	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T4	5/23/2006	4,6-Dinitro-2-Methylphenol	320	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T4	5/23/2006	4-Aminobiphenyl	110	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T4	5/23/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T4	5/23/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T4	5/23/2006	4-Chloroaniline	13	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T4	5/23/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T4	5/23/2006	4-Dimethylaminoazobenzene	6.8	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T4	5/23/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T4	5/23/2006	4-Nitroaniline	46	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T4	5/23/2006	4-Nitrophenol	320	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T4	5/23/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T4	5/23/2006	5-Nitro-Ortho-Toluidine	31	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T4	5/23/2006	7,12-Dimethylbenz[A]Anthracene	24	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T4	5/23/2006	Acenaphthene	12	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T4	5/23/2006	Acenaphthylene	8	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T4	5/23/2006	Acetone	1.9	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T4	5/23/2006	Acetonitrile	8.3	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T4	5/23/2006	Acetophenone	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T4	5/23/2006	Acrolein	5.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T4	5/23/2006	Acrylonitrile	7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T4	5/23/2006	Allyl Chloride	0.83	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T4	5/23/2006	Alpha,Alpha-Dimethylphenethylamine	400	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T4	5/23/2006	Aniline	26	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T4	5/23/2006	Anthracene	7.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T4	5/23/2006	Antimony	0.23	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T4	5/23/2006	Aramite	7.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T4	5/23/2006	Arsenic	0.52	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T4	5/23/2006	Barium	8.1	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T4	5/23/2006	Benzene	0.72	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T4	5/23/2006	Benzo(A)Anthracene	11	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T4	5/23/2006	Benzo(B)Fluoranthene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T4	5/23/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T4	5/23/2006	Benzo(K)Fluoranthene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T4	5/23/2006	Benzo[A]Pyrene	7.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T4	5/23/2006	Benzyl Alcohol	29	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T4	5/23/2006	Beryllium	0.0054	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T4	5/23/2006	Biphenyl	27	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T4	5/23/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T4	5/23/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T4	5/23/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T4	5/23/2006	Bis(2-Ethylhexyl)Phthalate	34	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T4	5/23/2006	Bromodichloromethane	0.66	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T4	5/23/2006	Bromoform	1.2	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T4	5/23/2006	Butyl Benzyl Phthalate	31	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T4	5/23/2006	Cadmium	0.024	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T4	5/23/2006	Carbon Disulfide	0.88	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T4	5/23/2006	Carbon Tetrachloride	1.2	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T4	5/23/2006	Chlorobenzene	0.62	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T4	5/23/2006	Chlorobenzilate	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T4	5/23/2006	Chlorodibromomethane	0.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T4	5/23/2006	Chloroform	0.78	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T4	5/23/2006	Chloroprene	1.3	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T4	5/23/2006	Chromium	4	MG/KG				Y	7-7 Feet	FS	Soil	Site Background	42.7
T4	5/23/2006	Chrysene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T4	5/23/2006	cis-1,2 Dichloroethene	0.68	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T4	5/23/2006	cis-1,3-Dichloropropene	0.62	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T4	5/23/2006	Cobalt	0.43	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T4	5/23/2006	Copper	0.38	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T4	5/23/2006	Cyanide	300	UG/KG		UJ		N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T4	5/23/2006	Diallate	26	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T4	5/23/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T4	5/23/2006	Dibenzofuran	13	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T4	5/23/2006	Dichlorodifluoromethane	5	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T4	5/23/2006	Diethyl Phthalate	9.1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T4	5/23/2006	Diethylene Glycol	2600	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T4	5/23/2006	Dimethoate	42	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T4	5/23/2006	Dimethyl Phthalate	27	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T4	5/23/2006	Dimethyl Terephthalate	28	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T4	5/23/2006	Di-N-Butyl Phthalate	10	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T4	5/23/2006	Diphenyl Amine	44	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T4	5/23/2006	Diphenyl Ether	24	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T4	5/23/2006	Ethyl Chloride	0.75	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T4	5/23/2006	Ethyl Methacrylate	0.86	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T4	5/23/2006	Ethyl Methanesulfonate	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T4	5/23/2006	Ethylbenzene	0.91	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T4	5/23/2006	Ethylene Glycol	2500	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T4	5/23/2006	Fluoranthene	11	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T4	5/23/2006	Fluorene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T4	5/23/2006	Hexachlorobenzene	12	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T4	5/23/2006	Hexachlorobutadiene	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T4	5/23/2006	Hexachlorocyclopentadiene	330	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T4	5/23/2006	Hexachloroethane	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T4	5/23/2006	Hexachloropropylene	13	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T4	5/23/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T4	5/23/2006	Iodomethane	0.66	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T4	5/23/2006	Isobutyl Alcohol	31	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T4	5/23/2006	Isodrin	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T4	5/23/2006	Isophorone	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T4	5/23/2006	Isosafrole	10	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T4	5/23/2006	Lead	5	MG/KG		J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T4	5/23/2006	Mercury	0.032	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T4	5/23/2006	Methacrylonitrile	6.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T4	5/23/2006	Methanol	1700	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T4	5/23/2006	Methapyrilene	97	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T4	5/23/2006	Methyl Bromide	0.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T4	5/23/2006	Methyl Chloride	0.67	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T4	5/23/2006	Methyl Ethyl Ketone	2	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T4	5/23/2006	Methyl Isobutyl Ketone	1.8	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T4	5/23/2006	Methyl Methacrylate	0.86	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T4	5/23/2006	Methyl Methanesulfonate	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000

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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T4	5/23/2006	Methylene Bromide	0.95	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T4	5/23/2006	Methylene Chloride	0.97	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T4	5/23/2006	Naphthalene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T4	5/23/2006	N-Dioctyl Phthalate	20	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T4	5/23/2006	Nickel	1.4	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T4	5/23/2006	Nitrobenzene	20	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T4	5/23/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T4	5/23/2006	N-Nitrosodiethylamine	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T4	5/23/2006	N-Nitrosodimethylamine	12	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T4	5/23/2006	N-Nitroso-Di-N-Butylamine	20	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T4	5/23/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T4	5/23/2006	N-Nitrosodiphenylamine	44	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T4	5/23/2006	N-Nitrosomorpholine	27	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T4	5/23/2006	N-Nitrosopiperidine	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T4	5/23/2006	N-Nitrosopyrrolidine	12	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T4	5/23/2006	O,O,O-Triethylphosphorothioate	31	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T4	5/23/2006	O-Toluidine	11	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T4	5/23/2006	para-Phenylenediamine	450	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T4	5/23/2006	Pentachlorobenzene	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T4	5/23/2006	Pentachloroethane	2.5	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T4	5/23/2006	Pentachloronitrobenzene	21	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T4	5/23/2006	Pentachlorophenol	300	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T4	5/23/2006	Phenacetin	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T4	5/23/2006	Phenanthrene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T4	5/23/2006	Phenol	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T4	5/23/2006	Pronamide	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T4	5/23/2006	Propionitrile	7.5	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T4	5/23/2006	Propylene Glycol	3200	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T4	5/23/2006	Pyrene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T4	5/23/2006	Pyridine	47	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T4	5/23/2006	Safrole	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T4	5/23/2006	Selenium	0.28	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T4	5/23/2006	Silver	0.14	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T4	5/23/2006	Styrene	0.57	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T4	5/23/2006	Sulfide	95.9	MG/KG		UJ		N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T4	5/23/2006	Terephthalic Acid	6.1	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T4	5/23/2006	Tetrachloroethene	2.9	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T4	5/23/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T4	5/23/2006	Thallium	0.23	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T4	5/23/2006	Thionazin	33	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T4	5/23/2006	Tin	0.95	MG/KG	B J	B		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T4	5/23/2006	Toluene	0.86	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T4	5/23/2006	trans-1,2-Dichloroethene	0.74	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T4	5/23/2006	trans-1,3-Dichloropropene	0.68	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T4	5/23/2006	trans-1,4-Dichlorobutene-2	2.6	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T4	5/23/2006	Trichloroethene	1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T4	5/23/2006	Trichlorofluoromethane	1.1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T4	5/23/2006	Triethylene Glycol	3400	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T4	5/23/2006	Vanadium	4.1	MG/KG				Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T4	5/23/2006	Vinyl Acetate	1.1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T4	5/23/2006	Vinyl Chloride	0.82	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T4	5/23/2006	Xylenes	2.3	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T4	5/23/2006	Zinc	1.9	MG/KG	J	B		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T5	5/22/2006	1,1,1,2-Tetrachloroethane	0.58	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T5	5/22/2006	1,1,1-Trichloroethane	0.82	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T5	5/22/2006	1,1,2,2-Tetrachloroethane	3.4	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T5	5/22/2006	1,1,2-Trichloroethane	0.56	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T5	5/22/2006	1,1-Dichloroethane	0.66	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T5	5/22/2006	1,1-Dichloroethene	0.92	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T5	5/22/2006	1,2,3-Trichloropropane	2.3	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T5	5/22/2006	1,2,4,5-Tetrachlorobenzene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T5	5/22/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T5	5/22/2006	1,2-Dibromo-3-Chloropropane	4.6	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T5	5/22/2006	1,2-Dibromoethane (EDB)	0.81	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T5	5/22/2006	1,2-Dichlorobenzene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T5	5/22/2006	1,2-Dichloroethane	0.82	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T5	5/22/2006	1,2-Dichloropropane	0.73	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T5	5/22/2006	1,2-Diphenylhydrazine	7.9	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T5	5/22/2006	1,3,5-Trinitrobenzene	290	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T5	5/22/2006	1,3-Dichlorobenzene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T5	5/22/2006	1,3-Dinitrobenzene	8.7	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T5	5/22/2006	1,4-Dichlorobenzene	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T5	5/22/2006	1,4-Dioxane	61	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T5	5/22/2006	1,4-Naphthoquinone	270	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T5	5/22/2006	1-Naphthylamine	41	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T5	5/22/2006	2,3,4,6-Tetrachlorophenol	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T5	5/22/2006	2,4,5-Trichlorophenol	35	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T5	5/22/2006	2,4,6-Trichlorophenol	45	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T5	5/22/2006	2,4-Dichlorophenol	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T5	5/22/2006	2,4-Dimethylphenol	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T5	5/22/2006	2,4-Dinitrophenol	280	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T5	5/22/2006	2,4-Dinitrotoluene	39	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T5	5/22/2006	2,6-Dichlorophenol	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T5	5/22/2006	2,6-Dinitrotoluene	65	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T5	5/22/2006	2-Acetylaminofluorene	21	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T5	5/22/2006	2-Chloronaphthalene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T5	5/22/2006	2-Chlorophenol	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T5	5/22/2006	2-Hexanone	3.2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T5	5/22/2006	2-Methylnaphthalene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T5	5/22/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T5	5/22/2006	2-Naphthylamine	49	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T5	5/22/2006	2-Nitroaniline	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T5	5/22/2006	2-Nitrophenol	63	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T5	5/22/2006	2-Picoline	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T5	5/22/2006	3,3'-Dichlorobenzidine	39	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T5	5/22/2006	3,3'-Dimethylbenzidine	120	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T5	5/22/2006	3-Methylcholanthrene	10	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T5	5/22/2006	3-Nitroaniline	41	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T5	5/22/2006	4,6-Dinitro-2-Methylphenol	330	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T5	5/22/2006	4-Aminobiphenyl	110	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T5	5/22/2006	4-Bromophenyl Phenyl Ether	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T5	5/22/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T5	5/22/2006	4-Chloroaniline	13	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T5	5/22/2006	4-Chlorophenyl Phenyl Ether	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T5	5/22/2006	4-Dimethylaminoazobenzene	7	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T5	5/22/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T5	5/22/2006	4-Nitroaniline	48	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T5	5/22/2006	4-Nitrophenol	330	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T5	5/22/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T5	5/22/2006	5-Nitro-Ortho-Toluidine	32	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T5	5/22/2006	7,12-Dimethylbenz[A]Anthracene	25	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T5	5/22/2006	Acenaphthene	12	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T5	5/22/2006	Acenaphthylene	8.3	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T5	5/22/2006	Acetone	3	UG/KG	J	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T5	5/22/2006	Acetonitrile	8.2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T5	5/22/2006	Acetophenone	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T5	5/22/2006	Acrolein	5.7	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T5	5/22/2006	Acrylonitrile	7	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T5	5/22/2006	Allyl Chloride	0.82	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T5	5/22/2006	Alpha,Alpha-Dimethylphenethylamine	410	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T5	5/22/2006	Aniline	27	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T5	5/22/2006	Anthracene	8	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T5	5/22/2006	Antimony	1.4	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T5	5/22/2006	Aramite	7.9	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T5	5/22/2006	Barium	401	MG/KG				Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T5	5/22/2006	Benzene	0.71	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T5	5/22/2006	Benzo(A)Anthracene	11	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T5	5/22/2006	Benzo(B)Fluoranthene	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T5	5/22/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T5	5/22/2006	Benzo(K)Fluoranthene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T5	5/22/2006	Benzo[A]Pyrene	7.9	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T5	5/22/2006	Benzyl Alcohol	30	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T5	5/22/2006	Beryllium	1.1	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T5	5/22/2006	Biphenyl	27	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T5	5/22/2006	Bis(2-Chloro-1-Methylethyl) Ether	21	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T5	5/22/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T5	5/22/2006	Bis(2-Chloroethyl)Ether	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T5	5/22/2006	Bis(2-Ethylhexyl)Phthalate	35	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T5	5/22/2006	Bromodichloromethane	0.66	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T5	5/22/2006	Bromoform	1.2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T5	5/22/2006	Butyl Benzyl Phthalate	32	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T5	5/22/2006	Cadmium	0.15	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T5	5/22/2006	Carbon Disulfide	0.88	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T5	5/22/2006	Carbon Tetrachloride	1.2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T5	5/22/2006	Chlorobenzene	0.62	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T5	5/22/2006	Chlorobenzilate	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T5	5/22/2006	Chlorodibromomethane	0.7	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T5	5/22/2006	Chloroform	0.78	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T5	5/22/2006	Chloroprene	1.3	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T5	5/22/2006	Chromium	38.1	MG/KG				Y	7.8-7.8 Feet	FS	Soil	Site Background	42.7
T5	5/22/2006	Chrysene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T5	5/22/2006	cis-1,2 Dichloroethene	0.68	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T5	5/22/2006	cis-1,3-Dichloropropene	0.62	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T5	5/22/2006	Cobalt	1.4	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T5	5/22/2006	Copper	0.69	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T5	5/22/2006	Cyanide	300	UG/KG		UJ		N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T5	5/22/2006	Diallate	26	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T5	5/22/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T5	5/22/2006	Dibenzofuran	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T5	5/22/2006	Dichlorodifluoromethane	5	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T5	5/22/2006	Diethyl Phthalate	9.4	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T5	5/22/2006	Diethylene Glycol	2700	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T5	5/22/2006	Dimethoate	44	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T5	5/22/2006	Dimethyl Phthalate	28	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T5	5/22/2006	Dimethyl Terephthalate	29	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T5	5/22/2006	Di-N-Butyl Phthalate	11	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T5	5/22/2006	Diphenyl Amine	45	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T5	5/22/2006	Diphenyl Ether	25	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T5	5/22/2006	Ethyl Chloride	0.74	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T5	5/22/2006	Ethyl Methacrylate	0.86	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T5	5/22/2006	Ethyl Methanesulfonate	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T5	5/22/2006	Ethylbenzene	0.91	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T5	5/22/2006	Ethylene Glycol	2600	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T5	5/22/2006	Fluoranthene	11	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T5	5/22/2006	Fluorene	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T5	5/22/2006	Hexachlorobenzene	12	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T5	5/22/2006	Hexachlorobutadiene	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T5	5/22/2006	Hexachlorocyclopentadiene	340	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T5	5/22/2006	Hexachloroethane	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T5	5/22/2006	Hexachloropropylene	13	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T5	5/22/2006	Arsenic	3.8	MG/KG	B	J	Y	Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T5	5/22/2006	Indeno (1,2,3-CD) Pyrene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T5	5/22/2006	Iodomethane	0.66	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T5	5/22/2006	Isobutyl Alcohol	31	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T5	5/22/2006	Isodrin	19	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T5	5/22/2006	Isophorone	17	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T5	5/22/2006	Isosafrole	10	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T5	5/22/2006	Lead	15	MG/KG		J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T5	5/22/2006	Mercury	0.032	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T5	5/22/2006	Methacrylonitrile	6.7	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T5	5/22/2006	Methanol	1800	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T5	5/22/2006	Methapyrilene	100	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T5	5/22/2006	Methyl Bromide	0.7	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T5	5/22/2006	Methyl Chloride	0.66	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T5	5/22/2006	Methyl Ethyl Ketone	2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T5	5/22/2006	Methyl Isobutyl Ketone	1.8	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T5	5/22/2006	Methyl Methacrylate	0.86	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T5	5/22/2006	Methyl Methanesulfonate	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T5	5/22/2006	Methylene Bromide	0.95	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T5	5/22/2006	Methylene Chloride	0.96	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T5	5/22/2006	Naphthalene	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T5	5/22/2006	N-Dioctyl Phthalate	20	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T5	5/22/2006	Nickel	4.6	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T5	5/22/2006	Nitrobenzene	21	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T5	5/22/2006	N-Nitroso(Methyl)Ethylamine	31	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T5	5/22/2006	N-Nitrosodiethylamine	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T5	5/22/2006	N-Nitrosodimethylamine	12	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T5	5/22/2006	N-Nitroso-Di-N-Butylamine	21	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T5	5/22/2006	N-Nitrosodi-N-Propylamine	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T5	5/22/2006	N-Nitrosodiphenylamine	45	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T5	5/22/2006	N-Nitrosomorpholine	28	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T5	5/22/2006	N-Nitrosopiperidine	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T5	5/22/2006	N-Nitrosopyrrolidine	13	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T5	5/22/2006	O,O,O-Triethylphosphorothioate	32	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T5	5/22/2006	O-Toluidine	12	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T5	5/22/2006	para-Phenylenediamine	460	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T5	5/22/2006	Pentachlorobenzene	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T5	5/22/2006	Pentachloroethane	2.5	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T5	5/22/2006	Pentachloronitrobenzene	22	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T5	5/22/2006	Pentachlorophenol	310	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T5	5/22/2006	Phenacetin	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T5	5/22/2006	Phenanthrene	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T5	5/22/2006	Phenol	15	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T5	5/22/2006	Pronamide	18	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T5	5/22/2006	Propionitrile	7.4	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T5	5/22/2006	Propylene Glycol	3300	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T5	5/22/2006	Pyrene	14	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T5	5/22/2006	Pyridine	49	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T5	5/22/2006	Safrole	16	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T5	5/22/2006	Selenium	1.7	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T5	5/22/2006	Silver	0.87	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T5	5/22/2006	Styrene	0.57	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T5	5/22/2006	Sulfide	99.1	MG/KG		UJ		N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T5	5/22/2006	Terephthalic Acid	6.3	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T5	5/22/2006	Tetrachloroethene	13	UG/KG				Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T5	5/22/2006	Tetraethyl Dithiopyrophosphate	29	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T5	5/22/2006	Thallium	1.4	MG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T5	5/22/2006	Thionazin	34	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T5	5/22/2006	Tin	3	MG/KG	B J	B		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T5	5/22/2006	Toluene	0.86	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T5	5/22/2006	trans-1,2-Dichloroethene	0.74	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T5	5/22/2006	trans-1,3-Dichloropropene	0.68	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T5	5/22/2006	trans-1,4-Dichlorobutene-2	2.6	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T5	5/22/2006	Trichloroethene	1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T5	5/22/2006	Trichlorofluoromethane	1.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T5	5/22/2006	Triethylene Glycol	3500	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T5	5/22/2006	Vanadium	21.2	MG/KG	B	J		Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T5	5/22/2006	Vinyl Acetate	1.1	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T5	5/22/2006	Vinyl Chloride	0.82	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T5	5/22/2006	Xylenes	2.2	UG/KG				N	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T5	5/22/2006	Zinc	10.8	MG/KG	J			Y	7.8-7.8 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T6	5/22/2006	1,1,1,2-Tetrachloroethane	0.58	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T6	5/22/2006	1,1,1-Trichloroethane	0.82	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T6	5/22/2006	1,1,2,2-Tetrachloroethane	3.4	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T6	5/22/2006	1,1,2-Trichloroethane	0.56	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T6	5/22/2006	1,1-Dichloroethane	0.66	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T6	5/22/2006	1,1-Dichloroethene	0.92	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T6	5/22/2006	1,2,3-Trichloropropane	2.2	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T6	5/22/2006	1,2,4,5-Tetrachlorobenzene	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T6	5/22/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T6	5/22/2006	1,2-Dibromo-3-Chloropropane	4.6	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T6	5/22/2006	1,2-Dibromoethane (EDB)	0.8	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T6	5/22/2006	1,2-Dichlorobenzene	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T6	5/22/2006	1,2-Dichloroethane	0.82	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T6	5/22/2006	1,2-Dichloropropane	0.72	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T6	5/22/2006	1,2-Diphenylhydrazine	7.8	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T6	5/22/2006	1,3,5-Trinitrobenzene	290	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T6	5/22/2006	1,3-Dichlorobenzene	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T6	5/22/2006	1,3-Dinitrobenzene	8.6	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T6	5/22/2006	1,4-Dichlorobenzene	17	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T6	5/22/2006	1,4-Dioxane	60	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T6	5/22/2006	1,4-Naphthoquinone	270	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T6	5/22/2006	1-Naphthylamine	40	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T6	5/22/2006	2,3,4,6-Tetrachlorophenol	17	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T6	5/22/2006	2,4,5-Trichlorophenol	35	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T6	5/22/2006	2,4,6-Trichlorophenol	44	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T6	5/22/2006	2,4-Dichlorophenol	17	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T6	5/22/2006	2,4-Dimethylphenol	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T6	5/22/2006	2,4-Dinitrophenol	270	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T6	5/22/2006	2,4-Dinitrotoluene	38	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T6	5/22/2006	2,6-Dichlorophenol	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T6	5/22/2006	2,6-Dinitrotoluene	64	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T6	5/22/2006	2-Acetylaminofluorene	21	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T6	5/22/2006	2-Chloronaphthalene	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T6	5/22/2006	2-Chlorophenol	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T6	5/22/2006	2-Hexanone	3.2	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T6	5/22/2006	2-Methylnaphthalene	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T6	5/22/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T6	5/22/2006	2-Naphthylamine	48	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T6	5/22/2006	2-Nitroaniline	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T6	5/22/2006	2-Nitrophenol	62	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T6	5/22/2006	2-Picoline	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T6	5/22/2006	3,3'-Dichlorobenzidine	39	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T6	5/22/2006	3,3'-Dimethylbenzidine	120	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T6	5/22/2006	3-Methylcholanthrene	10	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T6	5/22/2006	3-Nitroaniline	40	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T6	5/22/2006	4,6-Dinitro-2-Methylphenol	320	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T6	5/22/2006	4-Aminobiphenyl	110	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T6	5/22/2006	4-Bromophenyl Phenyl Ether	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T6	5/22/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T6	5/22/2006	4-Chloroaniline	13	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T6	5/22/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T6	5/22/2006	4-Dimethylaminoazobenzene	6.9	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T6	5/22/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T6	5/22/2006	4-Nitroaniline	47	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T6	5/22/2006	4-Nitrophenol	330	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T6	5/22/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T6	5/22/2006	5-Nitro-Ortho-Toluidine	31	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T6	5/22/2006	7,12-Dimethylbenz[A]Anthracene	25	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T6	5/22/2006	Acenaphthene	12	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T6	5/22/2006	Acenaphthylene	8.1	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T6	5/22/2006	Acetone	30	UG/KG	J	J		Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T6	5/22/2006	Acetonitrile	8.2	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T6	5/22/2006	Acetophenone	17	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T6	5/22/2006	Acrolein	5.7	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T6	5/22/2006	Acrylonitrile	7	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T6	5/22/2006	Allyl Chloride	0.82	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T6	5/22/2006	Alpha,Alpha-Dimethylphenethylamine	410	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T6	5/22/2006	Aniline	27	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T6	5/22/2006	Anthracene	7.9	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T6	5/22/2006	Antimony	0.34	MG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T6	5/22/2006	Aramite	7.8	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T6	5/22/2006	Barium	265	MG/KG				Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T6	5/22/2006	Benzene	0.71	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T6	5/22/2006	Benzo(A)Anthracene	11	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T6	5/22/2006	Benzo(B)Fluoranthene	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T6	5/22/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T6	5/22/2006	Benzo(K)Fluoranthene	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T6	5/22/2006	Benzo[A]Pyrene	7.8	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T6	5/22/2006	Benzyl Alcohol	29	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T6	5/22/2006	Beryllium	0.38	MG/KG	B	J		Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T6	5/22/2006	Biphenyl	27	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T6	5/22/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T6	5/22/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T6	5/22/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T6	5/22/2006	Bis(2-Ethylhexyl)Phthalate	34	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T6	5/22/2006	Bromodichloromethane	0.66	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T6	5/22/2006	Bromoform	1.2	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T6	5/22/2006	Butyl Benzyl Phthalate	32	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T6	5/22/2006	Cadmium	0.037	MG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T6	5/22/2006	Carbon Disulfide	0.88	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T6	5/22/2006	Carbon Tetrachloride	1.2	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T6	5/22/2006	Chlorobenzene	0.62	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T6	5/22/2006	Chlorobenzilate	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T6	5/22/2006	Chlorodibromomethane	0.69	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T6	5/22/2006	Chloroform	0.78	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T6	5/22/2006	Chloroprene	1.3	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T6	5/22/2006	Chromium	27.5	MG/KG				Y	6.4-6.4 Feet	FS	Soil	Site Background	42.7
T6	5/22/2006	Chrysene	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T6	5/22/2006	cis-1,2 Dichloroethene	0.67	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T6	5/22/2006	cis-1,3-Dichloropropene	0.62	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T6	5/22/2006	Cobalt	0.98	MG/KG	B	J		Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T6	5/22/2006	Copper	2.6	MG/KG	B	J		Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T6	5/22/2006	Cyanide	300	UG/KG		UJ		N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T6	5/22/2006	Diallate	26	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T6	5/22/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T6	5/22/2006	Dibenzofuran	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T6	5/22/2006	Dichlorodifluoromethane	5	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T6	5/22/2006	Diethyl Phthalate	9.3	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T6	5/22/2006	Diethylene Glycol	2700	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T6	5/22/2006	Dimethoate	43	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T6	5/22/2006	Dimethyl Phthalate	28	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T6	5/22/2006	Dimethyl Terephthalate	29	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T6	5/22/2006	Di-N-Butyl Phthalate	10	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T6	5/22/2006	Diphenyl Amine	45	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T6	5/22/2006	Diphenyl Ether	24	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T6	5/22/2006	Ethyl Chloride	0.74	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T6	5/22/2006	Ethyl Methacrylate	0.85	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T6	5/22/2006	Ethyl Methanesulfonate	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T6	5/22/2006	Ethylbenzene	0.9	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T6	5/22/2006	Ethylene Glycol	2500	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T6	5/22/2006	Fluoranthene	11	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T6	5/22/2006	Fluorene	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T6	5/22/2006	Hexachlorobenzene	12	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T6	5/22/2006	Hexachlorobutadiene	18	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T6	5/22/2006	Hexachlorocyclopentadiene	330	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T6	5/22/2006	Hexachloroethane	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T6	5/22/2006	Hexachloropropylene	13	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T6	5/22/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T6	5/22/2006	Iodomethane	0.65	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T6	5/22/2006	Isobutyl Alcohol	31	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T6	5/22/2006	Isodrin	18	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T6	5/22/2006	Isophorone	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T6	5/22/2006	Isosafrole	10	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T6	5/22/2006	Arsenic	2.9	MG/KG			Y	Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T6	5/22/2006	Lead	10.8	MG/KG		J		Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T6	5/22/2006	Mercury	0.014	MG/KG	B	J		Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T6	5/22/2006	Methacrylonitrile	6.6	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T6	5/22/2006	Methanol	1800	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T6	5/22/2006	Methapyrilene	98	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T6	5/22/2006	Methyl Bromide	0.7	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T6	5/22/2006	Methyl Chloride	0.66	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T6	5/22/2006	Methyl Ethyl Ketone	1.9	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T6	5/22/2006	Methyl Isobutyl Ketone	1.8	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T6	5/22/2006	Methyl Methacrylate	0.86	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T6	5/22/2006	Methyl Methanesulfonate	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T6	5/22/2006	Methylene Bromide	0.94	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T6	5/22/2006	Methylene Chloride	0.96	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T6	5/22/2006	Naphthalene	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T6	5/22/2006	N-Dioctyl Phthalate	20	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T6	5/22/2006	Nickel	4.6	MG/KG				Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T6	5/22/2006	Nitrobenzene	21	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T6	5/22/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T6	5/22/2006	N-Nitrosodiethylamine	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T6	5/22/2006	N-Nitrosodimethylamine	12	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T6	5/22/2006	N-Nitroso-Di-N-Butylamine	21	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T6	5/22/2006	N-Nitrosodi-N-Propylamine	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T6	5/22/2006	N-Nitrosodiphenylamine	45	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T6	5/22/2006	N-Nitrosomorpholine	27	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T6	5/22/2006	N-Nitrosopiperidine	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T6	5/22/2006	N-Nitrosopyrrolidine	12	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T6	5/22/2006	O,O,O-Triethylphosphorothioate	32	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T6	5/22/2006	O-Toluidine	11	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T6	5/22/2006	para-Phenylenediamine	460	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T6	5/22/2006	Pentachlorobenzene	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T6	5/22/2006	Pentachloroethane	2.4	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T6	5/22/2006	Pentachloronitrobenzene	22	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T6	5/22/2006	Pentachlorophenol	310	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T6	5/22/2006	Phenacetin	18	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T6	5/22/2006	Phenanthrene	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T6	5/22/2006	Phenol	15	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T6	5/22/2006	Pronamide	18	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T6	5/22/2006	Propionitrile	7.4	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T6	5/22/2006	Propylene Glycol	3200	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T6	5/22/2006	Pyrene	14	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T6	5/22/2006	Pyridine	48	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T6	5/22/2006	Safrole	16	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T6	5/22/2006	Selenium	0.42	MG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T6	5/22/2006	Silver	0.21	MG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T6	5/22/2006	Styrene	0.56	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T6	5/22/2006	Sulfide	97.5	MG/KG		UJ		N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T6	5/22/2006	Terephthalic Acid	6.2	MG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T6	5/22/2006	Tetrachloroethene	4.2	UG/KG	J	J		Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T6	5/22/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T6	5/22/2006	Thallium	0.35	MG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T6	5/22/2006	Thionazin	33	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T6	5/22/2006	Tin	1.1	MG/KG	B J	B		Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T6	5/22/2006	Toluene	0.85	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T6	5/22/2006	trans-1,2-Dichloroethene	0.73	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T6	5/22/2006	trans-1,3-Dichloropropene	0.68	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T6	5/22/2006	trans-1,4-Dichlorobutene-2	2.6	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T6	5/22/2006	Trichloroethene	1	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T6	5/22/2006	Trichlorofluoromethane	1.1	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T6	5/22/2006	Triethylene Glycol	3500	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T6	5/22/2006	Vanadium	22.7	MG/KG				Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T6	5/22/2006	Vinyl Acetate	1.1	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T6	5/22/2006	Vinyl Chloride	0.82	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T6	5/22/2006	Xylenes	2.2	UG/KG				N	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T6	5/22/2006	Zinc	10.4	MG/KG	J			Y	6.4-6.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T7	5/23/2006	1,1,1,2-Tetrachloroethane	0.57	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T7	5/23/2006	1,1,1-Trichloroethane	0.81	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T7	5/23/2006	1,1,2,2-Tetrachloroethane	3.4	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T7	5/23/2006	1,1,2-Trichloroethane	0.55	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T7	5/23/2006	1,1-Dichloroethane	0.66	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T7	5/23/2006	1,1-Dichloroethene	0.91	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T7	5/23/2006	1,2,3-Trichloropropane	2.2	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T7	5/23/2006	1,2,4,5-Tetrachlorobenzene	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T7	5/23/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T7	5/23/2006	1,2-Dibromo-3-Chloropropane	4.5	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T7	5/23/2006	1,2-Dibromoethane (EDB)	0.8	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T7	5/23/2006	1,2-Dichlorobenzene	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T7	5/23/2006	1,2-Dichloroethane	0.81	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T7	5/23/2006	1,2-Dichloropropane	0.72	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T7	5/23/2006	1,2-Diphenylhydrazine	7.8	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T7	5/23/2006	1,3,5-Trinitrobenzene	290	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T7	5/23/2006	1,3-Dichlorobenzene	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T7	5/23/2006	1,3-Dinitrobenzene	8.6	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T7	5/23/2006	1,4-Dichlorobenzene	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T7	5/23/2006	1,4-Dioxane	60	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T7	5/23/2006	1,4-Naphthoquinone	270	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T7	5/23/2006	1-Naphthylamine	40	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T7	5/23/2006	2,3,4,6-Tetrachlorophenol	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T7	5/23/2006	2,4,5-Trichlorophenol	35	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T7	5/23/2006	2,4,6-Trichlorophenol	44	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T7	5/23/2006	2,4-Dichlorophenol	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T7	5/23/2006	2,4-Dimethylphenol	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T7	5/23/2006	2,4-Dinitrophenol	280	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T7	5/23/2006	2,4-Dinitrotoluene	39	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T7	5/23/2006	2,6-Dichlorophenol	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T7	5/23/2006	2,6-Dinitrotoluene	64	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T7	5/23/2006	2-Acetylaminofluorene	21	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T7	5/23/2006	2-Chloronaphthalene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T7	5/23/2006	2-Chlorophenol	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T7	5/23/2006	2-Hexanone	3.1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T7	5/23/2006	2-Methylnaphthalene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T7	5/23/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T7	5/23/2006	2-Naphthylamine	49	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T7	5/23/2006	2-Nitroaniline	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T7	5/23/2006	2-Nitrophenol	62	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T7	5/23/2006	2-Picoline	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T7	5/23/2006	3,3'-Dichlorobenzidine	39	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T7	5/23/2006	3,3'-Dimethylbenzidine	120	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T7	5/23/2006	3-Methylcholanthrene	10	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T7	5/23/2006	3-Nitroaniline	41	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T7	5/23/2006	4,6-Dinitro-2-Methylphenol	320	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T7	5/23/2006	4-Aminobiphenyl	110	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T7	5/23/2006	4-Bromophenyl Phenyl Ether	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T7	5/23/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T7	5/23/2006	4-Chloroaniline	13	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T7	5/23/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T7	5/23/2006	4-Dimethylaminoazobenzene	6.9	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T7	5/23/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T7	5/23/2006	4-Nitroaniline	47	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T7	5/23/2006	4-Nitrophenol	330	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T7	5/23/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T7	5/23/2006	5-Nitro-Ortho-Toluidine	32	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T7	5/23/2006	7,12-Dimethylbenz[A]Anthracene	25	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T7	5/23/2006	Acenaphthene	12	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T7	5/23/2006	Acenaphthylene	8.1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T7	5/23/2006	Acetone	35	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T7	5/23/2006	Acetonitrile	8.1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T7	5/23/2006	Acetophenone	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T7	5/23/2006	Acrolein	5.7	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T7	5/23/2006	Acrylonitrile	6.9	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T7	5/23/2006	Allyl Chloride	0.81	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T7	5/23/2006	Alpha,Alpha-Dimethylphenethylamine	410	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T7	5/23/2006	Aniline	27	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T7	5/23/2006	Anthracene	7.9	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T7	5/23/2006	Antimony	0.29	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T7	5/23/2006	Aramite	7.8	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T7	5/23/2006	Barium	176	MG/KG				Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T7	5/23/2006	Benzene	0.91	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T7	5/23/2006	Benzo(A)Anthracene	11	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T7	5/23/2006	Benzo(B)Fluoranthene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T7	5/23/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T7	5/23/2006	Benzo(K)Fluoranthene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T7	5/23/2006	Benzo[A]Pyrene	7.8	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T7	5/23/2006	Benzyl Alcohol	29	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T7	5/23/2006	Beryllium	0.32	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T7	5/23/2006	Biphenyl	260	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T7	5/23/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T7	5/23/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T7	5/23/2006	Bis(2-Chloroethyl)Ether	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T7	5/23/2006	Bis(2-Ethylhexyl)Phthalate	68	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T7	5/23/2006	Bromodichloromethane	0.65	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T7	5/23/2006	Bromoform	1.2	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T7	5/23/2006	Butyl Benzyl Phthalate	32	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T7	5/23/2006	Cadmium	0.031	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T7	5/23/2006	Carbon Disulfide	1.1	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T7	5/23/2006	Carbon Tetrachloride	1.2	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T7	5/23/2006	Chlorobenzene	0.61	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T7	5/23/2006	Chlorobenzilate	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T7	5/23/2006	Chlorodibromomethane	0.69	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T7	5/23/2006	Chloroform	0.77	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T7	5/23/2006	Chloroprene	1.3	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T7	5/23/2006	Chromium	26.3	MG/KG				Y	7-7 Feet	FS	Soil	Site Background	42.7
T7	5/23/2006	Chrysene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T7	5/23/2006	cis-1,2 Dichloroethene	0.67	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T7	5/23/2006	cis-1,3-Dichloropropene	0.61	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T7	5/23/2006	Cobalt	0.67	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T7	5/23/2006	Copper	1.6	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T7	5/23/2006	Cyanide	300	UG/KG		UJ		N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T7	5/23/2006	Diallate	26	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T7	5/23/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T7	5/23/2006	Dibenzofuran	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T7	5/23/2006	Dichlorodifluoromethane	5	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T7	5/23/2006	Diethyl Phthalate	9.3	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T7	5/23/2006	Diethylene Glycol	2700	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T7	5/23/2006	Dimethoate	43	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T7	5/23/2006	Dimethyl Phthalate	28	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T7	5/23/2006	Dimethyl Terephthalate	29	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T7	5/23/2006	Di-N-Butyl Phthalate	10	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T7	5/23/2006	Diphenyl Amine	45	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T7	5/23/2006	Diphenyl Ether	1100	UG/KG				Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T7	5/23/2006	Ethyl Chloride	0.73	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T7	5/23/2006	Ethyl Methacrylate	0.85	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T7	5/23/2006	Ethyl Methanesulfonate	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T7	5/23/2006	Ethylbenzene	0.9	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T7	5/23/2006	Ethylene Glycol	2600	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T7	5/23/2006	Fluoranthene	11	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T7	5/23/2006	Fluorene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T7	5/23/2006	Hexachlorobenzene	12	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T7	5/23/2006	Hexachlorobutadiene	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T7	5/23/2006	Hexachlorocyclopentadiene	340	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T7	5/23/2006	Hexachloroethane	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T7	5/23/2006	Hexachloropropylene	13	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T7	5/23/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T7	5/23/2006	Iodomethane	0.65	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T7	5/23/2006	Isobutyl Alcohol	31	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T7	5/23/2006	Isodrin	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T7	5/23/2006	Isophorone	17	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T7	5/23/2006	Isosafrole	10	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T7	5/23/2006	Lead	8	MG/KG		J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T7	5/23/2006	Mercury	0.0069	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T7	5/23/2006	Methacrylonitrile	6.6	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T7	5/23/2006	Methanol	1800	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T7	5/23/2006	Methapyrilene	99	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T7	5/23/2006	Methyl Bromide	0.69	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T7	5/23/2006	Methyl Chloride	0.66	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T7	5/23/2006	Methyl Ethyl Ketone	3.1	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T7	5/23/2006	Methyl Isobutyl Ketone	1.8	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T7	5/23/2006	Methyl Methacrylate	0.85	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T7	5/23/2006	Methyl Methanesulfonate	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T7	5/23/2006	Methylene Bromide	0.93	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T7	5/23/2006	Methylene Chloride	0.95	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T7	5/23/2006	Naphthalene	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T7	5/23/2006	Arsenic	4.1	MG/KG			Y	Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T7	5/23/2006	N-Dioctyl Phthalate	20	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T7	5/23/2006	Nickel	2.9	MG/KG	B	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T7	5/23/2006	Nitrobenzene	21	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T7	5/23/2006	N-Nitroso(Methyl)Ethylamine	31	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T7	5/23/2006	N-Nitrosodiethylamine	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T7	5/23/2006	N-Nitrosodimethylamine	12	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T7	5/23/2006	N-Nitroso-Di-N-Butylamine	21	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T7	5/23/2006	N-Nitrosodi-N-Propylamine	15	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T7	5/23/2006	N-Nitrosodiphenylamine	45	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T7	5/23/2006	N-Nitrosomorpholine	27	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T7	5/23/2006	N-Nitrosopiperidine	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T7	5/23/2006	N-Nitrosopyrrolidine	12	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T7	5/23/2006	O,O,O-Triethylphosphorothioate	32	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T7	5/23/2006	O-Toluidine	11	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T7	5/23/2006	para-Phenylenediamine	460	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T7	5/23/2006	Pentachlorobenzene	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T7	5/23/2006	Pentachloroethane	2.4	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T7	5/23/2006	Pentachloronitrobenzene	22	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T7	5/23/2006	Pentachlorophenol	310	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700

APPENDIX B
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DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T7	5/23/2006	Phenacetin	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T7	5/23/2006	Phenanthrene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T7	5/23/2006	Phenol	24	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T7	5/23/2006	Pronamide	18	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T7	5/23/2006	Propionitrile	7.3	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T7	5/23/2006	Propylene Glycol	3300	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T7	5/23/2006	Pyrene	14	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T7	5/23/2006	Pyridine	48	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T7	5/23/2006	Safrole	16	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T7	5/23/2006	Selenium	0.35	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T7	5/23/2006	Silver	0.18	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T7	5/23/2006	Styrene	0.56	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T7	5/23/2006	Sulfide	97.8	MG/KG		UJ		N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T7	5/23/2006	Terephthalic Acid	6.2	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T7	5/23/2006	Tetrachloroethene	3.9	UG/KG	J	J		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T7	5/23/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T7	5/23/2006	Thallium	0.29	MG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T7	5/23/2006	Thionazin	33	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T7	5/23/2006	Tin	1.5	MG/KG	B J	B		Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T7	5/23/2006	Toluene	0.85	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T7	5/23/2006	trans-1,2-Dichloroethene	0.73	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T7	5/23/2006	trans-1,3-Dichloropropene	0.67	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T7	5/23/2006	trans-1,4-Dichlorobutene-2	2.5	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T7	5/23/2006	Trichloroethene	1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T7	5/23/2006	Trichlorofluoromethane	1.1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T7	5/23/2006	Triethylene Glycol	3500	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T7	5/23/2006	Vanadium	25.8	MG/KG				Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T7	5/23/2006	Vinyl Acetate	1.1	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T7	5/23/2006	Vinyl Chloride	0.81	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T7	5/23/2006	Xylenes	2.2	UG/KG				N	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T7	5/23/2006	Zinc	5.9	MG/KG	J			Y	7-7 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T8	5/23/2006	1,1,1,2-Tetrachloroethane	0.54	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T8	5/23/2006	1,1,1-Trichloroethane	0.77	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T8	5/23/2006	1,1,2,2-Tetrachloroethane	3.2	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T8	5/23/2006	1,1,2-Trichloroethane	0.52	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T8	5/23/2006	1,1-Dichloroethane	0.62	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T8	5/23/2006	1,1-Dichloroethene	0.86	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T8	5/23/2006	1,2,3-Trichloropropane	2.1	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T8	5/23/2006	1,2,4,5-Tetrachlorobenzene	15	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T8	5/23/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T8	5/23/2006	1,2-Dibromo-3-Chloropropane	4.3	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T8	5/23/2006	1,2-Dibromoethane (EDB)	0.75	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T8	5/23/2006	1,2-Dichlorobenzene	15	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T8	5/23/2006	1,2-Dichloroethane	0.76	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T8	5/23/2006	1,2-Dichloropropane	0.68	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T8	5/23/2006	1,2-Diphenylhydrazine	7.6	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T8	5/23/2006	1,3,5-Trinitrobenzene	280	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T8	5/23/2006	1,3-Dichlorobenzene	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T8	5/23/2006	1,3-Dinitrobenzene	8.3	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T8	5/23/2006	1,4-Dichlorobenzene	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T8	5/23/2006	1,4-Dioxane	58	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T8	5/23/2006	1,4-Naphthoquinone	260	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T8	5/23/2006	1-Naphthylamine	39	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T8	5/23/2006	2,3,4,6-Tetrachlorophenol	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T8	5/23/2006	2,4,5-Trichlorophenol	34	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T8	5/23/2006	2,4,6-Trichlorophenol	43	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T8	5/23/2006	2,4-Dichlorophenol	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T8	5/23/2006	2,4-Dimethylphenol	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T8	5/23/2006	2,4-Dinitrophenol	270	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T8	5/23/2006	2,4-Dinitrotoluene	37	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T8	5/23/2006	2,6-Dichlorophenol	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T8	5/23/2006	2,6-Dinitrotoluene	62	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T8	5/23/2006	2-Acetylaminofluorene	20	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T8	5/23/2006	2-Chloronaphthalene	13	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T8	5/23/2006	2-Chlorophenol	13	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T8	5/23/2006	2-Hexanone	3	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T8	5/23/2006	2-Methylnaphthalene	15	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T8	5/23/2006	2-Methylphenol (O-Cresol)	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T8	5/23/2006	2-Naphthylamine	47	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T8	5/23/2006	2-Nitroaniline	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T8	5/23/2006	2-Nitrophenol	60	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T8	5/23/2006	2-Picoline	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T8	5/23/2006	3,3'-Dichlorobenzidine	38	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T8	5/23/2006	3,3'-Dimethylbenzidine	110	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T8	5/23/2006	3-Methylcholanthrene	9.8	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T8	5/23/2006	3-Nitroaniline	39	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T8	5/23/2006	4,6-Dinitro-2-Methylphenol	310	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T8	5/23/2006	4-Aminobiphenyl	110	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T8	5/23/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T8	5/23/2006	4-Chloro-3-Methylphenol	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T8	5/23/2006	4-Chloroaniline	12	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T8	5/23/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T8	5/23/2006	4-Dimethylaminoazobenzene	6.7	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T8	5/23/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T8	5/23/2006	4-Nitroaniline	45	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T8	5/23/2006	4-Nitrophenol	320	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T8	5/23/2006	4-Nitroquinoline-N-Oxide	220	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T8	5/23/2006	5-Nitro-Ortho-Toluidine	30	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T8	5/23/2006	7,12-Dimethylbenz[A]Anthracene	24	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T8	5/23/2006	Acenaphthene	11	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T8	5/23/2006	Acenaphthylene	7.9	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T8	5/23/2006	Acetone	23	UG/KG	J	J		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T8	5/23/2006	Acetonitrile	7.7	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T8	5/23/2006	Acetophenone	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T8	5/23/2006	Acrolein	5.3	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T8	5/23/2006	Acrylonitrile	6.5	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T8	5/23/2006	Allyl Chloride	0.77	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T8	5/23/2006	Alpha,Alpha-Dimethylphenethylamine	400	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T8	5/23/2006	Aniline	26	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T8	5/23/2006	Anthracene	7.6	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T8	5/23/2006	Antimony	0.31	MG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T8	5/23/2006	Aramite	7.6	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T8	5/23/2006	Arsenic	1.6	MG/KG				Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T8	5/23/2006	Barium	39.8	MG/KG				Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T8	5/23/2006	Benzene	0.67	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T8	5/23/2006	Benzo(A)Anthracene	11	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T8	5/23/2006	Benzo(B)Fluoranthene	15	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T8	5/23/2006	Benzo(G,H,I)Perylene	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T8	5/23/2006	Benzo(K)Fluoranthene	13	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T8	5/23/2006	Benzo[A]Pyrene	7.5	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T8	5/23/2006	Benzyl Alcohol	28	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T8	5/23/2006	Beryllium	0.27	MG/KG	B	J		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T8	5/23/2006	Biphenyl	26	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T8	5/23/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T8	5/23/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T8	5/23/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T8	5/23/2006	Bis(2-Ethylhexyl)Phthalate	33	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T8	5/23/2006	Bromodichloromethane	0.62	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T8	5/23/2006	Bromoform	1.1	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T8	5/23/2006	Butyl Benzyl Phthalate	31	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T8	5/23/2006	Cadmium	0.034	MG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T8	5/23/2006	Carbon Disulfide	1.5	UG/KG	J	J		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T8	5/23/2006	Carbon Tetrachloride	1.1	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T8	5/23/2006	Chlorobenzene	0.58	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T8	5/23/2006	Chlorobenzilate	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T8	5/23/2006	Chlorodibromomethane	0.65	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T8	5/23/2006	Chloroform	0.73	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T8	5/23/2006	Chloroprene	1.2	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T8	5/23/2006	Chromium	30.4	MG/KG				Y	7.4-7.4 Feet	FS	Soil	Site Background	42.7
T8	5/23/2006	Chrysene	13	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T8	5/23/2006	cis-1,2 Dichloroethene	0.63	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T8	5/23/2006	cis-1,3-Dichloropropene	0.58	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T8	5/23/2006	Cobalt	1.6	MG/KG	B	J		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T8	5/23/2006	Copper	1.3	MG/KG	B	J		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T8	5/23/2006	Cyanide	290	UG/KG		UJ		N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T8	5/23/2006	Diallate	25	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T8	5/23/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T8	5/23/2006	Dibenzofuran	13	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
T8	5/23/2006	Dichlorodifluoromethane	4.7	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T8	5/23/2006	Diethyl Phthalate	9	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T8	5/23/2006	Diethylene Glycol	2600	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T8	5/23/2006	Dimethoate	42	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T8	5/23/2006	Dimethyl Phthalate	27	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T8	5/23/2006	Dimethyl Terephthalate	28	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T8	5/23/2006	Di-N-Butyl Phthalate	10	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T8	5/23/2006	Diphenyl Amine	43	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T8	5/23/2006	Diphenyl Ether	24	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T8	5/23/2006	Ethyl Chloride	0.69	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T8	5/23/2006	Ethyl Methacrylate	0.8	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T8	5/23/2006	Ethyl Methanesulfonate	15	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T8	5/23/2006	Ethylbenzene	0.85	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T8	5/23/2006	Ethylene Glycol	2500	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T8	5/23/2006	Fluoranthene	11	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T8	5/23/2006	Fluorene	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T8	5/23/2006	Hexachlorobenzene	12	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T8	5/23/2006	Hexachlorobutadiene	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T8	5/23/2006	Hexachlorocyclopentadiene	320	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T8	5/23/2006	Hexachloroethane	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T8	5/23/2006	Hexachloropropylene	12	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T8	5/23/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T8	5/23/2006	Iodomethane	0.61	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T8	5/23/2006	Isobutyl Alcohol	29	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T8	5/23/2006	Isodrin	18	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T8	5/23/2006	Isophorone	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T8	5/23/2006	Isosafrole	9.9	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T8	5/23/2006	Lead	31	MG/KG		J		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T8	5/23/2006	Mercury	0.043	MG/KG	B	J		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T8	5/23/2006	Methacrylonitrile	6.2	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T8	5/23/2006	Methanol	1700	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T8	5/23/2006	Methapyrilene	95	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T8	5/23/2006	Methyl Bromide	0.65	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T8	5/23/2006	Methyl Chloride	0.62	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T8	5/23/2006	Methyl Ethyl Ketone	1.8	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T8	5/23/2006	Methyl Isobutyl Ketone	1.7	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T8	5/23/2006	Methyl Methacrylate	0.8	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T8	5/23/2006	Methyl Methanesulfonate	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T8	5/23/2006	Methylene Bromide	0.88	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T8	5/23/2006	Methylene Chloride	0.9	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T8	5/23/2006	Naphthalene	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T8	5/23/2006	N-Dioctyl Phthalate	19	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T8	5/23/2006	Nickel	4.4	MG/KG				Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T8	5/23/2006	Nitrobenzene	20	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T8	5/23/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T8	5/23/2006	N-Nitrosodiethylamine	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T8	5/23/2006	N-Nitrosodimethylamine	12	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T8	5/23/2006	N-Nitroso-Di-N-Butylamine	20	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T8	5/23/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T8	5/23/2006	N-Nitrosodiphenylamine	43	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T8	5/23/2006	N-Nitrosomorpholine	26	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T8	5/23/2006	N-Nitrosopiperidine	13	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T8	5/23/2006	N-Nitrosopyrrolidine	12	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T8	5/23/2006	O,O,O-Triethylphosphorothioate	31	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T8	5/23/2006	O-Toluidine	11	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T8	5/23/2006	para-Phenylenediamine	440	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
T8	5/23/2006	Pentachlorobenzene	15	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T8	5/23/2006	Pentachloroethane	2.3	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T8	5/23/2006	Pentachloronitrobenzene	21	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T8	5/23/2006	Pentachlorophenol	300	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T8	5/23/2006	Phenacetin	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T8	5/23/2006	Phenanthrene	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T8	5/23/2006	Phenol	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T8	5/23/2006	Pronamide	17	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T8	5/23/2006	Propionitrile	6.9	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T8	5/23/2006	Propylene Glycol	3100	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T8	5/23/2006	Pyrene	14	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T8	5/23/2006	Pyridine	46	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T8	5/23/2006	Safrole	16	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T8	5/23/2006	Selenium	0.38	MG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T8	5/23/2006	Silver	0.19	MG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T8	5/23/2006	Styrene	0.53	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T8	5/23/2006	Sulfide	94.6	MG/KG		UJ		N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T8	5/23/2006	Terephthalic Acid	6	MG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T8	5/23/2006	Tetrachloroethene	3.7	UG/KG	J	J		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T8	5/23/2006	Tetraethyl Dithiopyrophosphate	27	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T8	5/23/2006	Thallium	0.32	MG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T8	5/23/2006	Thionazin	32	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T8	5/23/2006	Tin	0.94	MG/KG	B J	B		Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T8	5/23/2006	Toluene	0.8	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T8	5/23/2006	trans-1,2-Dichloroethene	0.69	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T8	5/23/2006	trans-1,3-Dichloropropene	0.63	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T8	5/23/2006	trans-1,4-Dichlorobutene-2	2.4	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T8	5/23/2006	Trichloroethene	0.94	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T8	5/23/2006	Trichlorofluoromethane	1	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T8	5/23/2006	Triethylene Glycol	3400	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T8	5/23/2006	Vanadium	24.3	MG/KG				Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T8	5/23/2006	Vinyl Acetate	1.1	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T8	5/23/2006	Vinyl Chloride	0.76	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T8	5/23/2006	Xylenes	2.1	UG/KG				N	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T8	5/23/2006	Zinc	11.4	MG/KG	J			Y	7.4-7.4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
T9	5/23/2006	1,1,1,2-Tetrachloroethane	0.53	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
T9	5/23/2006	1,1,1-Trichloroethane	0.75	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
T9	5/23/2006	1,1,2,2-Tetrachloroethane	3.1	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
T9	5/23/2006	1,1,2-Trichloroethane	0.51	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T9	5/23/2006	1,1-Dichloroethane	0.6	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T9	5/23/2006	1,1-Dichloroethene	0.84	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
T9	5/23/2006	1,2,3-Trichloropropane	2	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
T9	5/23/2006	1,2,4,5-Tetrachlorobenzene	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T9	5/23/2006	1,2,4-Trichlorobenzene	17	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
T9	5/23/2006	1,2-Dibromo-3-Chloropropane	4.2	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
T9	5/23/2006	1,2-Dibromoethane (EDB)	0.73	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
T9	5/23/2006	1,2-Dichlorobenzene	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
T9	5/23/2006	1,2-Dichloroethane	0.75	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T9	5/23/2006	1,2-Dichloropropane	0.66	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
T9	5/23/2006	1,2-Diphenylhydrazine	7.7	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T9	5/23/2006	1,3,5-Trinitrobenzene	280	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
T9	5/23/2006	1,3-Dichlorobenzene	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T9	5/23/2006	1,3-Dinitrobenzene	8.4	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T9	5/23/2006	1,4-Dichlorobenzene	17	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
T9	5/23/2006	1,4-Dioxane	59	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T9	5/23/2006	1,4-Naphthoquinone	260	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
T9	5/23/2006	1-Naphthylamine	39	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T9	5/23/2006	2,3,4,6-Tetrachlorophenol	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
T9	5/23/2006	2,4,5-Trichlorophenol	34	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T9	5/23/2006	2,4,6-Trichlorophenol	43	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T9	5/23/2006	2,4-Dichlorophenol	17	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T9	5/23/2006	2,4-Dimethylphenol	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T9	5/23/2006	2,4-Dinitrophenol	270	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
T9	5/23/2006	2,4-Dinitrotoluene	38	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
T9	5/23/2006	2,6-Dichlorophenol	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
T9	5/23/2006	2,6-Dinitrotoluene	63	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T9	5/23/2006	2-Acetylaminofluorene	20	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
T9	5/23/2006	2-Chloronaphthalene	13	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
T9	5/23/2006	2-Chlorophenol	13	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T9	5/23/2006	2-Hexanone	2.9	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T9	5/23/2006	2-Methylnaphthalene	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
T9	5/23/2006	2-Methylphenol (O-Cresol)	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T9	5/23/2006	2-Naphthylamine	47	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
T9	5/23/2006	2-Nitroaniline	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T9	5/23/2006	2-Nitrophenol	61	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
T9	5/23/2006	2-Picoline	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T9	5/23/2006	3,3'-Dichlorobenzidine	38	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
T9	5/23/2006	3,3'-Dimethylbenzidine	110	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
T9	5/23/2006	3-Methylcholanthrene	9.9	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T9	5/23/2006	3-Nitroaniline	40	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T9	5/23/2006	4,6-Dinitro-2-Methylphenol	320	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
T9	5/23/2006	4-Aminobiphenyl	110	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
T9	5/23/2006	4-Bromophenyl Phenyl Ether	13	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
T9	5/23/2006	4-Chloro-3-Methylphenol	18	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T9	5/23/2006	4-Chloroaniline	12	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
T9	5/23/2006	4-Chlorophenyl Phenyl Ether	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000

APPENDIX B
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Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T9	5/23/2006	4-Dimethylaminoazobenzene	6.8	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
T9	5/23/2006	4-Methylphenol (P-Cresol)	120	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T9	5/23/2006	4-Nitroaniline	46	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
T9	5/23/2006	4-Nitrophenol	320	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T9	5/23/2006	4-Nitroquinoline-N-Oxide	230	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
T9	5/23/2006	5-Nitro-Ortho-Toluidine	31	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
T9	5/23/2006	7,12-Dimethylbenz[A]Anthracene	24	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
T9	5/23/2006	Acenaphthene	12	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
T9	5/23/2006	Acenaphthylene	8	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
T9	5/23/2006	Acetone	6.8	UG/KG	J	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T9	5/23/2006	Acetonitrile	7.5	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T9	5/23/2006	Acetophenone	17	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
T9	5/23/2006	Acrolein	5.2	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
T9	5/23/2006	Acrylonitrile	6.4	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
T9	5/23/2006	Allyl Chloride	0.75	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T9	5/23/2006	Alpha,Alpha-Dimethylphenethylamine	400	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
T9	5/23/2006	Aniline	26	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
T9	5/23/2006	Anthracene	7.7	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T9	5/23/2006	Antimony	0.34	MG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
T9	5/23/2006	Aramite	7.7	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
T9	5/23/2006	Arsenic	2.1	MG/KG				Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
T9	5/23/2006	Barium	16.8	MG/KG	B	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
T9	5/23/2006	Benzene	0.65	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
T9	5/23/2006	Benzo(A)Anthracene	18	UG/KG	J	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T9	5/23/2006	Benzo(B)Fluoranthene	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T9	5/23/2006	Benzo(G,H,I)Perylene	17	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
T9	5/23/2006	Benzo(K)Fluoranthene	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
T9	5/23/2006	Benzo[A]Pyrene	9.9	UG/KG	J	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T9	5/23/2006	Benzyl Alcohol	28	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T9	5/23/2006	Beryllium	0.2	MG/KG	B	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
T9	5/23/2006	Biphenyl	26	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T9	5/23/2006	Bis(2-Chloro-1-Methylethyl) Ether	20	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T9	5/23/2006	Bis(2-Chloroethoxy)Methane	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
T9	5/23/2006	Bis(2-Chloroethyl)Ether	17	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
T9	5/23/2006	Bis(2-Ethylhexyl)Phthalate	36	UG/KG	J	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
T9	5/23/2006	Bromodichloromethane	0.6	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
T9	5/23/2006	Bromoform	1.1	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
T9	5/23/2006	Butyl Benzyl Phthalate	31	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
T9	5/23/2006	Cadmium	0.037	MG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
T9	5/23/2006	Carbon Disulfide	0.8	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T9	5/23/2006	Carbon Tetrachloride	1.1	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
T9	5/23/2006	Chlorobenzene	0.56	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
T9	5/23/2006	Chlorobenzilate	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
T9	5/23/2006	Chlorodibromomethane	0.63	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
T9	5/23/2006	Chloroform	0.71	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
T9	5/23/2006	Chloroprene	1.2	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
T9	5/23/2006	Chromium	19.8	MG/KG				Y	7.5-7.5 Feet	FS	Soil	Site Background	42.7
T9	5/23/2006	Chrysene	14	UG/KG	J	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
T9	5/23/2006	cis-1,2 Dichloroethene	0.62	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
T9	5/23/2006	cis-1,3-Dichloropropene	0.56	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T9	5/23/2006	Cobalt	1.1	MG/KG	B	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
T9	5/23/2006	Copper	1.3	MG/KG	B	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
T9	5/23/2006	Cyanide	290	UG/KG		UJ		N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T9	5/23/2006	Diallate	26	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T9	5/23/2006	Dibenz(A,H)Anthracene	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
T9	5/23/2006	Dibenzofuran	13	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T9	5/23/2006	Dichlorodifluoromethane	4.6	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
T9	5/23/2006	Diethyl Phthalate	9.1	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
T9	5/23/2006	Diethylene Glycol	2600	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T9	5/23/2006	Dimethoate	42	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T9	5/23/2006	Dimethyl Phthalate	27	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
T9	5/23/2006	Dimethyl Terephthalate	28	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.50E+03
T9	5/23/2006	Di-N-Butyl Phthalate	10	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
T9	5/23/2006	Diphenyl Amine	44	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.00E+06
T9	5/23/2006	Diphenyl Ether	24	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
T9	5/23/2006	Ethyl Chloride	0.68	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
T9	5/23/2006	Ethyl Methacrylate	0.78	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
T9	5/23/2006	Ethyl Methanesulfonate	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T9	5/23/2006	Ethylbenzene	0.83	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
T9	5/23/2006	Ethylene Glycol	2500	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T9	5/23/2006	Fluoranthene	43	UG/KG	J	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T9	5/23/2006	Fluorene	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
T9	5/23/2006	Hexachlorobenzene	12	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
T9	5/23/2006	Hexachlorobutadiene	18	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T9	5/23/2006	Hexachlorocyclopentadiene	330	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
T9	5/23/2006	Hexachloroethane	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
T9	5/23/2006	Hexachloropropylene	13	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
T9	5/23/2006	Indeno (1,2,3-CD) Pyrene	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
T9	5/23/2006	Iodomethane	0.6	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T9	5/23/2006	Isobutyl Alcohol	28	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T9	5/23/2006	Isodrin	18	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
T9	5/23/2006	Isophorone	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
T9	5/23/2006	Isosafrole	10	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T9	5/23/2006	Lead	9	MG/KG		J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
T9	5/23/2006	Mercury	0.032	MG/KG	B	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
T9	5/23/2006	Methacrylonitrile	6.1	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T9	5/23/2006	Methanol	1700	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T9	5/23/2006	Methapyrilene	96	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
T9	5/23/2006	Methyl Bromide	0.64	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
T9	5/23/2006	Methyl Chloride	0.6	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
T9	5/23/2006	Methyl Ethyl Ketone	1.8	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
T9	5/23/2006	Methyl Isobutyl Ketone	1.6	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
T9	5/23/2006	Methyl Methacrylate	0.78	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
T9	5/23/2006	Methyl Methanesulfonate	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
T9	5/23/2006	Methylene Bromide	0.86	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
T9	5/23/2006	Methylene Chloride	0.88	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
T9	5/23/2006	Naphthalene	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
T9	5/23/2006	N-Dioctyl Phthalate	20	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
T9	5/23/2006	Nickel	3.8	MG/KG	B	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
T9	5/23/2006	Nitrobenzene	20	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
T9	5/23/2006	N-Nitroso(Methyl)Ethylamine	30	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
T9	5/23/2006	N-Nitrosodiethylamine	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
T9	5/23/2006	N-Nitrosodimethylamine	12	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
T9	5/23/2006	N-Nitroso-Di-N-Butylamine	20	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
T9	5/23/2006	N-Nitrosodi-N-Propylamine	14	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
T9	5/23/2006	N-Nitrosodiphenylamine	44	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
T9	5/23/2006	N-Nitrosomorpholine	27	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
T9	5/23/2006	N-Nitrosopiperidine	13	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
T9	5/23/2006	N-Nitrosopyrrolidine	12	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
T9	5/23/2006	O,O,O-Triethylphosphorothioate	31	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
T9	5/23/2006	O-Toluidine	11	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
T9	5/23/2006	para-Phenylenediamine	450	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
T9	5/23/2006	Pentachlorobenzene	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
T9	5/23/2006	Pentachloroethane	2.2	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
T9	5/23/2006	Pentachloronitrobenzene	21	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
T9	5/23/2006	Pentachlorophenol	300	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
T9	5/23/2006	Phenacetin	18	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
T9	5/23/2006	Phenanthrene	21	UG/KG	J	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
T9	5/23/2006	Phenol	15	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
T9	5/23/2006	Pronamide	17	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
T9	5/23/2006	Propionitrile	6.8	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
T9	5/23/2006	Propylene Glycol	3200	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T9	5/23/2006	Pyrene	29	UG/KG	J	J		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
T9	5/23/2006	Pyridine	47	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
T9	5/23/2006	Safrole	16	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
T9	5/23/2006	Selenium	0.42	MG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T9	5/23/2006	Silver	0.21	MG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T9	5/23/2006	Styrene	0.51	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
T9	5/23/2006	Sulfide	95.7	MG/KG		UJ		N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
T9	5/23/2006	Terephthalic Acid	6.1	MG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T9	5/23/2006	Tetrachloroethene	8.5	UG/KG				Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
T9	5/23/2006	Tetraethyl Dithiopyrophosphate	28	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
T9	5/23/2006	Thallium	0.35	MG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
T9	5/23/2006	Thionazin	33	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
T9	5/23/2006	Tin	1.6	MG/KG	B J	B		Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
T9	5/23/2006	Toluene	0.78	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T9	5/23/2006	trans-1,2-Dichloroethene	0.67	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
T9	5/23/2006	trans-1,3-Dichloropropene	0.62	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
T9	5/23/2006	trans-1,4-Dichlorobutene-2	2.3	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
T9	5/23/2006	Trichloroethene	0.92	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
T9	5/23/2006	Trichlorofluoromethane	1	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
T9	5/23/2006	Triethylene Glycol	3400	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
T9	5/23/2006	Vanadium	18.9	MG/KG				Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
T9	5/23/2006	Vinyl Acetate	1	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
T9	5/23/2006	Vinyl Chloride	0.74	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
T9	5/23/2006	Xylenes	2	UG/KG				N	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
T9	5/23/2006	Zinc	7.8	MG/KG	J			Y	7.5-7.5 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
UNIT1-TW-1-S1	10/9/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9300
UNIT1-TW-1-S1	10/9/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
UNIT1-TW-1-S1	10/9/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
UNIT1-TW-1-S1	10/9/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
UNIT1-TW-1-S1	10/9/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2800
UNIT1-TW-1-S1	10/9/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
UNIT1-TW-1-S1	10/9/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
UNIT1-TW-1-S1	10/9/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
UNIT1-TW-1-S1	10/9/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT1-TW-1-S1	10/9/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT1-TW-1-S1	10/9/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
UNIT1-TW-1-S1	10/9/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
UNIT1-TW-1-S1	10/9/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	95
UNIT1-TW-1-S1	10/9/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
UNIT1-TW-1-S1	10/9/2013	1,2,4,5-Tetrachlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
UNIT1-TW-1-S1	10/9/2013	1,2,4,5-Tetrachlorobenzene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
UNIT1-TW-1-S1	10/9/2013	1,2,4-Trichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
UNIT1-TW-1-S1	10/9/2013	1,2,4-Trichlorobenzene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	54000
UNIT1-TW-1-S1	10/9/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
UNIT1-TW-1-S1	10/9/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69
UNIT1-TW-1-S1	10/9/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT1-TW-1-S1	10/9/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	170
UNIT1-TW-1-S1	10/9/2013	1,2-Dichlorobenzene	82	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
UNIT1-TW-1-S1	10/9/2013	1,2-Dichlorobenzene	150	UG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
UNIT1-TW-1-S1	10/9/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
UNIT1-TW-1-S1	10/9/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
UNIT1-TW-1-S1	10/9/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
UNIT1-TW-1-S1	10/9/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4700
UNIT1-TW-1-S1	10/9/2013	1,2-Diphenylhydrazine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
UNIT1-TW-1-S1	10/9/2013	1,2-Diphenylhydrazine	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
UNIT1-TW-1-S1	10/9/2013	1,3,5-Trinitrobenzene	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
UNIT1-TW-1-S1	10/9/2013	1,3,5-Trinitrobenzene	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
UNIT1-TW-1-S1	10/9/2013	1,3-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT1-TW-1-S1	10/9/2013	1,3-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT1-TW-1-S1	10/9/2013	1,3-Dinitrobenzene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
UNIT1-TW-1-S1	10/9/2013	1,3-Dinitrobenzene	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
UNIT1-TW-1-S1	10/9/2013	1,4-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	12000
UNIT1-TW-1-S1	10/9/2013	1,4-Dichlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
UNIT1-TW-1-S1	10/9/2013	1,4-Dioxane	9.6	UG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT1-TW-1-S1	10/9/2013	1,4-Dioxane	7.5	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT1-TW-1-S1	10/9/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
UNIT1-TW-1-S1	10/9/2013	1,4-Naphthoquinone	1100	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2900
UNIT1-TW-1-S1	10/9/2013	1-Naphthylamine	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
UNIT1-TW-1-S1	10/9/2013	1-Naphthylamine	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
UNIT1-TW-1-S1	10/9/2013	2,3,4,6-Tetrachlorophenol	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
UNIT1-TW-1-S1	10/9/2013	2,3,4,6-Tetrachlorophenol	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
UNIT1-TW-1-S1	10/9/2013	2,4,5-Trichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	2,4,5-Trichlorophenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	2,4,6-Trichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
UNIT1-TW-1-S1	10/9/2013	2,4,6-Trichlorophenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
UNIT1-TW-1-S1	10/9/2013	2,4-Dichlorophenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
UNIT1-TW-1-S1	10/9/2013	2,4-Dichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
UNIT1-TW-1-S1	10/9/2013	2,4-Dimethylphenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
UNIT1-TW-1-S1	10/9/2013	2,4-Dimethylphenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
UNIT1-TW-1-S1	10/9/2013	2,4-Dinitrophenol	390	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
UNIT1-TW-1-S1	10/9/2013	2,4-Dinitrophenol	400	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
UNIT1-TW-1-S1	10/9/2013	2,4-Dinitrotoluene	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5500
UNIT1-TW-1-S1	10/9/2013	2,4-Dinitrotoluene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
UNIT1-TW-1-S1	10/9/2013	2,6-Dichlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
UNIT1-TW-1-S1	10/9/2013	2,6-Dichlorophenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	360000
UNIT1-TW-1-S1	10/9/2013	2,6-Dinitrotoluene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT1-TW-1-S1	10/9/2013	2,6-Dinitrotoluene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT1-TW-1-S1	10/9/2013	2-Acetylaminofluorene	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	450
UNIT1-TW-1-S1	10/9/2013	2-Acetylaminofluorene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
UNIT1-TW-1-S1	10/9/2013	2-Chloronaphthalene	9	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
UNIT1-TW-1-S1	10/9/2013	2-Chloronaphthalene	9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
UNIT1-TW-1-S1	10/9/2013	2-Chlorophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
UNIT1-TW-1-S1	10/9/2013	2-Chlorophenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
UNIT1-TW-1-S1	10/9/2013	2-Hexanone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
UNIT1-TW-1-S1	10/9/2013	2-Hexanone	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
UNIT1-TW-1-S1	10/9/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
UNIT1-TW-1-S1	10/9/2013	2-Methylnaphthalene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
UNIT1-TW-1-S1	10/9/2013	2-Methylnaphthalene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
UNIT1-TW-1-S1	10/9/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
UNIT1-TW-1-S1	10/9/2013	2-Methylphenol (O-Cresol)	59	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	2-Methylphenol (O-Cresol)	110	UG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	2-Naphthylamine	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT1-TW-1-S1	10/9/2013	2-Naphthylamine	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	960
UNIT1-TW-1-S1	10/9/2013	2-Nitroaniline	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
UNIT1-TW-1-S1	10/9/2013	2-Nitroaniline	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
UNIT1-TW-1-S1	10/9/2013	2-Nitrophenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2400
UNIT1-TW-1-S1	10/9/2013	2-Nitrophenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
UNIT1-TW-1-S1	10/9/2013	2-Picoline	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
UNIT1-TW-1-S1	10/9/2013	2-Picoline	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
UNIT1-TW-1-S1	10/9/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3800
UNIT1-TW-1-S1	10/9/2013	3,3'-Dichlorobenzidine	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
UNIT1-TW-1-S1	10/9/2013	3,3'-Dimethylbenzidine	660	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
UNIT1-TW-1-S1	10/9/2013	3,3'-Dimethylbenzidine	660	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	160
UNIT1-TW-1-S1	10/9/2013	3-Methylcholanthrene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
UNIT1-TW-1-S1	10/9/2013	3-Methylcholanthrene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
UNIT1-TW-1-S1	10/9/2013	3-Nitroaniline	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
UNIT1-TW-1-S1	10/9/2013	3-Nitroaniline	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
UNIT1-TW-1-S1	10/9/2013	4,6-Dinitro-2-Methylphenol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
UNIT1-TW-1-S1	10/9/2013	4,6-Dinitro-2-Methylphenol	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9800
UNIT1-TW-1-S1	10/9/2013	4-Aminobiphenyl	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82
UNIT1-TW-1-S1	10/9/2013	4-Aminobiphenyl	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
UNIT1-TW-1-S1	10/9/2013	4-Bromophenyl Phenyl Ether	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2200
UNIT1-TW-1-S1	10/9/2013	4-Bromophenyl Phenyl Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
UNIT1-TW-1-S1	10/9/2013	4-Chloro-3-Methylphenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	4-Chloro-3-Methylphenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	4-Chloroaniline	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
UNIT1-TW-1-S1	10/9/2013	4-Chloroaniline	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8600
UNIT1-TW-1-S1	10/9/2013	4-Chlorophenyl Phenyl Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
UNIT1-TW-1-S1	10/9/2013	4-Chlorophenyl Phenyl Ether	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
UNIT1-TW-1-S1	10/9/2013	4-Dimethylaminoazobenzene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
UNIT1-TW-1-S1	10/9/2013	4-Dimethylaminoazobenzene	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	370
UNIT1-TW-1-S1	10/9/2013	4-Methylphenol (P-Cresol)	32	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	4-Methylphenol (P-Cresol)	58	UG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	4-Nitroaniline	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
UNIT1-TW-1-S1	10/9/2013	4-Nitroaniline	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	86000
UNIT1-TW-1-S1	10/9/2013	4-Nitrophenol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT1-TW-1-S1	10/9/2013	4-Nitrophenol	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT1-TW-1-S1	10/9/2013	4-Nitroquinoline-N-Oxide	440	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
UNIT1-TW-1-S1	10/9/2013	4-Nitroquinoline-N-Oxide	440	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	29000
UNIT1-TW-1-S1	10/9/2013	5-Nitro-Ortho-Toluidine	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	190000
UNIT1-TW-1-S1	10/9/2013	5-Nitro-Ortho-Toluidine	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
UNIT1-TW-1-S1	10/9/2013	7,12-Dimethylbenz[A]Anthracene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
UNIT1-TW-1-S1	10/9/2013	7,12-Dimethylbenz[A]Anthracene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
UNIT1-TW-1-S1	10/9/2013	Acenaphthene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
UNIT1-TW-1-S1	10/9/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
UNIT1-TW-1-S1	10/9/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
UNIT1-TW-1-S1	10/9/2013	Acenaphthene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
UNIT1-TW-1-S1	10/9/2013	Acenaphthylene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
UNIT1-TW-1-S1	10/9/2013	Acenaphthylene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
UNIT1-TW-1-S1	10/9/2013	Acenaphthylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
UNIT1-TW-1-S1	10/9/2013	Acenaphthylene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
UNIT1-TW-1-S1	10/9/2013	Acetaldehyde	1300	UG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	52000
UNIT1-TW-1-S1	10/9/2013	Acetaldehyde	1300	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
UNIT1-TW-1-S1	10/9/2013	Acetone	24	UG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT1-TW-1-S1	10/9/2013	Acetone	41	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT1-TW-1-S1	10/9/2013	Acetonitrile	32	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT1-TW-1-S1	10/9/2013	Acetonitrile	34	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT1-TW-1-S1	10/9/2013	Acetophenone	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT1-TW-1-S1	10/9/2013	Acetophenone	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
UNIT1-TW-1-S1	10/9/2013	Acrolein	27	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT1-TW-1-S1	10/9/2013	Acrolein	26	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT1-TW-1-S1	10/9/2013	Acrylonitrile	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT1-TW-1-S1	10/9/2013	Acrylonitrile	5	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT1-TW-1-S1	10/9/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
UNIT1-TW-1-S1	10/9/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
UNIT1-TW-1-S1	10/9/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
UNIT1-TW-1-S1	10/9/2013	Alpha,Alpha-Dimethylphenethylamine	130	UG/KG	U	UJ		N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000000
UNIT1-TW-1-S1	10/9/2013	Aniline	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	300000
UNIT1-TW-1-S1	10/9/2013	Aniline	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
UNIT1-TW-1-S1	10/9/2013	Anthracene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT1-TW-1-S1	10/9/2013	Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT1-TW-1-S1	10/9/2013	Anthracene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT1-TW-1-S1	10/9/2013	Anthracene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT1-TW-1-S1	10/9/2013	Antimony	0.947	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
UNIT1-TW-1-S1	10/9/2013	Antimony	0.95	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
UNIT1-TW-1-S1	10/9/2013	Aramite	88	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
UNIT1-TW-1-S1	10/9/2013	Aramite	88	UG/KG	U	UJ		N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	69000
UNIT1-TW-1-S1	10/9/2013	Barium	16.4	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
UNIT1-TW-1-S1	10/9/2013	Barium	17.2	MG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
UNIT1-TW-1-S1	10/9/2013	Benzene	100	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
UNIT1-TW-1-S1	10/9/2013	Benzene	1	UG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5400
UNIT1-TW-1-S1	10/9/2013	Benzene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
UNIT1-TW-1-S1	10/9/2013	Benzene	4	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
UNIT1-TW-1-S1	10/9/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Benzo(A)Anthracene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Benzo(A)Anthracene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Benzo(B)Fluoranthene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Benzo(B)Fluoranthene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
UNIT1-TW-1-S1	10/9/2013	Benzo(G,H,I)Perylene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
UNIT1-TW-1-S1	10/9/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
UNIT1-TW-1-S1	10/9/2013	Benzo(G,H,I)Perylene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
UNIT1-TW-1-S1	10/9/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
UNIT1-TW-1-S1	10/9/2013	Benzo(K)Fluoranthene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
UNIT1-TW-1-S1	10/9/2013	Benzo(K)Fluoranthene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	21000
UNIT1-TW-1-S1	10/9/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
UNIT1-TW-1-S1	10/9/2013	Benzo[A]Pyrene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT1-TW-1-S1	10/9/2013	Benzo[A]Pyrene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT1-TW-1-S1	10/9/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT1-TW-1-S1	10/9/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT1-TW-1-S1	10/9/2013	Benzyl Alcohol	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	Benzyl Alcohol	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	Beryllium	0.133	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
UNIT1-TW-1-S1	10/9/2013	Beryllium	0.125	MG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
UNIT1-TW-1-S1	10/9/2013	Biphenyl	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
UNIT1-TW-1-S1	10/9/2013	Biphenyl	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
UNIT1-TW-1-S1	10/9/2013	Bis(2-Chloroethoxy)Methane	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
UNIT1-TW-1-S1	10/9/2013	Bis(2-Chloroethoxy)Methane	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
UNIT1-TW-1-S1	10/9/2013	Bis(2-Chloroethyl)Ether	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000
UNIT1-TW-1-S1	10/9/2013	Bis(2-Chloroethyl)Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
UNIT1-TW-1-S1	10/9/2013	Bis(2-Chloroisopropyl)Ether	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT1-TW-1-S1	10/9/2013	Bis(2-Chloroisopropyl)Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
UNIT1-TW-1-S1	10/9/2013	Bis(2-Ethylhexyl)Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
UNIT1-TW-1-S1	10/9/2013	Bis(2-Ethylhexyl)Phthalate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	120000
UNIT1-TW-1-S1	10/9/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1400
UNIT1-TW-1-S1	10/9/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
UNIT1-TW-1-S1	10/9/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
UNIT1-TW-1-S1	10/9/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
UNIT1-TW-1-S1	10/9/2013	Butyl Benzyl Phthalate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	910000
UNIT1-TW-1-S1	10/9/2013	Butyl Benzyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
UNIT1-TW-1-S1	10/9/2013	C11 to C22 Aromatics	16	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT1-TW-1-S1	10/9/2013	C11 to C22 Aromatics	16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT1-TW-1-S1	10/9/2013	C19 to C36 Aliphatics	16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
UNIT1-TW-1-S1	10/9/2013	C19 to C36 Aliphatics	16	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
UNIT1-TW-1-S1	10/9/2013	C5 - C8 Aliphatic Hydrocarbons	7.99	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
UNIT1-TW-1-S1	10/9/2013	C5 - C8 Aliphatic Hydrocarbons	7.8	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	58
UNIT1-TW-1-S1	10/9/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	7.8	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	58
UNIT1-TW-1-S1	10/9/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	7.99	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
UNIT1-TW-1-S1	10/9/2013	C9 through C10 Aromatic Hydrocarbons	7.8	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
UNIT1-TW-1-S1	10/9/2013	C9 through C10 Aromatic Hydrocarbons	7.99	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
UNIT1-TW-1-S1	10/9/2013	C9 through C12 Aliphatic Hydrocarbons	7.99	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT1-TW-1-S1	10/9/2013	C9 through C12 Aliphatic Hydrocarbons	7.8	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT1-TW-1-S1	10/9/2013	C9 to C18 Aliphatics	7.9	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT1-TW-1-S1	10/9/2013	Cadmium	0.0976	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
UNIT1-TW-1-S1	10/9/2013	Cadmium	0.0973	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
UNIT1-TW-1-S1	10/9/2013	Carbon Disulfide	11	UG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT1-TW-1-S1	10/9/2013	Carbon Disulfide	9	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT1-TW-1-S1	10/9/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
UNIT1-TW-1-S1	10/9/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3000
UNIT1-TW-1-S1	10/9/2013	Chlorobenzene	140	UG/KG		J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
UNIT1-TW-1-S1	10/9/2013	Chlorobenzene	260	UG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
UNIT1-TW-1-S1	10/9/2013	Chlorobenzilate	44	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	16000
UNIT1-TW-1-S1	10/9/2013	Chlorobenzilate	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
UNIT1-TW-1-S1	10/9/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
UNIT1-TW-1-S1	10/9/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3300
UNIT1-TW-1-S1	10/9/2013	Chloroform	11	UG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1500
UNIT1-TW-1-S1	10/9/2013	Chloroform	17	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
UNIT1-TW-1-S1	10/9/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
UNIT1-TW-1-S1	10/9/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	47
UNIT1-TW-1-S1	10/9/2013	Chromium	25.7	MG/KG		J		Y	2-4 Feet	FS	Soil	Site Background	42.7
UNIT1-TW-1-S1	10/9/2013	Chromium	20.8	MG/KG		J		Y	2-4 Feet	DUP	Soil	Site Background	42.7
UNIT1-TW-1-S1	10/9/2013	Chrysene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
UNIT1-TW-1-S1	10/9/2013	Chrysene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
UNIT1-TW-1-S1	10/9/2013	Chrysene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
UNIT1-TW-1-S1	10/9/2013	Chrysene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210000
UNIT1-TW-1-S1	10/9/2013	cis-1,2 Dichloroethene	23	UG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
UNIT1-TW-1-S1	10/9/2013	cis-1,2 Dichloroethene	7	UG/KG		J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
UNIT1-TW-1-S1	10/9/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
UNIT1-TW-1-S1	10/9/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
UNIT1-TW-1-S1	10/9/2013	Cobalt	1.09	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
UNIT1-TW-1-S1	10/9/2013	Cobalt	0.994	MG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
UNIT1-TW-1-S1	10/9/2013	Copper	2.45	MG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
UNIT1-TW-1-S1	10/9/2013	Copper	2.68	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
UNIT1-TW-1-S1	10/9/2013	Diallate	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
UNIT1-TW-1-S1	10/9/2013	Diallate	44	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
UNIT1-TW-1-S1	10/9/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT1-TW-1-S1	10/9/2013	Dibenz(A,H)Anthracene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT1-TW-1-S1	10/9/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT1-TW-1-S1	10/9/2013	Dibenz(A,H)Anthracene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT1-TW-1-S1	10/9/2013	Dibenzofuran	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
UNIT1-TW-1-S1	10/9/2013	Dibenzofuran	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
UNIT1-TW-1-S1	10/9/2013	Dichlorodifluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000
UNIT1-TW-1-S1	10/9/2013	Dichlorodifluoromethane	3	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	80000
UNIT1-TW-1-S1	10/9/2013	Diethyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
UNIT1-TW-1-S1	10/9/2013	Diethyl Phthalate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
UNIT1-TW-1-S1	10/9/2013	Diethylene Glycol	6600	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
UNIT1-TW-1-S1	10/9/2013	Diethylene Glycol	6700	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
UNIT1-TW-1-S1	10/9/2013	Dimethoate	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT1-TW-1-S1	10/9/2013	Dimethoate	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT1-TW-1-S1	10/9/2013	Dimethyl Phthalate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
UNIT1-TW-1-S1	10/9/2013	Dimethyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
UNIT1-TW-1-S1	10/9/2013	Di-N-Butyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	Di-N-Butyl Phthalate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT1-TW-1-S1	10/9/2013	Diphenyl Ether	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
UNIT1-TW-1-S1	10/9/2013	Diphenyl Ether	26	UG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	42000
UNIT1-TW-1-S1	10/9/2013	Ethyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
UNIT1-TW-1-S1	10/9/2013	Ethyl Chloride	3	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
UNIT1-TW-1-S1	10/9/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
UNIT1-TW-1-S1	10/9/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
UNIT1-TW-1-S1	10/9/2013	Ethyl Methanesulfonate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT1-TW-1-S1	10/9/2013	Ethyl Methanesulfonate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT1-TW-1-S1	10/9/2013	Ethylbenzene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
UNIT1-TW-1-S1	10/9/2013	Ethylbenzene	4	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
UNIT1-TW-1-S1	10/9/2013	Ethylbenzene	200	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
UNIT1-TW-1-S1	10/9/2013	Ethylbenzene	2	UG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	27000
UNIT1-TW-1-S1	10/9/2013	Ethylene Glycol	6700	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT1-TW-1-S1	10/9/2013	Ethylene Glycol	6600	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT1-TW-1-S1	10/9/2013	Fluoranthene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT1-TW-1-S1	10/9/2013	Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT1-TW-1-S1	10/9/2013	Fluoranthene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT1-TW-1-S1	10/9/2013	Fluoranthene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT1-TW-1-S1	10/9/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT1-TW-1-S1	10/9/2013	Fluorene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT1-TW-1-S1	10/9/2013	Fluorene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT1-TW-1-S1	10/9/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT1-TW-1-S1	10/9/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
UNIT1-TW-1-S1	10/9/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1100
UNIT1-TW-1-S1	10/9/2013	Hexachlorobutadiene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
UNIT1-TW-1-S1	10/9/2013	Hexachlorobutadiene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
UNIT1-TW-1-S1	10/9/2013	Hexachlorocyclopentadiene	220	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT1-TW-1-S1	10/9/2013	Hexachlorocyclopentadiene	220	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT1-TW-1-S1	10/9/2013	Hexachloroethane	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
UNIT1-TW-1-S1	10/9/2013	Hexachloroethane	44	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	43000
UNIT1-TW-1-S1	10/9/2013	Hexachloropropylene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	36000
UNIT1-TW-1-S1	10/9/2013	Hexachloropropylene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
UNIT1-TW-1-S1	10/9/2013	Indeno (1,2,3-CD) Pyrene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Indeno (1,2,3-CD) Pyrene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT1-TW-1-S1	10/9/2013	Iodomethane	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
UNIT1-TW-1-S1	10/9/2013	Iodomethane	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
UNIT1-TW-1-S1	10/9/2013	Isobutyl Alcohol	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
UNIT1-TW-1-S1	10/9/2013	Isobutyl Alcohol	140	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT1-TW-1-S1	10/9/2013	Isodrin	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
UNIT1-TW-1-S1	10/9/2013	Isodrin	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100
UNIT1-TW-1-S1	10/9/2013	Isophorone	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
UNIT1-TW-1-S1	10/9/2013	Isophorone	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
UNIT1-TW-1-S1	10/9/2013	Isosafrole	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
UNIT1-TW-1-S1	10/9/2013	Isosafrole	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
UNIT1-TW-1-S1	10/9/2013	Lead	8.87	MG/KG		J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
UNIT1-TW-1-S1	10/9/2013	Lead	11.3	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
UNIT1-TW-1-S1	10/9/2013	Mercury	0.0557	MG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
UNIT1-TW-1-S1	10/9/2013	Mercury	0.0676	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
UNIT1-TW-1-S1	10/9/2013	Meta- And Para-Xylene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
UNIT1-TW-1-S1	10/9/2013	Meta- And Para-Xylene	200	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	390000
UNIT1-TW-1-S1	10/9/2013	Methacrylonitrile	7	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT1-TW-1-S1	10/9/2013	Methacrylonitrile	6	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT1-TW-1-S1	10/9/2013	Methapyrilene	2200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
UNIT1-TW-1-S1	10/9/2013	Methapyrilene	2200	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	200000
UNIT1-TW-1-S1	10/9/2013	Methyl Bromide	3	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6400
UNIT1-TW-1-S1	10/9/2013	Methyl Bromide	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
UNIT1-TW-1-S1	10/9/2013	Methyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
UNIT1-TW-1-S1	10/9/2013	Methyl Chloride	3	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	100000
UNIT1-TW-1-S1	10/9/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
UNIT1-TW-1-S1	10/9/2013	Methyl Ethyl Ketone	5	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
UNIT1-TW-1-S1	10/9/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT1-TW-1-S1	10/9/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT1-TW-1-S1	10/9/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
UNIT1-TW-1-S1	10/9/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
UNIT1-TW-1-S1	10/9/2013	Methyl Methanesulfonate	44	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT1-TW-1-S1	10/9/2013	Methyl Methanesulfonate	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT1-TW-1-S1	10/9/2013	Methyl Tertiary Butyl Ether	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
UNIT1-TW-1-S1	10/9/2013	Methyl Tertiary Butyl Ether	200	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	220000
UNIT1-TW-1-S1	10/9/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	22000
UNIT1-TW-1-S1	10/9/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
UNIT1-TW-1-S1	10/9/2013	Methylene Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
UNIT1-TW-1-S1	10/9/2013	Methylene Chloride	3	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	620000
UNIT1-TW-1-S1	10/9/2013	Naphthalene	140	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT1-TW-1-S1	10/9/2013	Naphthalene	500	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT1-TW-1-S1	10/9/2013	Naphthalene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT1-TW-1-S1	10/9/2013	Naphthalene	190	UG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT1-TW-1-S1	10/9/2013	Naphthalene	500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT1-TW-1-S1	10/9/2013	Naphthalene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT1-TW-1-S1	10/9/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	7.8	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT1-TW-1-S1	10/9/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	7.99	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT1-TW-1-S1	10/9/2013	N-Dioctyl Phthalate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
UNIT1-TW-1-S1	10/9/2013	N-Dioctyl Phthalate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
UNIT1-TW-1-S1	10/9/2013	Nickel	2.43	MG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
UNIT1-TW-1-S1	10/9/2013	Nickel	3.54	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
UNIT1-TW-1-S1	10/9/2013	Nitrobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT1-TW-1-S1	10/9/2013	Nitrobenzene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT1-TW-1-S1	10/9/2013	N-Nitroso(Methyl)Ethylamine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
UNIT1-TW-1-S1	10/9/2013	N-Nitroso(Methyl)Ethylamine	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	78
UNIT1-TW-1-S1	10/9/2013	N-Nitrosodiethylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
UNIT1-TW-1-S1	10/9/2013	N-Nitrosodiethylamine	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	11
UNIT1-TW-1-S1	10/9/2013	N-Nitrosodimethylamine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
UNIT1-TW-1-S1	10/9/2013	N-Nitrosodimethylamine	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34
UNIT1-TW-1-S1	10/9/2013	N-Nitroso-Di-N-Butylamine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
UNIT1-TW-1-S1	10/9/2013	N-Nitroso-Di-N-Butylamine	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	400

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT1-TW-1-S1	10/9/2013	N-Nitrosodi-N-Propylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
UNIT1-TW-1-S1	10/9/2013	N-Nitrosodi-N-Propylamine	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	250
UNIT1-TW-1-S1	10/9/2013	N-Nitrosodiphenylamine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
UNIT1-TW-1-S1	10/9/2013	N-Nitrosodiphenylamine	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	350000
UNIT1-TW-1-S1	10/9/2013	N-Nitrosomorpholine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260
UNIT1-TW-1-S1	10/9/2013	N-Nitrosomorpholine	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	260
UNIT1-TW-1-S1	10/9/2013	N-Nitrosopiperidine	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	180
UNIT1-TW-1-S1	10/9/2013	N-Nitrosopiperidine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
UNIT1-TW-1-S1	10/9/2013	N-Nitrosopyrrolidine	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	820
UNIT1-TW-1-S1	10/9/2013	N-Nitrosopyrrolidine	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
UNIT1-TW-1-S1	10/9/2013	O,O,O-Triethylphosphorothioate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
UNIT1-TW-1-S1	10/9/2013	O,O,O-Triethylphosphorothioate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
UNIT1-TW-1-S1	10/9/2013	Ortho-Xylene	200	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
UNIT1-TW-1-S1	10/9/2013	Ortho-Xylene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
UNIT1-TW-1-S1	10/9/2013	O-Toluidine	260	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	57000
UNIT1-TW-1-S1	10/9/2013	O-Toluidine	270	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
UNIT1-TW-1-S1	10/9/2013	para-Phenylenediamine	15000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
UNIT1-TW-1-S1	10/9/2013	para-Phenylenediamine	15000	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
UNIT1-TW-1-S1	10/9/2013	Pentachlorobenzene	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	98000
UNIT1-TW-1-S1	10/9/2013	Pentachlorobenzene	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
UNIT1-TW-1-S1	10/9/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	19000
UNIT1-TW-1-S1	10/9/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
UNIT1-TW-1-S1	10/9/2013	Pentachloronitrobenzene	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6600
UNIT1-TW-1-S1	10/9/2013	Pentachloronitrobenzene	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
UNIT1-TW-1-S1	10/9/2013	Pentachlorophenol	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
UNIT1-TW-1-S1	10/9/2013	Pentachlorophenol	44	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2700
UNIT1-TW-1-S1	10/9/2013	Phenacetin	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
UNIT1-TW-1-S1	10/9/2013	Phenacetin	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	780000
UNIT1-TW-1-S1	10/9/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
UNIT1-TW-1-S1	10/9/2013	Phenanthrene	130	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
UNIT1-TW-1-S1	10/9/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
UNIT1-TW-1-S1	10/9/2013	Phenanthrene	130	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
UNIT1-TW-1-S1	10/9/2013	Phenol	22	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
UNIT1-TW-1-S1	10/9/2013	Phenol	22	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
UNIT1-TW-1-S1	10/9/2013	Pronamide	44	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
UNIT1-TW-1-S1	10/9/2013	Pronamide	44	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
UNIT1-TW-1-S1	10/9/2013	Propionitrile	41	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	28000
UNIT1-TW-1-S1	10/9/2013	Propionitrile	38	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
UNIT1-TW-1-S1	10/9/2013	Propylene Glycol	6700	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT1-TW-1-S1	10/9/2013	Propylene Glycol	6600	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT1-TW-1-S1	10/9/2013	Pyrene	530	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
UNIT1-TW-1-S1	10/9/2013	Pyrene	4	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
UNIT1-TW-1-S1	10/9/2013	Pyrene	530	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
UNIT1-TW-1-S1	10/9/2013	Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
UNIT1-TW-1-S1	10/9/2013	Pyridine	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
UNIT1-TW-1-S1	10/9/2013	Pyridine	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
UNIT1-TW-1-S1	10/9/2013	Safrole	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	7800
UNIT1-TW-1-S1	10/9/2013	Safrole	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
UNIT1-TW-1-S1	10/9/2013	Selenium	0.429	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT1-TW-1-S1	10/9/2013	Selenium	0.56	MG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT1-TW-1-S1	10/9/2013	Silver	0.218	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT1-TW-1-S1	10/9/2013	Silver	0.218	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT1-TW-1-S1	10/9/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
UNIT1-TW-1-S1	10/9/2013	Styrene	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
UNIT1-TW-1-S1	10/9/2013	Terephthalic Acid	0.16	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
UNIT1-TW-1-S1	10/9/2013	Terephthalic Acid	0.2	MG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT1-TW-1-S1	10/9/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	82000
UNIT1-TW-1-S1	10/9/2013	Tetrachloroethene	2	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
UNIT1-TW-1-S1	10/9/2013	Tetraethyl Dithiopyrophosphate	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	62000
UNIT1-TW-1-S1	10/9/2013	Tetraethyl Dithiopyrophosphate	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
UNIT1-TW-1-S1	10/9/2013	Thallium	0.127	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
UNIT1-TW-1-S1	10/9/2013	Thallium	0.105	MG/KG	J	J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
UNIT1-TW-1-S1	10/9/2013	Thionazin	88	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
UNIT1-TW-1-S1	10/9/2013	Thionazin	88	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
UNIT1-TW-1-S1	10/9/2013	Tin	2.91	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
UNIT1-TW-1-S1	10/9/2013	Tin	3.08	MG/KG	J	B		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
UNIT1-TW-1-S1	10/9/2013	Toluene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT1-TW-1-S1	10/9/2013	Toluene	24	UG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT1-TW-1-S1	10/9/2013	Toluene	200	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT1-TW-1-S1	10/9/2013	Toluene	15	UG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT1-TW-1-S1	10/9/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	140000
UNIT1-TW-1-S1	10/9/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
UNIT1-TW-1-S1	10/9/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
UNIT1-TW-1-S1	10/9/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8300
UNIT1-TW-1-S1	10/9/2013	trans-1,4-Dichlorobutene-2	13	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
UNIT1-TW-1-S1	10/9/2013	trans-1,4-Dichlorobutene-2	14	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	35
UNIT1-TW-1-S1	10/9/2013	Arsenic	5.9	MG/KG		J	Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
UNIT1-TW-1-S1	10/9/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
UNIT1-TW-1-S1	10/9/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	4000
UNIT1-TW-1-S1	10/9/2013	Trichlorofluoromethane	3	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
UNIT1-TW-1-S1	10/9/2013	Trichlorofluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
UNIT1-TW-1-S1	10/9/2013	Triethylene Glycol	6700	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
UNIT1-TW-1-S1	10/9/2013	Triethylene Glycol	6600	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
UNIT1-TW-1-S1	10/9/2013	Arsenic	5.86	MG/KG		J	Y	Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
UNIT1-TW-1-S1	10/9/2013	C9 to C18 Aliphatics	11	MG/KG			Y	Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT1-TW-1-S1	10/9/2013	Unadjusted C11 - C22 Aromatics	16	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT1-TW-1-S1	10/9/2013	Unadjusted C11 - C22 Aromatics	16	MG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT1-TW-1-S1	10/9/2013	Vanadium	36.9	MG/KG		J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT1-TW-1-S1	10/9/2013	Vanadium	44.5	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT1-TW-1-S1	10/9/2013	Vinyl Acetate	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT1-TW-1-S1	10/9/2013	Vinyl Acetate	3	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT1-TW-1-S1	10/9/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
UNIT1-TW-1-S1	10/9/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	1700
UNIT1-TW-1-S1	10/9/2013	Xylenes	50	UG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
UNIT1-TW-1-S1	10/9/2013	Xylenes	34	UG/KG		J		Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
UNIT1-TW-1-S1	10/9/2013	Zinc	6.57	MG/KG				Y	2-4 Feet	DUP	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
UNIT1-TW-1-S1	10/9/2013	Zinc	8.21	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04
UNIT2-TW-1-S1	10/8/2013	1,1,1,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9300
UNIT2-TW-1-S1	10/8/2013	1,1,1-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.40E+05
UNIT2-TW-1-S1	10/8/2013	1,1,2,2-Tetrachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2800
UNIT2-TW-1-S1	10/8/2013	1,1,2-Trichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
UNIT2-TW-1-S1	10/8/2013	1,1-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT2-TW-1-S1	10/8/2013	1,1-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.20E+05
UNIT2-TW-1-S1	10/8/2013	1,2,3-Trichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	95
UNIT2-TW-1-S1	10/8/2013	1,2,4,5-Tetrachlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
UNIT2-TW-1-S1	10/8/2013	1,2,4-Trichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	54000
UNIT2-TW-1-S1	10/8/2013	1,2-Dibromo-3-Chloropropane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69
UNIT2-TW-1-S1	10/8/2013	1,2-Dibromoethane (EDB)	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	170
UNIT2-TW-1-S1	10/8/2013	1,2-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+05
UNIT2-TW-1-S1	10/8/2013	1,2-Dichloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
UNIT2-TW-1-S1	10/8/2013	1,2-Dichloropropane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4700
UNIT2-TW-1-S1	10/8/2013	1,2-Diphenylhydrazine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT2-TW-1-S1	10/8/2013	1,3,5-Trinitrobenzene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.40E+06
UNIT2-TW-1-S1	10/8/2013	1,3-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT2-TW-1-S1	10/8/2013	1,3-Dinitrobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
UNIT2-TW-1-S1	10/8/2013	1,4-Dichlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	12000
UNIT2-TW-1-S1	10/8/2013	1,4-Dioxane	6.4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT2-TW-1-S1	10/8/2013	1,4-Naphthoquinone	1000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2900
UNIT2-TW-1-S1	10/8/2013	1-Naphthylamine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
UNIT2-TW-1-S1	10/8/2013	2,3,4,6-Tetrachlorophenol	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+06
UNIT2-TW-1-S1	10/8/2013	2,4,5-Trichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT2-TW-1-S1	10/8/2013	2,4,6-Trichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
UNIT2-TW-1-S1	10/8/2013	2,4-Dichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
UNIT2-TW-1-S1	10/8/2013	2,4-Dimethylphenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
UNIT2-TW-1-S1	10/8/2013	2,4-Dinitrophenol	370	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+05
UNIT2-TW-1-S1	10/8/2013	2,4-Dinitrotoluene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5500
UNIT2-TW-1-S1	10/8/2013	2,6-Dichlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	360000
UNIT2-TW-1-S1	10/8/2013	2,6-Dinitrotoluene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT2-TW-1-S1	10/8/2013	2-Acetylaminofluorene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	450
UNIT2-TW-1-S1	10/8/2013	2-Chloronaphthalene	9	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+05
UNIT2-TW-1-S1	10/8/2013	2-Chlorophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
UNIT2-TW-1-S1	10/8/2013	2-Hexanone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
UNIT2-TW-1-S1	10/8/2013	2-Methylnaphthalene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
UNIT2-TW-1-S1	10/8/2013	2-Methylnaphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.70E+05
UNIT2-TW-1-S1	10/8/2013	2-Methylphenol (O-Cresol)	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT2-TW-1-S1	10/8/2013	2-Naphthylamine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	960
UNIT2-TW-1-S1	10/8/2013	2-Nitroaniline	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
UNIT2-TW-1-S1	10/8/2013	2-Nitrophenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2400
UNIT2-TW-1-S1	10/8/2013	2-Picoline	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
UNIT2-TW-1-S1	10/8/2013	3,3'-Dichlorobenzidine	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3800
UNIT2-TW-1-S1	10/8/2013	3,3'-Dimethylbenzidine	610	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	160
UNIT2-TW-1-S1	10/8/2013	3-Methylcholanthrene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
UNIT2-TW-1-S1	10/8/2013	3-Nitroaniline	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
UNIT2-TW-1-S1	10/8/2013	4,6-Dinitro-2-Methylphenol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9800
UNIT2-TW-1-S1	10/8/2013	4-Aminobiphenyl	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82
UNIT2-TW-1-S1	10/8/2013	4-Bromophenyl Phenyl Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2200
UNIT2-TW-1-S1	10/8/2013	4-Chloro-3-Methylphenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT2-TW-1-S1	10/8/2013	4-Chloroaniline	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8600
UNIT2-TW-1-S1	10/8/2013	4-Chlorophenyl Phenyl Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
UNIT2-TW-1-S1	10/8/2013	4-Dimethylaminoazobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	370
UNIT2-TW-1-S1	10/8/2013	4-Methylphenol (P-Cresol)	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT2-TW-1-S1	10/8/2013	4-Nitroaniline	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	86000
UNIT2-TW-1-S1	10/8/2013	4-Nitrophenol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT2-TW-1-S1	10/8/2013	4-Nitroquinoline-N-Oxide	410	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	29000
UNIT2-TW-1-S1	10/8/2013	5-Nitro-Ortho-Toluidine	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	190000
UNIT2-TW-1-S1	10/8/2013	7,12-Dimethylbenz[A]Anthracene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.2
UNIT2-TW-1-S1	10/8/2013	Acenaphthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
UNIT2-TW-1-S1	10/8/2013	Acenaphthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.60E+06
UNIT2-TW-1-S1	10/8/2013	Acenaphthylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
UNIT2-TW-1-S1	10/8/2013	Acenaphthylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600000
UNIT2-TW-1-S1	10/8/2013	Acetaldehyde	1200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	52000
UNIT2-TW-1-S1	10/8/2013	Acetone	20	UG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT2-TW-1-S1	10/8/2013	Acetonitrile	36	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT2-TW-1-S1	10/8/2013	Acetophenone	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.50E+06
UNIT2-TW-1-S1	10/8/2013	Acrolein	29	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT2-TW-1-S1	10/8/2013	Acrylonitrile	6	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1200
UNIT2-TW-1-S1	10/8/2013	Allyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
UNIT2-TW-1-S1	10/8/2013	Alpha,Alpha-Dimethylphenethylamine	120	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT2-TW-1-S1	10/8/2013	Aniline	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	300000
UNIT2-TW-1-S1	10/8/2013	Anthracene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT2-TW-1-S1	10/8/2013	Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT2-TW-1-S1	10/8/2013	Antimony	0.876	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+01
UNIT2-TW-1-S1	10/8/2013	Aramite	81	UG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	69000
UNIT2-TW-1-S1	10/8/2013	Arsenic	1.04	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+00
UNIT2-TW-1-S1	10/8/2013	Barium	20.1	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.80E+07
UNIT2-TW-1-S1	10/8/2013	Benzene	100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
UNIT2-TW-1-S1	10/8/2013	Benzene	0.7	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5400
UNIT2-TW-1-S1	10/8/2013	Benzo(A)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT2-TW-1-S1	10/8/2013	Benzo(A)Anthracene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT2-TW-1-S1	10/8/2013	Benzo(B)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT2-TW-1-S1	10/8/2013	Benzo(B)Fluoranthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT2-TW-1-S1	10/8/2013	Benzo(G,H,I)Perylene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
UNIT2-TW-1-S1	10/8/2013	Benzo(G,H,I)Perylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3400000
UNIT2-TW-1-S1	10/8/2013	Benzo(K)Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
UNIT2-TW-1-S1	10/8/2013	Benzo(K)Fluoranthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	21000
UNIT2-TW-1-S1	10/8/2013	Benzo[A]Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT2-TW-1-S1	10/8/2013	Benzo[A]Pyrene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT2-TW-1-S1	10/8/2013	Benzyl Alcohol	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT2-TW-1-S1	10/8/2013	Beryllium	0.116	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+02
UNIT2-TW-1-S1	10/8/2013	Biphenyl	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
UNIT2-TW-1-S1	10/8/2013	Bis(2-Chloroethoxy)Methane	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+05
UNIT2-TW-1-S1	10/8/2013	Bis(2-Chloroethyl)Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
UNIT2-TW-1-S1	10/8/2013	Bis(2-Chloroisopropyl)Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000
UNIT2-TW-1-S1	10/8/2013	Bis(2-Ethylhexyl)Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	120000
UNIT2-TW-1-S1	10/8/2013	Bromodichloromethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1400
UNIT2-TW-1-S1	10/8/2013	Bromoform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
UNIT2-TW-1-S1	10/8/2013	Butyl Benzyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	910000
UNIT2-TW-1-S1	10/8/2013	C11 to C22 Aromatics	15	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT2-TW-1-S1	10/8/2013	C19 to C36 Aliphatics	15	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
UNIT2-TW-1-S1	10/8/2013	C5 - C8 Aliphatic Hydrocarbons	8.9	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
UNIT2-TW-1-S1	10/8/2013	C5 - C8 Aliphatic Hydrocardbons, unadjusted	8.9	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	58
UNIT2-TW-1-S1	10/8/2013	C9 through C10 Aromatic Hydrocarbons	8.9	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	5.4
UNIT2-TW-1-S1	10/8/2013	C9 through C12 Aliphatic Hydrocarbons	8.9	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT2-TW-1-S1	10/8/2013	C9 to C18 Aliphatics	7.3	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT2-TW-1-S1	10/8/2013	Cadmium	0.09	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.60E+02
UNIT2-TW-1-S1	10/8/2013	Carbon Disulfide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT2-TW-1-S1	10/8/2013	Carbon Tetrachloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3000
UNIT2-TW-1-S1	10/8/2013	Chlorobenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+05
UNIT2-TW-1-S1	10/8/2013	Chlorobenzilate	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	16000
UNIT2-TW-1-S1	10/8/2013	Chlorodibromomethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3300
UNIT2-TW-1-S1	10/8/2013	Chloroform	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1500
UNIT2-TW-1-S1	10/8/2013	Chloroprene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	47
UNIT2-TW-1-S1	10/8/2013	Chromium	10.9	MG/KG		J		Y	2-4 Feet	FS	Soil	Site Background	42.7
UNIT2-TW-1-S1	10/8/2013	Chrysene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
UNIT2-TW-1-S1	10/8/2013	Chrysene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210000
UNIT2-TW-1-S1	10/8/2013	cis-1,2 Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+05
UNIT2-TW-1-S1	10/8/2013	cis-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
UNIT2-TW-1-S1	10/8/2013	Cobalt	0.23	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.00E+01
UNIT2-TW-1-S1	10/8/2013	Copper	63.9	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+03
UNIT2-TW-1-S1	10/8/2013	Diallate	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
UNIT2-TW-1-S1	10/8/2013	Dibenz(A,H)Anthracene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT2-TW-1-S1	10/8/2013	Dibenz(A,H)Anthracene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	210
UNIT2-TW-1-S1	10/8/2013	Dibenzofuran	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.70E+05
UNIT2-TW-1-S1	10/8/2013	Dichlorodifluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	80000

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT2-TW-1-S1	10/8/2013	Diethyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.80E+07
UNIT2-TW-1-S1	10/8/2013	Diethylene Glycol	6100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
UNIT2-TW-1-S1	10/8/2013	Dimethoate	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT2-TW-1-S1	10/8/2013	Dimethyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000000
UNIT2-TW-1-S1	10/8/2013	Di-N-Butyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+07
UNIT2-TW-1-S1	10/8/2013	Diphenyl Ether	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	42000
UNIT2-TW-1-S1	10/8/2013	Ethyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.10E+06
UNIT2-TW-1-S1	10/8/2013	Ethyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.10E+06
UNIT2-TW-1-S1	10/8/2013	Ethyl Methanesulfonate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT2-TW-1-S1	10/8/2013	Ethylbenzene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
UNIT2-TW-1-S1	10/8/2013	Ethylbenzene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	27000
UNIT2-TW-1-S1	10/8/2013	Ethylene Glycol	6100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT2-TW-1-S1	10/8/2013	Fluoranthene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT2-TW-1-S1	10/8/2013	Fluoranthene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT2-TW-1-S1	10/8/2013	Fluorene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT2-TW-1-S1	10/8/2013	Fluorene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.40E+06
UNIT2-TW-1-S1	10/8/2013	Hexachlorobenzene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1100
UNIT2-TW-1-S1	10/8/2013	Hexachlorobutadiene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
UNIT2-TW-1-S1	10/8/2013	Hexachlorocyclopentadiene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7.40E+05
UNIT2-TW-1-S1	10/8/2013	Hexachloroethane	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	43000
UNIT2-TW-1-S1	10/8/2013	Hexachloropropylene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	36000
UNIT2-TW-1-S1	10/8/2013	Indeno (1,2,3-CD) Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT2-TW-1-S1	10/8/2013	Indeno (1,2,3-CD) Pyrene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2100
UNIT2-TW-1-S1	10/8/2013	Iodomethane	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
UNIT2-TW-1-S1	10/8/2013	Isobutyl Alcohol	140	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
UNIT2-TW-1-S1	10/8/2013	Isodrin	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100
UNIT2-TW-1-S1	10/8/2013	Isophorone	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.80E+06
UNIT2-TW-1-S1	10/8/2013	Isosafrole	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
UNIT2-TW-1-S1	10/8/2013	Lead	7.92	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.00E+02
UNIT2-TW-1-S1	10/8/2013	Mercury	0.0263	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.10E+00
UNIT2-TW-1-S1	10/8/2013	Meta- And Para-Xylene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	390000
UNIT2-TW-1-S1	10/8/2013	Methacrylonitrile	7	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT2-TW-1-S1	10/8/2013	Methapyrilene	2000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	200000
UNIT2-TW-1-S1	10/8/2013	Methyl Bromide	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6400
UNIT2-TW-1-S1	10/8/2013	Methyl Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	100000
UNIT2-TW-1-S1	10/8/2013	Methyl Ethyl Ketone	6	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.80E+07
UNIT2-TW-1-S1	10/8/2013	Methyl Isobutyl Ketone	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+07
UNIT2-TW-1-S1	10/8/2013	Methyl Methacrylate	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+06
UNIT2-TW-1-S1	10/8/2013	Methyl Methanesulfonate	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	17000
UNIT2-TW-1-S1	10/8/2013	Methyl Tertiary Butyl Ether	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	220000
UNIT2-TW-1-S1	10/8/2013	Methylene Bromide	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	22000
UNIT2-TW-1-S1	10/8/2013	Methylene Chloride	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	620000
UNIT2-TW-1-S1	10/8/2013	Naphthalene	500	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT2-TW-1-S1	10/8/2013	Naphthalene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT2-TW-1-S1	10/8/2013	Naphthalene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	18000
UNIT2-TW-1-S1	10/8/2013	NC C9-C12 Aliphatic Hydrocarbons, unadjusted	8.9	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.1
UNIT2-TW-1-S1	10/8/2013	N-Dioctyl Phthalate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.20E+06
UNIT2-TW-1-S1	10/8/2013	Nickel	1.83	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.00E+03
UNIT2-TW-1-S1	10/8/2013	Nitrobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	24000
UNIT2-TW-1-S1	10/8/2013	N-Nitroso(Methyl)Ethylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	78
UNIT2-TW-1-S1	10/8/2013	N-Nitrosodiethylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	11
UNIT2-TW-1-S1	10/8/2013	N-Nitrosodimethylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34
UNIT2-TW-1-S1	10/8/2013	N-Nitroso-Di-N-Butylamine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	400
UNIT2-TW-1-S1	10/8/2013	N-Nitrosodi-N-Propylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	250
UNIT2-TW-1-S1	10/8/2013	N-Nitrosodiphenylamine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	350000
UNIT2-TW-1-S1	10/8/2013	N-Nitrosomorpholine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	260

APPENDIX B
Table 1
Subsurface Soil Results Compared to NCDENR Industrial PSRGs
DuPont Kinston Plant
Kinston, North Carolina

Location ID	Date Sampled	Parameter Name	Report Result	Units	Lab Qual	Vald Qual	Exceeds	Detected	Sample Depth Range	Sample Purpose	Sample Type	Action Limit1	Upper Limit1
UNIT2-TW-1-S1	10/8/2013	N-Nitrosopiperidine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	180
UNIT2-TW-1-S1	10/8/2013	N-Nitrosopyrrolidine	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	820
UNIT2-TW-1-S1	10/8/2013	O,O,O-Triethylphosphorothioate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1000000
UNIT2-TW-1-S1	10/8/2013	Ortho-Xylene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4.30E+05
UNIT2-TW-1-S1	10/8/2013	O-Toluidine	240	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	57000
UNIT2-TW-1-S1	10/8/2013	para-Phenylenediamine	14000	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.40E+07
UNIT2-TW-1-S1	10/8/2013	Pentachlorobenzene	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	98000
UNIT2-TW-1-S1	10/8/2013	Pentachloroethane	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	19000
UNIT2-TW-1-S1	10/8/2013	Pentachloronitrobenzene	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6600
UNIT2-TW-1-S1	10/8/2013	Pentachlorophenol	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2700
UNIT2-TW-1-S1	10/8/2013	Phenacetin	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	780000
UNIT2-TW-1-S1	10/8/2013	Phenanthrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
UNIT2-TW-1-S1	10/8/2013	Phenanthrene	120	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	34000000
UNIT2-TW-1-S1	10/8/2013	Phenol	20	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.60E+07
UNIT2-TW-1-S1	10/8/2013	Pronamide	41	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	9.20E+06
UNIT2-TW-1-S1	10/8/2013	Propionitrile	43	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	28000
UNIT2-TW-1-S1	10/8/2013	Propylene Glycol	6100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+08
UNIT2-TW-1-S1	10/8/2013	Pyrene	490	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
UNIT2-TW-1-S1	10/8/2013	Pyrene	4	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3.40E+06
UNIT2-TW-1-S1	10/8/2013	Pyridine	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+05
UNIT2-TW-1-S1	10/8/2013	Safrole	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	7800
UNIT2-TW-1-S1	10/8/2013	Selenium	0.118	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT2-TW-1-S1	10/8/2013	Silver	0.201	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT2-TW-1-S1	10/8/2013	Styrene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.70E+05
UNIT2-TW-1-S1	10/8/2013	Terephthalic Acid	0.11	MG/KG	U	UJ		N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
UNIT2-TW-1-S1	10/8/2013	Tetrachloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	82000
UNIT2-TW-1-S1	10/8/2013	Tetraethyl Dithiopyrophosphate	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	62000
UNIT2-TW-1-S1	10/8/2013	Thallium	0.0883	MG/KG	J	J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.00E+00
UNIT2-TW-1-S1	10/8/2013	Thionazin	81	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+06
UNIT2-TW-1-S1	10/8/2013	Tin	2.14	MG/KG	J	B		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+05
UNIT2-TW-1-S1	10/8/2013	Toluene	200	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT2-TW-1-S1	10/8/2013	Toluene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT2-TW-1-S1	10/8/2013	trans-1,2-Dichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	140000
UNIT2-TW-1-S1	10/8/2013	trans-1,3-Dichloropropene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8300
UNIT2-TW-1-S1	10/8/2013	trans-1,4-Dichlorobutene-2	14	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	35
UNIT2-TW-1-S1	10/8/2013	Trichloroethene	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	4000
UNIT2-TW-1-S1	10/8/2013	Trichlorofluoromethane	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.80E+05
UNIT2-TW-1-S1	10/8/2013	Triethylene Glycol	6100	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	3600000
UNIT2-TW-1-S1	10/8/2013	Unadjusted C11 - C22 Aromatics	15	MG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	130
UNIT2-TW-1-S1	10/8/2013	Vanadium	8.74	MG/KG		J		Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1.00E+03
UNIT2-TW-1-S1	10/8/2013	Vinyl Acetate	3	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	8.20E+05
UNIT2-TW-1-S1	10/8/2013	Vinyl Chloride	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	1700
UNIT2-TW-1-S1	10/8/2013	Xylenes	1	UG/KG	U			N	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	2.60E+05
UNIT2-TW-1-S1	10/8/2013	Zinc	110	MG/KG				Y	2-4 Feet	FS	Soil	NCDENR_IND_PSRG_JAN_2014	6.20E+04

APPENDIX C
JOHNSON AND ETTINGER INDOOR AIR MODEL RESULTS

TARGET MEDIA CONCENTRATION RESULTS

Screening-Level Johnson and Ettinger Model

Site Name: Kinston
Report Date: Wed Sep 3 09:19:19 EDT 2014
Report Generated From: http://www.epa.gov/athens/learn2model/part-two/onsite/JnE_lite.htm
Depth to contamination from bottom of foundation: 1m +/- 0m
Average ground water temperature: 62F

CHEMICAL PROPERTIES
Chemical of Concern: Biphenyl CAS Number: 92524
Molecular Weight: 154.21[g/mole] Henrys Constant: 0.006392145[unitless]
Diffusivity in Air: 4.040e-2[cm^2/sec] Diffusivity in Water: 8.150e-6[cm^2/sec]
Unit Risk Factor: 0[$(\mu g/m^3)^{-1}$] Reference Concentration: 0.175[mg/m^3]

SOIL PROPERTIES
Soil Type: Sand Total Porosity: 0.375
Unsaturated Zone Moisture Content:
low= 0.053 best estimate= 0.054 high= 0.055
Capillary Zone Moisture Content: 0.253 Height of Capillary Rise: 0.17[m]
Soil-Gas Flow Rate into Building: 5 [L/min]

BUILDING PROPERTIES
Building Type: Slab-on-Grade Air Exchange Rate: 0.25[hr^{-1}]
Building Mixing Height: 2.44[m] Building Footprint Area: 100[m^2]
Subsurface Foundation Area: 106[m^2] Building Crack Ratio: 0.00038[unitless]
Foundation Slab Thickness: 0.1[m]

EXPOSURE PARAMETERS
Exposure Duration: carcinogens 30 [years] non-carcinogens: 30 [years]
Exposure Frequency: carcinogens 350 [days/year] non-carcinogens: 365 [days/year]
Averaging Time: carcinogens 70 [years] non-carcinogens: 30 [years]
Risk Factor for carcinogens: 1E-6 Target Hazard Quotient for non-carcinogens: 1

JOHNSON & ETTINGER SIMULATION RESULTS
Effective Diffusion Coefficients:
Unsaturated Zone(D_{eff}): 0.006532[cm^2/s]
Unsaturated Zone + Capillary Zone (D^T_{eff}): 0.001646[cm^2/s]

Soil Gas Attenuation Factor (α_{SG}): 0.002232
Ground Water Attenuation Factor (α_{GW}): 0.0008515
Target Concentrations are based on NON-CANCER risk.
Target Indoor Air Concentration: 175[$\mu g/m^3$] or 27.76[ppbv]

[1]Less Protective Target Concentrations
Soil Gas: Saturation[$\mu g/m^3$] or Saturation[ppbv]; Ground Water: Solubility[$\mu g/L$]

Best Estimate Target Concentrations
Soil Gas: Saturation[$\mu g/m^3$] or Saturation[ppbv]; Ground Water: Solubility[$\mu g/L$]

[2]More Protective Target Concentrations
Soil Gas: Saturation[$\mu g/m^3$] or Saturation[ppbv]; Ground Water: Solubility[$\mu g/L$]

Based on parameter analysis: Advection is the dominant mechanism across foundation.

[1]"Less Protective" concentrations produced with HIGHEST moisture content.
[2]"More Protective" concentrations produced with LOWEST moisture content.

NOTE: When the computed target groundwater concentration is greater than the solubility of the given compound in water, then the word "Solubility" is displayed in the target groundwater concentration location of the table. Similarly, if the computed target soil-gas concentration is greater than the Henry's Law Constant partitioning of the given compound at solubility, then the word "Saturation" is displayed in the target soil-gas concentration location of the table.