53FRBCERCLASF10,640

53FRBCERCLASF10,640

Site Name:	VCC-WINSTON-SALEM
Subsite:	
Site Name: *Do not enter text.*	NCN000410344
Full Site Name (Subject): *Do not enter text.*	VCC-WINSTON-SALEM
Document Type:	CORRESPONDENCE (C)
Description:	General Correspondence, 2006
Report Segment:	5
Date of Document:	7/31/2006
Date Received:	
Box: *Enter SF and # with no spaces.*	SF10,640
Access Level:	PUBLIC
Division:	WASTE MANAGEMENT
Section:	SUPERFUND
Program (Document Group):	FRB CERCLA (FRBCERCLA)
Document Category:	FACILITY

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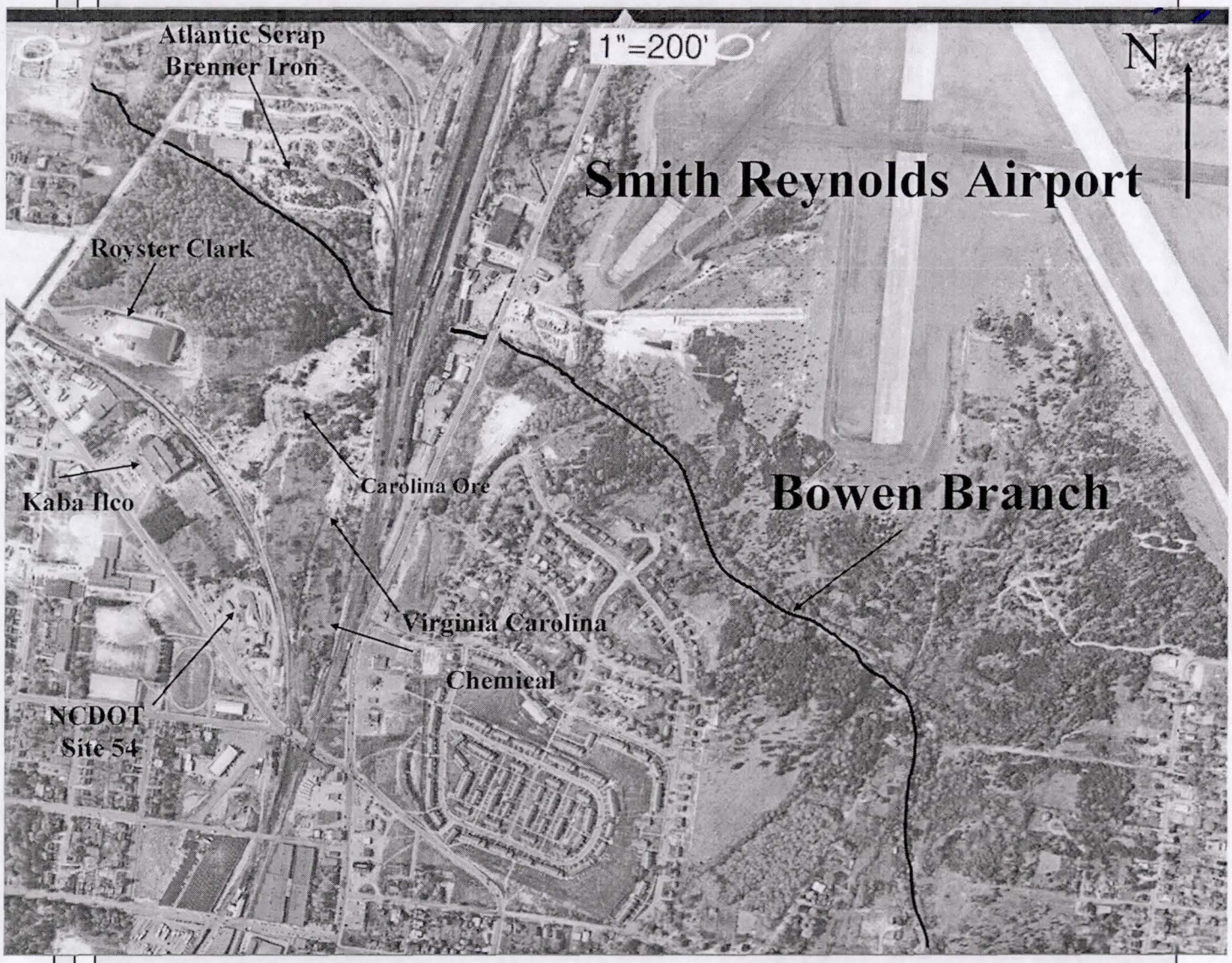
Progress Report
Virginia Carolina Chemical and Carolina Ore Incident Investigation

Part of the Continuing Investigation
of the Bowen Branch Contamination
by
NCDENR Division of Water Quality
Aquifer Protection Section
July 31, 2006

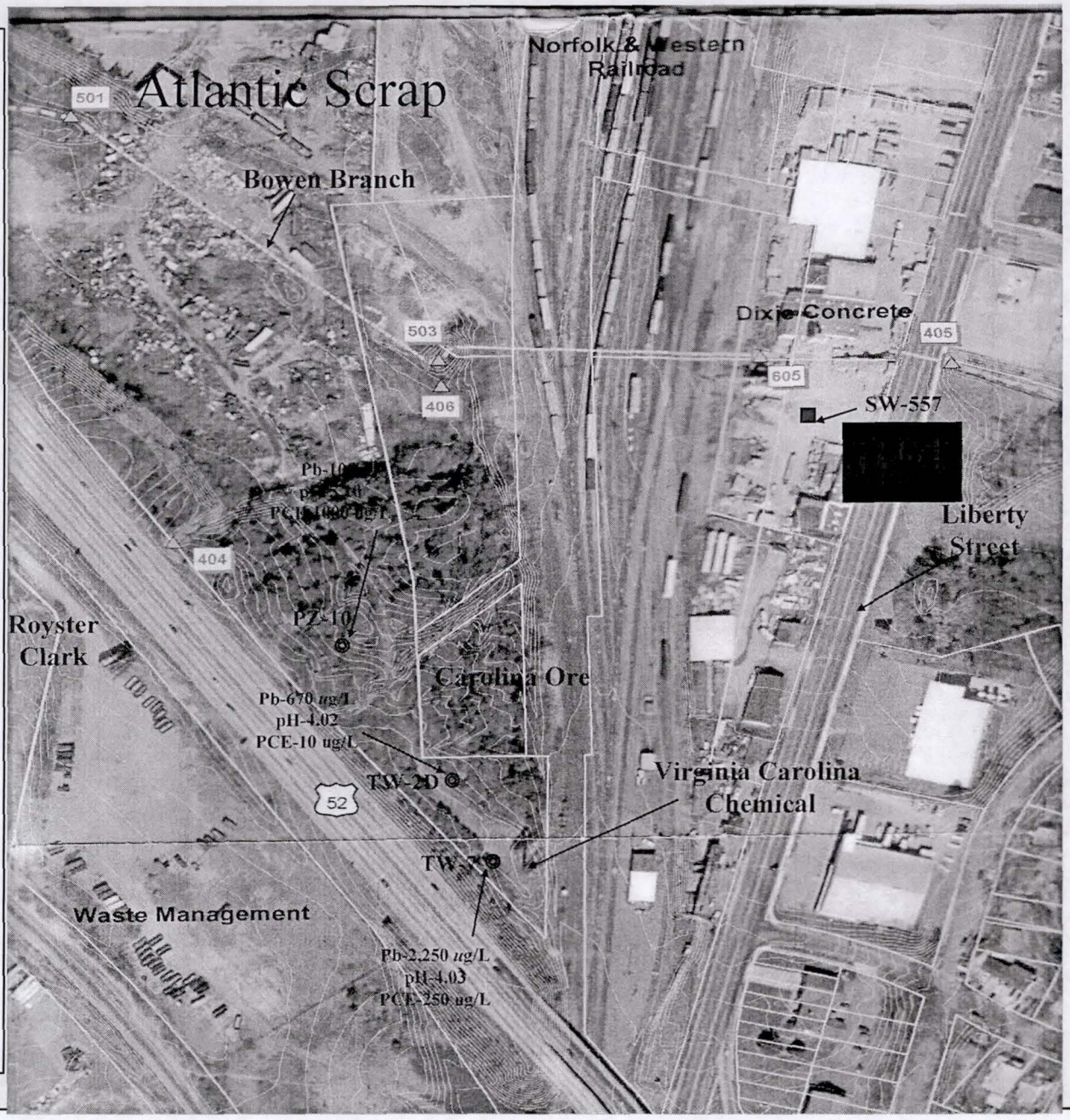
May 1960 NCDOT Aerial Photo



Carolina Ore area N/E - lack of vegetation since 1940s.
NC DOT Site 54 - asphalt test site, Chlorinated Plume move
merge w/ other plumes.

2000 Aerial Photo

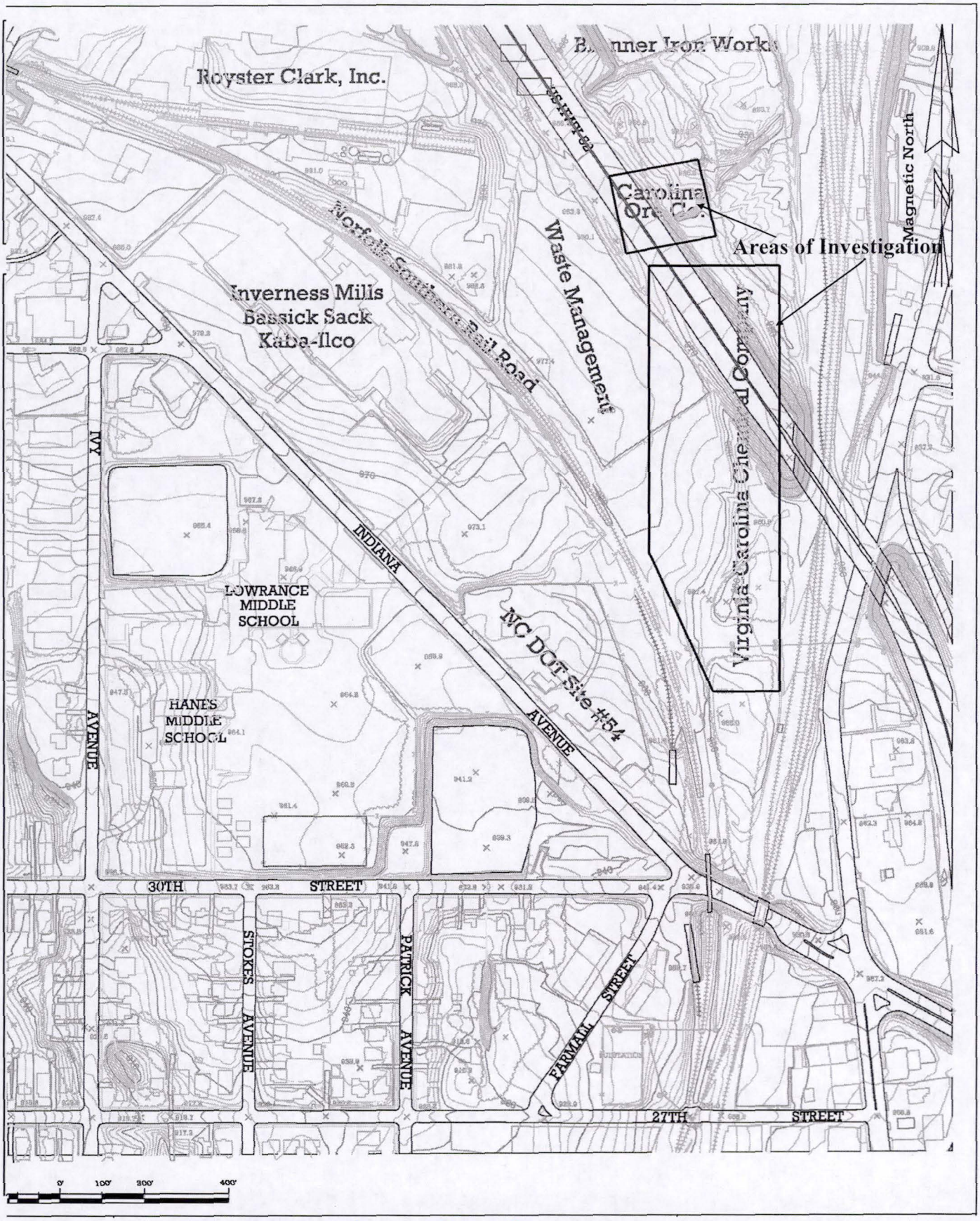
RR - source of pesticide, herbacide, PAHs.



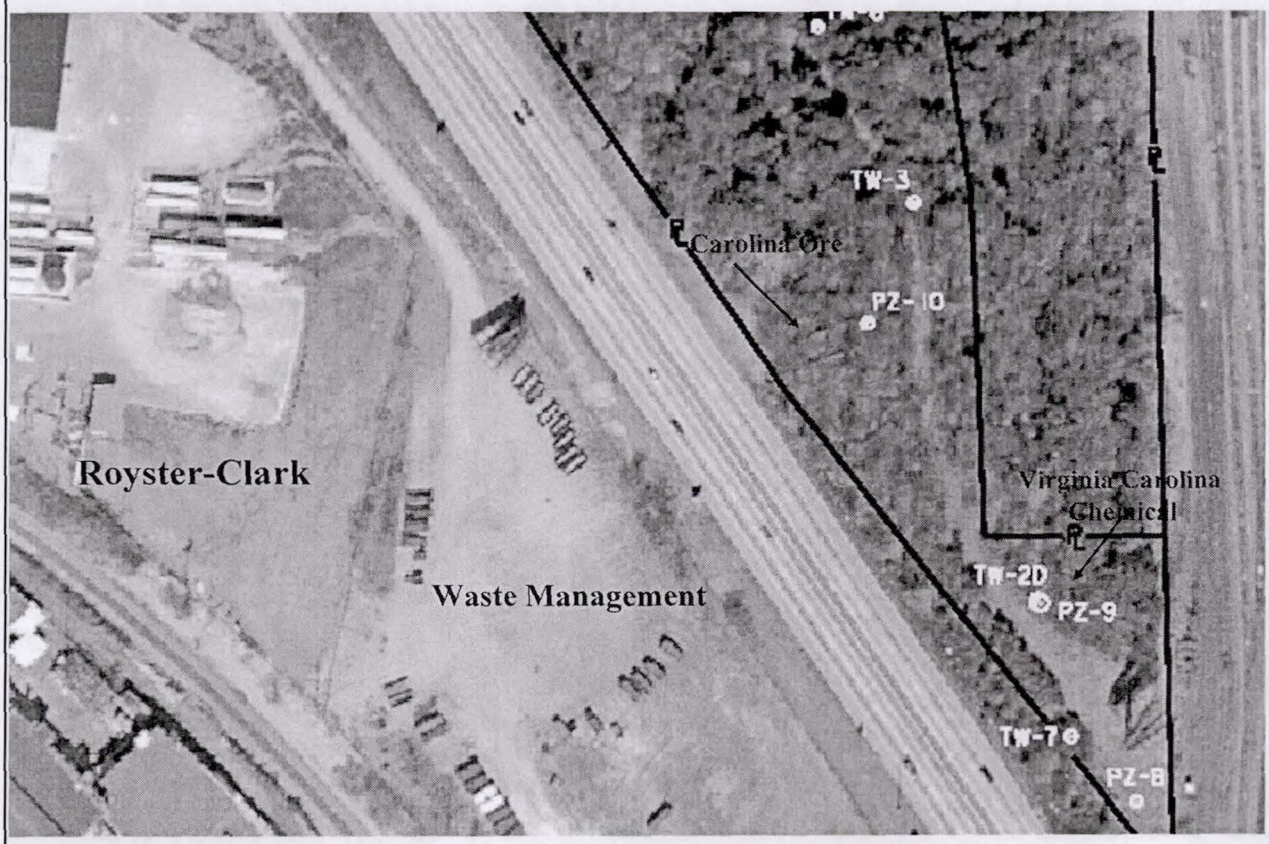
Other springs at Liberty Street lesbel area. (Children play in wooded).

SW-557 - Spring (Bowen Branch) piped into stream at 605

similar in results to TW-7 & 2D.
GW flow from VCC is N/E.



VCC – old acid bath N/E corner of Hwy 52



Atlantic Scrap did work (own property)
Same work on DOT doing geoprobe work
along Hwy 52.

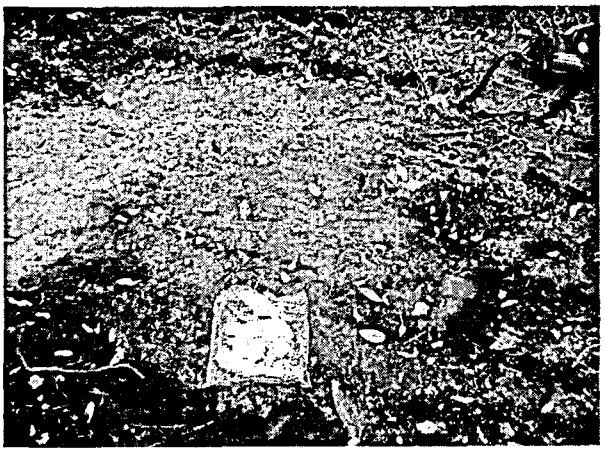
Evidences of Impact to Environment by Activities Conducted at the Virginia Carolina Chemical/Carolina Ore Sites

1. **Diagnostic soil color-magenta color observed**
2. **Elevated lead and arsenic in soil and depressed soil pH**
3. **Elevated lead and other metals in groundwater**

1. DIAGNOSTIC SOIL COLOR

Areas of Magenta-Colored Soil Found During NCDOT Soil Boring Investigation Just South of Former Carolina Ore Facility. Magenta mottling also noted within one foot of surface further south at former Virginia Carolina Chemical site.

Soil Sample Number SB-1
Magenta Soil Sample Results
Arsenic-877 mg/kg
Lead-6,580 mg/kg
Cadmium-2.65 mg/kg
Chromium-7.80 mg/kg
Mercury-5.00 mg/kg
Silver-30.06 mg/kg
Selenium 7.94 mg/kg
pH-4.1 SU



Sample ID	Depth (ft)	pH
SB-1-1	1	4.13
SB-1-9	9	4.29
SB-1-15	15	4.38
PZ-9-24	24	3.88
GP-3-6.5	6.5	3.63
GP-5-9	9	3.9
GP-7-2	2	3.85
GP-6-1.5	1.5	3.9
GP-8-10	10	4.09
GP10-8	8	4.08
GP-4-2	2	3.31
GP-3-2.5	2.5	3.5

Conclusions and Issues

- Groundwater and soils have been significantly impacted by activities related to the VCC and Carolina Ore sites. The lack of nitrate and particularly ammonia, as well as the presence of PCE and petroleum hydrocarbons does not support the argument that Royster Clark is the contamination source in the area of monitoring wells TW-2D and TW-7.

- Lead impacted groundwater is being discharged to Bowen Branch through at least one spring at a concentration of 96 micrograms per liter. The discharge point is very near the area along Liberty Street where children are known to play along the creek. Given the position of this discharge point in relation to the VCC area, it is likely that additional discharge points may be present further to the east, increasing the risk of human exposure to elevated lead levels.

- A complete well receptor survey needs to be performed. At least 5 different consultants have performed such surveys in the past. All of these surveys failed to identify 2 wells found by Forsyth County Health Department in the summer of 2005.

Kaba Royster DOT.

- The total area that is impacted by elevated lead levels is approximately 2.1 acres. The soil investigation conducted by NCDOT and Atlantic Scrap encompasses approximately 1 arcre. Additionally, it must be remembered that these investigations only collected soil samples in the subject area to depths of 10 feet below the surface. More assessment is warranted to determine both vertical and horizontal extent.

blacken Bas Lee Exxon Mobil

stained soils
pyrite slag
well
brick disposal

- The property report for the VCC and Carolina Ore sites as prepared by BBL and submitted to EPA Region IV is inaccurate, misleading and not reflective of actual site conditions.

- The NCDOT is a responisble party for VOC contamination at the former Site 54 located due east of the VCC site. Some of the VOC contamination appears to be present under the VCC site as shown in samples collected from site monitoring wells. It is also possible that Kaba Ilco is also a potential source.

aerial similar to pg. 4.

- Since the NCDOT is required to address contamination for which they are responsible, they should not be requred to address contamination that can be attributed to another party.
  - discussed DOT being responsible for areas they disturbe.

Dust from Royster – work w/ Forsyth Co. on Air.
School impact Nitrate, metals

Run off from the site as well.

{Tide pesticide problems}

DOT understand work that needs to be done.

Cyrus Parker – soil data electronic copies CAD Map.

Draft Proposal

NCDOT / NCDENR Division of Waste Management
Memorandum of Agreement

NCDOT performs preliminary site assessments on known or potentially contaminated properties that are within proposed highway rights-of-way.

NCDOT provides a copy of all reports documenting assessment activities and findings to applicable DWM office. Information regarding current owner(s) of each assessed property is included in the report.

For properties where documented contamination above regulatory action levels exists, DWM issues regulatory letters to the party (ies) responsible for regulatory liability.

NCDOT acquires these properties through fee simple title and bears all costs for UST removal, including the first $10,000 towards petroleum-contaminated soil excavation and treatment/disposal. All additional anticipated soil removal and treatment/disposal costs are withheld from the property acquisition price and applied towards cleanup of the property to the extent that highway construction may occur with no health risks for employees of NCDOT and its contractors.

For non-UST sites, NCDOT will remove contaminants to the extent that highway construction may occur with no health risks for employees of NCDOT and its contractors.

DWM does not consider NCDOT the party responsible for regulatory liability on any property where preliminary site assessments indicates the existence of contamination prior to NCDOT's acquisition of the property.

In cases where documented contamination of a property is the result of actions by NCDOT, DWM will treat NCDOT like any other regulatory-defined responsible party.

DRAFT

LEGEND:

- APPROXIMATE LOCATION OF THE FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)
- APPROXIMATE LOCATION OF FORMER FERTILIZER PLANT FEATURES (1907)
- APPROXIMATE LOCATION OF FORMER FERTILIZER PLANT FEATURES (1917 ADDITIONS)
- APPROXIMATE LOCATION OF FORMER RAILROAD SIDINGS (1907 & 1917 PLANT FEATURES)
- P9GP7-3 APPROXIMATE LOCATION OF SOIL BORING BY OTHERS
- TW-7 APPROXIMATE LOCATION OF TEMPORARY WELL BY OTHERS
- EB2-B RL PROPOSED NCDOT GEOTECHNICAL BORING LOCATION
- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- ALL EASEMENTS
- EXISTING ROADWAY TO BE REMOVED
- PROPOSED ROADWAY
- TEMPORARY ROADWAY
- PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
- RAILROADS
- RAILROAD RIGHT OF WAY
- PROPERTY LINES

NOTES:

1. HISTORICAL SITE FEATURES DIGITIZED FROM 1907 & 1917 SANBORN MAPS.
2. PROPOSED NCDOT FEATURES AND GEOTECHNICAL BORINGS ARE BASED ON MAPS FROM "COMBINED PUBLIC HEARING MAP U.S. 52 REPLACEMENT OF BRIDGES MAP" AND "PRELIMINARY PLANS, SHEET NO. 5 (U-2826A), RESPECTIVELY. MAPS PROVIDED BY CYRUS PARKER OF THE NCDOT IN JUNE 2008.

DRAFT

FOR DISCUSSION PURPOSES ONLY

0 80' 160'
GRAPHIC SCALE

EXXONMOBIL CORPORATION
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA

HISTORICAL VCC SITE FEATURES OVERLAYING PROPOSED DOT ROAD EXPANSION

ARCADIS

FIGURE
1

CITY:CARY DIV/GROUP:41 DB:LELLIS LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\CAD\ACT\B0085\32\00030\00031\MAP\REPORT\NONE\85732500xx.dwg LAYOUT: 1 SAVED: 6/18/2008 11:47 AM ACADVER: 17.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTHALF.CTB PLOTTED: 6/18/2008 12:20 PM BY: ELLIS, LEKOREY
IMAGES: PROJECTNAME: ----

Winston-Salem Regional Office
585 Waughtown Street
Winston-Salem, NC 27107-2241
Switchboard (336) 771-4600

Our office is located adjacent to US 52 North, between Business-40 and I-40 in the Gateway Office Center.

From Interstate 40 East or West:

Exit onto US 52 North - **Immediately exit** onto Sprague Street.
At the end of the exit ramp, turn right onto Sprague.
Turn left at the first stoplight and onto Old Lexington Road.
Travel to the next stoplight at the intersection of Old Lexington Road and Waughtown Street. Continue straight ahead, crossing Waughtown Street.

Take the first left into the fenced parking lot, headed towards the tall building just east of Hwy. 52

Please park in the visitor spaces provided in front of the office building.

NCDENR Representative: Collin Day - (336) 771-5281

Travel Time: Approximately 2 hours (~110 miles from Raleigh)

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

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MAR 06 2006
SUPERFUND SECTION

Transmitted Via Federal Express

March 3, 2006

Mr. Craig Zeller
USEPA Region 4
Atlanta Federal Center
61 Forsyth Street, S.W.
Atlanta, Georgia 30303-8960

Re: Property Report for Former Virginia-Carolina Chemical Corporation Site
Winston-Salem, North Carolina
BBL Project #s: 85567

Dear Mr. Zeller:

Enclosed for your review are two copies of the Property Report prepared by Blasland, Bouck and Lee, Inc. (BBL), on behalf of Exxon Mobil Corporation (ExxonMobil), for the former Virginia-Carolina Chemical Corporation Site in Winston-Salem, Forsyth County, North Carolina.

Please feel free to contact me or Adam Hackenberg of BBL if you have any questions regarding the enclosed document. You may also contact Mr. Steven Schmidt of ExxonMobil with questions regarding the site at 703-846-1005 or at the following address:

Steven P. Schmidt
Superfund Consultant - Major Projects
Exxon Mobil Corporation
3225 Gallows Road (Rm 8B0829)
Fairfax, VA 22037

Sincerely,

BLASLAND, BOUCK & LEE, INC.

FOR

Geoffrey Germann, P.E.
Senior Engineer II

ARH/arh
Enclosure: 2

11000 Regency Parkway • West Tower, Ste. 205 • Cary, NC 27511-8574
Tel (919) 469-1952 • Fax (919) 469-5676 • www.bbl-inc.com • offices nationwide

cc: D. Mattison, NCDENR
S. Schmidt, ExxonMobil
Z. Bolen, ExxonMobil
G. Germann, BBL

REPORT

Property Report
Former Virginia-Carolina Chemical Corporation Site
Winston-Salem, North Carolina

Property Information

Site/Facility Name:	Virginia-Carolina Chemical Corporation
USEPA Classification (2001):	Low Priority
Current Address:	3301 Glenn Avenue North, Winston-Salem, North Carolina
Longitude/Latitude:	36.1270° N/80.2342° W
Acreage:	7.7 Acres
Dates of Ownership:	
Virginia-Carolina Chemical Company:	1902 to 1926
Virginia-Carolina Chemical Corporation:	1926 to 1927
Approximate Dates of Sulfuric Acid Production:	Prior to 1900 until 1927
Current Property Owner:	Waste Management of Carolinas and Atlantic Scrap and Processing, LLC
Current Property Use:	Vacant industrial

Contact Information

Prepared For:

Steven Schmidt
Exxon Mobil Corporation
3225 Gallows Road (Rm 8B0829)
Fairfax, VA 22037
Phone: (703) 846-1005

BLASLAND, BOUCK & LEE, INC.

Prepared by:
Adam Hackenberg, P.G.
Senior Project Geologist II

Reviewed by:
Geoffrey G. Germann, P.E.
Senior Engineer II

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

11000 Regency Parkway, West Tower, Suite 205
Cary, North Carolina 27511
(919) 469-1952

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1. Introduction

1.1 Purpose

Blasland, Bouck and Lee, Inc. (BBL) was retained by ExxonMobil Corporation (ExxonMobil) to conduct a review of property information for the site of a former Virginia-Carolina Chemical Corporation phosphate fertilizer plant located in the City of Winston-Salem, Forsyth County, North Carolina (the "site"). Based on information that is currently available to BBL, Virginia-Carolina Chemical Company (VCC-1) purchased the site form Southern Chemical Company in 1902. At the conclusion of VCC-1's bankruptcy and reorganization proceedings in 1926, Virginia-Carolina Chemical Corporation (VCC-2) of Richmond, Virginia emerged as a new company and acquired the site and associated property. In 1963, VCC-2 merged into Socony Mobil Oil Company, and ExxonMobil is the successor by merger to Socony Mobil Oil.

The purpose of the property information review is to provide ExxonMobil with information needed to help respond to regulatory inquiries and to facilitate informed decision-making for the site.

1.2 Scope of Work

The scope-of-work (SOW) completed by BBL for this review included the following tasks:

- Obtained, reviewed, and georeferenced Sanborn fire insurance maps (Sanborn maps) of the site and surrounding areas dated 1895, 1900, 1907, 1912, 1917-1928, 1917-1950, and 1957 (Appendix A).
- Obtained, reviewed, scanned, and georeferenced historical United States Geological Survey (USGS) aerial photographs of the site and surrounding area dated 1950, 1977, 1982, and 1993, provided by Environmental Data Resources (EDR) (Appendix B).
- Obtained a set of 2002 high resolution color aerial photographs of the site and surrounding areas from the USGS (Figures 2 and 3).
- Obtained and reviewed historical USGS topographic maps dated 1951, 1971, 1986, 1987, and 1997, provided by EDR (Appendix C).
- Coordinated and reviewed chain-of-title (COT) research conducted by Southern Courthouse Ventures (SCV) (Appendix D).
- Searched a collection of historical fertilizer yearbooks for information pertaining to the site (complete references provided in Section 7).
- Obtained, reviewed, and summarized a current EDR Radius Map Report with Geocheck® (Appendix E).
- Obtained, reviewed, and summarized basic literature describing the physical setting of the site including, geology, surface water, and topography.
- Obtained and digitized 2004 Forsyth County compilation of recorded plats (i.e. tax maps) for the area in the vicinity of the site, as provided by Forsyth County.

- Prepared a composite figure depicting locations of current and historical site structures and features (color-coded and labeled), superimposed on a base map consisting of the 2002 aerial photograph and current tax parcel boundaries (Figure 2).

- Obtained and tabulated key data for the tax parcels that contain the former plant site and for selected nearby parcels (Table 1).

- Conducted a one-day site visit to identify current use(s) of the former property and adjacent properties (and past uses if possible); to verify that current conditions/land uses match those shown on the 2002 aerial photograph; to ascertain the presence of potential environmental conditions to the extent possible from readily accessible areas such as public roads and other public rights-of-way (ROWs); and to generate photo-documentation (Appendix F).

- Reviewed a report titled "Pre-CERCLIS Site Screening, VC Chemical – Winston-Salem," prepared by the Superfund Section of the North Carolina Department of Environment and Natural Resource (NCDENR) Division of Waste Management, dated August 4, 1999 (NCDENR, 1999).

- Reviewed a report titled "Comprehensive Site Assessment Addendum and Corrective Action Plan (No Further Action Justification) For The North Carolina Department of Transportation (NCDOT) Priority Site No. 54, Thomas Arthur Paving Company, A Division of APAC-Carolina, Inc., A Subsidiary of Ashland, Inc., Winston-Salem, Forsyth County, North Carolina," prepared by CLP Services, P.C. (CLP) for the NCDOT, dated January 2005 (CLP, 2005).

- Reviewed a report titled "Soil and Groundwater Assessment for Atlantic Scrap and Processing, 3411 N. Glenn Avenue, Winston-Salem, North Carolina," prepared by EarthTech of North Carolina, Inc. (EarthTech) for Atlantic Scrap and Processing, dated October 2005 (EarthTech, 2005).

- Prepared this Property Report summarizing the information described above.

1.3 Background

1.3.1 1999 Pre-CERCLIS Site Screening Report by NCDENR

In 1999, The Superfund Section of the NCDENR Division of Waste Management (DWM) conducted a pre-CERCLIS screening of the former VCC-2 site "due to recently obtained information regarding historical operations on former fertilizer manufacturing facilities utilizing lead-lined acid mixing chambers." The Pre-CERCLIS Site Screening Report (NCDENR, 1999) indicated that the site area west of Liberty Street was "highly commercially and industrially developed, containing several warehouse facilities, a scrap metal facility, and a rail switching yard." The site's geographic coordinates, as reported by NCDENR (1999), match the former location of VCC-2's acid chamber structures. NCDENR (1999) reported no potential pathways of exposure to possible site-related impacts. No public water supply wells were identified within one mile of the site, and all residents within one mile of the site were reportedly being served by public water. No surface water bodies were identified in the immediate vicinity of the site, no public fisheries were identified within eight miles of the site, and no drinking water intakes were identified within 15 miles downstream of the site. The nearest wetland was reported to be located 2.3 miles downstream of the site. Based on this information, the North Carolina Superfund Section recommended that the site not be listed on CERCLIS and referred the site to the NCDENR Inactive Hazardous Sites Branch.

1.3.2 2001 Report by USEPA Region 4

In 2001, the United States Environmental Protection Agency (USEPA) Region 4 Waste Management Division prepared a document entitled "Refinement of Site Universe and Initial Prioritization, Former Virginia-Carolina Chemical Facilities." This document included a summary of information that was available at the time regarding the former VCC-2 site in Winston-Salem, North Carolina (USEPA, 2001). In this document, USEPA classified the former Winston-Salem VCC-2 site as "low priority for site reconnaissance and screening." This classification was reserved for facilities that ceased sulphuric acid production prior to 1930, and/or have no environmental characterization data.

1.3.3 2005 CSA Addendum and CAP for NCDOT Priority Site No. 54

On September 13, 2005, Mr. Collin Day of the NCDENR Division of Water Quality (DWQ) supplied ExxonMobil with a Comprehensive Site Assessment (CSA) report for a former NCDOT asphalt testing laboratory site located southwest of the former VCC-2 site, along Indiana Avenue (property uses #3 and #11 and tax parcel D on Figure 2). The January 2005 report, titled "Comprehensive Site Assessment Addendum and Corrective Action Plan (No Further Action Justification) for the North Carolina Department of Transportation (NCDOT) Priority Site No. 54, Thomas Arthur Paving Company, A Division of APAC-Carolina, Inc., a Subsidiary of Ashland, Inc., Winston-Salem, Forsyth County, North Carolina," was prepared for NCDOT by CLP Services, P.C. (CLP, 2005). NCDOT Site No. 54 is one of 72 priority asphaltic materials testing laboratory sites being investigated by NCDENR in accordance with three Memoranda of Agreement dated 1989 through 1996 (CLP, 2005). The list of contaminants of concern (COCs) being investigated at these sites is limited to chlorinated aliphatic compounds including carbon tetrachloride, trichloroethene (TCE), 1,1,1-trichloroethane, and the degradation products of these compounds.

Ultimately, CLP (2005) recommended that the NCDENR assign No Further Action status to NCDOT Site No. 54. In developing their rationale for this recommendation, CLP (2005) provided an extensive review of environmental conditions (both known and suspected) at NCDOT Site No. 54 and five other nearby sites. The other nearby sites identified and reviewed by CLP (2005) were:

- Kaba-Ilco;
- Virginia Carolina Chemical Company;
- Waste Management/Norfolk Southern;
- Carolina Ore Company; and
- Royster-Clark.

In addition to NCDOT Site No. 54, two of these sites have soil and/or groundwater contamination issues that are well documented: Kaba-Ilco and Royster-Clark. BBL has summarized the data presented by CLP (2005) for these three sites in Sections 1.3.3.1, 1.3.3.2, and 1.3.3.3 below.

CLP (2005) argues that "the amount of chlorinated aliphatic compounds that NCDOT may have released is . . . negligible with respect to the apparently ubiquitous release of other hazardous compounds that has occurred in the area." CLP (2005) further suggests that "further investigation, remediation, or even monitoring of NCDOT Site No. 54 . . . will provide no benefit to public health or the environment." This position is based on CLP's contention that the plume of solvent-impacted groundwater beneath NCDOT Site No. 54 comes primarily from off-site sources (specifically the Kaba-Ilco site), and that remediation of NCDOT No. Site 54 would be fruitless in the absence of efforts by Kaba-Ilco to remove the source and/or control migration of contaminants onto the NCDOT Site No. 54.

1.3.3.1 NCDOT Site No. 54

NCDOT Site No. 54 is located southwest of the former VCC-2 site along Indiana Avenue (on the far side of the Norfolk Southern railroad) (property uses #3 and #11 and tax parcel D on Figure 2). CLP (2005) reported that NCDOT Site No. 54 was occupied by an asphalt and concrete mixing plant by 1950 (note that BBL's review of historical Sanborn Maps indicates that this plant may have existed as early as 1927). Atlantic Bitulithic Company was the original owner of the plant. APAC Atlantic (a subsidiary of Ashland, Inc.) became the owner of the site through a series of mergers and acquisitions. The asphalt plant was razed and rebuilt between 1969 and 1976, and asphalt production ceased at the facility by 1992. In 2004, the site was sold to Neil Wilson and Deshanna Johnson doing business as N&D Entertainment. Throughout its history, the features of the asphalt plant included tar tanks, a steel-framed mixing bin, aggregate piles, a scale house, at least two separate office/laboratory facilities, various drum storage areas, a pond, and miscellaneous debris piles. NCDOT collected and analyzed three soil samples from the site in 1989, which were reported to contain various chlorinated aliphatic compounds in the parts per million (ppm) range. The report associated with these activities indicated that NCDOT, the City of Winston-Salem, and various independent geotechnical laboratories had used the asphaltic materials testing laboratory located at the site. Subsequent soil assessment activities were reportedly unable to confirm the ppm-range concentrations of chlorinated aliphatic compounds previously detected in soil, but targeted chlorinated compounds have been detected in a variety of shallow and deep site monitoring wells at concentrations exceeding North Carolina groundwater quality standards (CLP, 2005).

1.3.3.2 Kaba-Ilco Site

The Kaba-Ilco site is located west of the former VCC-2 site and northwest of the NCDOT Site No. 54 along Indiana Avenue (property use #1 and tax parcel E on Figure 2). Throughout its developed history, the Kaba-Ilco site has been variously used as a cotton mill, a furniture hardware manufacturing facility, and a manufacturing facility for locks and other door hardware. Manufacturing processes included cotton carding, spinning, and weaving; foundry work; vibratory finishing; electroplating; oxidizing; buffing; lacquering; painting; and degreasing. Wastes generated at the facility reportedly included bag house waste containing lead, degreasing sludge, electroplating wastewater, waste containing various cyanide salts, and tetrachloroethene. CLP (2005) recounted a long history of on-site chemical waste disposal and chemical releases to the environment, concomitant regulatory activities, and civil actions associated with the Kaba-Ilco site. The site has been regulated by the NCDENR (and/or its predecessor agencies) under the Resource Conservation and Recovery Act (RCRA) and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) since the early 1980s. The NCDENR DWQ is currently responsible for oversight of assessment and remediation activities at the site. COCs associated with the Kaba-Ilco site include chlorinated aliphatic compounds, petroleum hydrocarbons, metals, and cyanide (CLP, 2005).

1.3.3.3 Royster-Clark Site

The Royster-Clark site is located northwest of the former VCC-2 site and north of the Kaba-Ilco site (property use #16 and tax parcel F on Figure 2). International Minerals and Chemical Corporation (IMC), the corporate predecessors of Royster-Clark, began manufacturing fertilizer at the site prior to 1950. The site has remained in-use as a fertilizer manufacturing facility to the present. Based on its review of a single groundwater monitoring document for the Royster-Clark facility, CLP (2005) reported that various COCs exceed the North Carolina groundwater quality standards, including arsenic, cadmium, chloride, ammonia, nitrate, phosphorous, sulfate, and radionuclides. Some or all of these COCs are reportedly migrating in groundwater off-site to the north and northeast and discharging into Bowen Branch of Brushy Fork Creek (CLP, 2005).

1.3.3.4 Other Sites (Including the Former VCC-2 Site)

The information provided in CLP (2005) regarding potential environmental impacts associated with Virginia-Carolina Chemical Company, Waste Management/Norfolk Southern, and Carolina Ore Company was largely speculative – based on the absence of vegetation and/or soil tonal patterns as viewed on historical aerial

photographs, generalizations regarding historical facility operations, and extrapolation of environmental findings from other purportedly similar sites.

1.3.4 2005 Soil and Groundwater Assessment Report for Atlantic Scrap and Processing

In August 2005, Atlantic Scrap and Processing, LLC (Atlantic Scrap) (property use #14 and tax parcel B on Figure 2) conducted a soil and groundwater assessment in the vicinity of two springs on their property. The springs, which discharge to Bowen Branch of Brushy Fork Creek, are located in a scrap yard approximately 700 feet north of the former VCC-2 plant site. Atlantic Scrap completed the assessment due to elevated concentrations of chloride, manganese, sulfate, zinc, lead, and cadmium detected in spring water samples, as required by a Notice of Violation (NOV) issued by NCDENR's Aquifer Protection Section. NCDENR provided ExxonMobil with the results of Atlantic Scrap's assessment, which were summarized in a report titled "Soil and Groundwater Assessment Report for Atlantic Scrap and Processing, 3411 Glenn Avenue, Winston-Salem, North Carolina," prepared by Earth Tech of North Carolina, Inc. (Earth Tech), dated October 26, 2005 (Earth Tech, 2005). BBL understands that NCDENR initially sampled the springs in connection with NCDOT's plan to widen an adjacent segment of United States Highway 52 (US 52). NCDENR has not provided ExxonMobil with the full set of soil and water sampling/analytical data related to the NCDOT project.

In response to the NOV, Atlantic Scrap's consultant installed a variety of piezometers and temporary monitoring wells, from which they collected data on a selective basis. Earth Tech also collected two soil samples near a drainage ditch located near the springs and analyzed them for organic compounds only. A third soil sample was collected from a part of Atlantic Scrap's property referred to as the "Carolina Ore" site. This sample was analyzed only for target analyte list (TAL) and toxicity characteristic leaching procedure (TCLP) metals. As discussed later in this Property Report, Carolina Ore Company formerly operated a nodulating plant and rotary kiln on a tract of land that they purchased from VCC-1 in 1910. The former Carolina Ore site is in the southern portion of Atlantic Scrap's property. Several notable findings (as interpreted by BBL) included the following:

- the water table depth in the area assessed varied from 4 to 10 feet below ground surface (bgs);
- shallow groundwater flows horizontally to the east; therefore, the former VCC-2 plant site is hydraulically cross gradient from the impacted springs;
- Atlantic Scrap did not assess soil or groundwater in the vicinity of the impacted springs (i.e., in its scrap yard) for the metals and inorganic parameters cited in the NOV;
- the temporary well located hydraulically upgradient to the west of the springs contained a variety of metals and inorganics, and chloroform, which Earth Tech (2005) attributed to an unspecified off-site source; Earth Tech (2005) credited the same unspecified off-site source for the impacts observed in the two springs;
- the temporary well located nearest to the former VCC-2 site also contained metals and inorganics, but at much lower concentrations than the aforementioned temporary well;
- the soil sample collected from the Carolina Ore site contained elevated levels of arsenic, barium, and lead compared to the North Carolina Soil Remediation Goals (SRGs) (NCDENR, 2006); however, the soil sample would not be a characteristic hazardous waste based on the TCLP results; and
- The NOV indicates a third spring on Atlantic Scrap's property has been impacted by the Royster-Clark site, which is located hydraulically upgradient to the west of the Atlantic Scrap site.

2. Site Description

2.1 Site Location and Boundaries

The site is located in the City of Winston-Salem, Forsyth County, North Carolina, near the intersection of Indiana Avenue and two separate branches of the Norfolk Southern railroad. Figure 1 depicts the location of the site on portions of the USGS 7.5-minute quadrangle maps for Walkertown and Winston-Salem East, North Carolina. The property that contains most of the former VCC-2 plant site has a street address of 3301 Glenn Avenue; however, the former plant site is located at the far southern end of this property closer to Indiana Avenue between two branches of the Norfolk Southern Railroad. The approximate geographical location of the center of the site is at 36.1270° North latitude and 80.2342° West longitude (North American Datum of 1983 [NAD83]).

As defined for the purpose of this report, the site consists of approximately 7.7 acres of land located within the fence line of the former VCC-2 plant site. The fence line of the former plant site is depicted on Sanborn maps dated 1912 and 1917 through 1928 (Figures 2 and 3, Appendix A). Based on the available COT information, it is estimated that VCC-2 owned close to 180 acres of property in Forsyth County, North Carolina at the time of its incorporation in 1926 (Appendix D and Section 2.6.2). However, the only portion of this property whose location could be readily ascertained and mapped with a degree of certainty was a tract known as the "First" lot of the "Original Place", which contained the former plant site. The fence line of the former plant site follows the boundary of the First lot of the Original Place.

2.2 Current Ownership

Two companies currently own the former VCC-2 plant site; Waste Management of Carolinas (WM) and Atlantic Scrap. The site occupies only a small portion of the total acreage owned by these companies. Table 1 provides summary data for the properties owned by WM and Atlantic Scrap. Approximately 2.2 acres of the site are occupied by the right-of-way (ROW) for US 52 and State Route 8 (US 52 / SR 8), which is presumably owned by NCDOT. Table 1 also provides summary data for five adjacent properties, owned by Norfolk and Southern Railroad, Neal and Deshanna Wilson (NCDOT Site No. 54), Kaba-Ilco Corporation, Royster-Clark Agribusiness, Inc., and Virginia Holding Company. The summary data provided in Table 1 includes parcel identification number (PIN), physical address, owner's name and mailing address, acreage, and assessed value.

2.3 General Characteristics of Former Site and Vicinity

The site is in an old industrial area located northeast of downtown Winston-Salem, along North Liberty Street, near the intersection/divergence of two branches of the Norfolk Southern Railroad. The former VCC-2 plant site is bounded to the north by Norfolk Southern's rail yard and Atlantic Scrap's facility, to the east by the Norfolk Southern Railroad (and North Liberty Street beyond), to the south by vacant industrial land (and Indiana Avenue beyond), to the southwest by the Norfolk Southern Railroad (and NCDOT Site No. 54 beyond), and to the west by an rolling stock storage yard. The site is bisected from northwest to southeast by the US 52 / SR 8 ROW, which is approximately 150-feet wide.

Almost all of the land within 500 feet of the site can be characterized as commercial, industrial, vacant/abandoned industrial, or transportation. A property occupied by Hanes Lowrence Middle School is located just over 400 feet southwest of the site. The broader area shown on Figure 2 includes a mixture of commercial, industrial, institutional, government, and residential land uses. Areas north and south of the site are primarily commercial and industrial. Areas to the distant east and distant west of the site are primarily residential. A large Norfolk Southern rail yard is located north of the site, and Smith Reynolds Airport is located northeast of the site.

2.4 Current Uses of the Site

The former VCC-2 plant site is currently located on industrial land owned by WM and Atlantic Scrap, and on the US 52 / SR 8 ROW (Figure 2). During a site visit conducted on October 24, 2005, BBL found no public roads or other public rights-of-way providing access to the property, so it was not possible to make observations regarding current use of the site by means of a site walk-through. Reasonable attempts were made to safely observe the site from various line-of-sight locations along Liberty Street, Indiana Avenue, and US 52 / SR 8, but the vantage points afforded by these locations were poor. As observed on a 2002 aerial photograph, much of the land within the site boundaries is vacant (Figures 2 and 3). Scrub/brush vegetation covers approximately 30% of the site. WM's rolling stock storage yard extends into the western portion of the site, and an unpaved road leading southeasterly from the WM storage yard passes through the site, terminating at a possible billboard along US 52 / SR 8. Another possible billboard is visible in the northeast corner of the site, on land owned by Atlantic Scrap. An unpaved road leads away from this billboard to the north. A strip of minimally vegetated land (50-feet wide) crosses the southern portion of the site from west to east; this feature corresponds with a power easement depicted on the 2004 Forsyth County tax maps.

2.5 Current Uses of Adjacent Properties

As previously noted, almost all of the land within 500 feet of the site can be characterized as commercial, industrial, vacant/abandoned industrial, or transportation. The following sections describe specific land uses for the properties located within 500 feet of the site, as observed on the 2002 aerial photograph (Figures 2 and 3) and during a windshield survey conducted by BBL on October 24, 2005. Figure 2 illustrates the locations of properties and identified land uses in the vicinity of the site. Photographs taken in the vicinity of the site are included in Appendix F.

2.5.1 WM Facility

Adjacent areas to the west and south of the site are currently owned and occupied by WM (property use #13 and tax parcel A on Figure 2). As observed during BBL's windshield survey, there are multiple buildings on the WM property, including an office building along Glenn Avenue and possible storage/maintenance buildings (Appendix F, Photos 9 and 10). The portion of WM's land located adjacent to and north of the former VCC-2 site appears to be an outdoor rolling stock storage yard, as depicted on the 2002 aerial photograph (Figures 2 and 3). The storage yard contains approximately 100 truck trailers and/or shipping containers. The portion of WM's land located adjacent to and south of the site is approximately 50% wooded and contains two small buildings of unknown use. These buildings are located along a branch of the Norfolk Southern Railroad.

2.5.2 Atlantic Scrap

A scrap yard and processing facility owned by Atlantic Scrap is located north of the former VCC-2 plant site (property use #14 and tax parcel B on Figure 2). The portion of the Atlantic Scrap property located immediately adjacent to the site is wooded and appears to be mostly vacant (Figures 2 and 3). Further to the north, there is a large area containing piles of scrap and debris, truck trailers and shipping containers, and possibly small buildings. There is an unpaved road extending from the scrap and debris piles southward to the former VCC-2 plant site. To the north of the scrap and debris piles lie at least six large industrial buildings, possible scrap processing equipment, storage bins, above ground storage tanks (ASTs), and additional piles of scrap and debris. At least three rail spurs (or their remnants) connect this area of the Atlantic Scrap property to the adjacent Norfolk Southern rail yard.

2.5.3 Norfolk Southern

Norfolk Southern Railroad corridors border the site to the east and southwest. A tract of associated Norfolk Southern land is also located northeast of the site (tax parcel C on Figure 2). The portion of this tract located immediately adjacent to the site is wooded and appears to be mostly vacant (Figures 2 and 3). Another portion

lying further to the east is occupied variously by a large rail yard, a Suburban Propane facility (property use #23 on Figure 2), and abandoned buildings (property use #20 on Figure 2).

2.5.4 NCDOT Site No. 54

NCDOT Site No. 54 lies to the southwest of the former VCC-2 plant site (property uses #3 and #11 and tax parcel D on Figure 2). This facility was previously described by CSP (2005), as summarized in Section 1.3.3.1 of this Property Report. As observed during BBL's windshield survey, most of this property was vacant and fenced. The field survey team observed at least 12 monitoring wells and scattered 55-gallon steel drums in the northern portion of NCDOT Site No. 54 (Appendix F, Photos 3 and 4). An unidentified industrial facility was observed along Indiana Avenue in the southern portion of NCDOT Site No. 54 (Appendix F, Photo 5). This facility, consisting of two buildings and an adjacent parking lot, are also visible on the 2002 aerial photograph (Figure 2 and 3).

2.5.5 Kaba-Ilco

A Kaba-Ilco manufacturing plant and associated property lie approximately 250 feet west of the site (property use #1 and tax parcel E on Figure 2). This facility was previously described by CSP (2005), as summarized in Section 1.3.3.2 of this Property Report. As viewed on the 2002 aerial photograph, the Kaba-Ilco facility is a large contiguous industrial facility with a large parking lot fronting Indiana Avenue. The southeastern portion of the Kaba-Ilco property is a large field being used for outdoor storage of unidentified material/debris. A small shed is located roughly in center of this field, and there is some evidence of past soil disturbance in the southern half of the field. Appendix F contains several photographs of the Kaba-Ilco facility (Photos 1, 2, and 6).

2.5.6 Royster-Clark

Property containing a Royster-Clark fertilizer manufacturing plant lies about 350 feet northwest of the site (property use #16 and tax parcel F on Figure 2). This facility was previously described by CSP (2005), as summarized in Section 1.3.3.3 of this Property Report. Notable features of the Royster-Clark facility include a large industrial building with at least eight smaller satellite buildings, smokestacks, possible white particulate matter on roof tops adjacent to the smokestacks, a variety of ASTs, an uncovered pile of fine-grained material located on a paved lot, and two adjacent features resembling empty ponds or lagoons (Figure 2).

2.5.7 Hanes Lowrence Middle School

The northeastern edge of the Hanes Lowrence Middle School property lies approximately 400 feet west/southwest of the former VCC-2 plant site (property uses #2, #4, and #7 on Figure 2). The portion of the school property located nearest to the site is occupied by an athletic field and a possible warehouse building. NCDOT Site No. 54 lies between the former VCC-2 plant site and the Hanes Lowrence Middle School. Appendix F contains a photograph of the Hanes Lowrence Middle School (Photo 16).

2.5.8 Additional Properties along North Liberty Street

Additional identified land uses and property owners located within 500 feet of the site, along North Liberty Street, include the following:

- Virginia Holding Corporation (tax parcel G on Figure 2);
- National Welders (property use #24 on Figure 2);
- Trader Publishing (property use #22 on Figure 2);
- Winston-Salem Rescue Squad (property use #21 on Figure 2);
- Liberty Butcher Shop (property use #18 on Figure 2); and
- Liberty Street Sports Bar (property use #19 on Figure 2).

2.6 Past Uses of the Site

2.6.1 Sources of Historical Use Information

Information pertaining to the historical use of the site was obtained from the following references:

- Sanborn maps dated 1895, 1900, 1907, 1912, 1917-1928, 1917-1950, and 1957 (Appendix A).
- USGS aerial photographs dated 1950, 1977, 1982, and 1993 (Appendix B).
- USGS topographic quadrangle maps dated 1951, 1971, 1986, 1987, and 1997 (Appendix C);
- COT research conducted by SCV (Appendix D);
- Historical fertilizer yearbook records pertaining to the site (complete references provided in Section 7).
- Incidental historical use information found in other documents and records reviewed during the preparation of this Property Report (Section 1.2, Section 7).
- A 2002 color aerial photograph obtained from USGS (Figures 2 and 3).

2.6.2 Chain-of-Title Research

In 2005, BBL retained SCV to conduct COT research for the two tax parcels that currently contain the former VCC-2 plant site (PIN #6836-58-0260 and PIN # 6836-49-7898). SCV could not provide a traditional linear COT for these properties due to a variety of factors, including missing book / page history references in key deeds, complex property boundary re-alignments that occurred following VCC-2's sale of its Forsyth County properties in 1927, the generally poor quality of metes and bounds descriptions provided in the older deeds, and the disappearance of important landmarks referenced in the older deeds. Instead, SCV provided deed packages for six series of transactions, organized based on common heritage (Appendix D). From these packages, with a reasonable level of effort, BBL interpreted three COTs that provide important insights into the history of land ownership as it relates to VCC-1 and VCC-2 in the vicinity of the former plant site. These COTs are presented and described in the following three sections.

2.6.2.1 COT Leading up to Acquisition by VCC-2 (1902 to 1926)

Table 2 presents BBL's interpretation of the COT leading up to and including acquisition by VCC-2 of its former property in Winston-Salem, Forsyth County, North Carolina. This COT begins with the acquisition by VCC-1 of five separate tracts of land between 1902 and 1921, referred to in historical deeds by the following names:

- The Original Place;
- The Standifer Place;
- The Wilson Tract;
- Piedmont Park; and
- The Brown Tract.

VCC-1 acquired the Original Place from Southern Chemical Company on May 7, 1902, and this tract is believed to contain the site of the former VCC-1 / VCC-2 fertilizer manufacturing plant. Based on the available deed descriptions, Original Place contained less than 14 acres of land. Of the four lots that make up the original place, only the First lot could be mapped with a degree of certainty. VCC-1 granted several utility easements

across this tract (and possibly others) in 1916 and 1917. In 1923, VCC-1 sold an approximate 1.33-acre piece of the Original Place to the Norfolk and Western Railway Company. This piece of land is believed to be located east of the former plant site, between the present-day Norfolk Southern Railroad and North Liberty Street. In 1926, at the completion of federal reorganization proceedings, VCC-2 emerged as a new company and acquired the VCC-1 property in Winston-Salem, including the remaining acreage of the Original Place. Section 2.6.2.3 (below) and Table 4 follow the COT of the Original Place (a.k.a. the plant site) forward to the current owners, as interpreted by BBL.

VCC-1 acquired the 36-acre Standifer Place from James G. Standifer on June 7, 1902. The Standifer Place is believed to have bounded the Original Place to the north and west. A VCC-1 / VCC-2 water tower and storage shed may have been located on the Standifer Tract (Figure 3). In 1910, VCC-1 sold a 3.34-acre portion of the Standifer Place to the Carolina Ore Company. The Carolina Ore Company constructed and operated a nodulating plant and rotary kiln just north of the VCC-1 plant site, as shown on the Sanborn map dated 1917-1928 (Appendix A). At the completion of federal reorganization proceedings in 1926, VCC-2 acquired the remaining 32.66 acres of the Standifer Place.

The Wilson Tract was acquired by VCC-1 on February 12, 1902. Most of the 166-acre Wilson Tract is believed to have been located east of present-day Liberty Street. No VCC-1 or VCC-2 plant structures are believed to have been located on the Wilson Tract. In 1908, VCC-1 sold a 28.53-acre portion of the Wilson Tract to Piedmont Park Company. Piedmont Park (a.k.a. Winston-Forsyth County Fairgrounds) appears on Sanborn maps dated 1912 through 1950 (Appendix A). In 1923, VCC-1 sold an approximate 0.66-acre piece of the Wilson Tract to the Norfolk and Western Railway Company. This piece is believed to be located east of the former plant site, between the present-day Norfolk Southern Railroad and North Liberty Street. At the completion federal reorganization proceedings in 1926, VCC-2 acquired the remaining portion of the Wilson Tract (approximately 136.80 acres).

VCC-1 acquired an unspecified acreage of property from Piedmont Park Company on June 15, 1908. The metes and bounds description provided in the associated deed makes reference to Depot Road as one of the boundaries. Using Sanborn maps and 2004 tax maps, BBL determined that Depot Road is now called Patterson Avenue. As such, the property acquired from Piedmont Park was probably located in the vicinity of Patterson Avenue, which is several blocks west of the former plant site (Figure 2). SCV could not locate any information regarding the disposition of this property, but it is not listed in the 1926 deed by which VCC-2 acquired the VCC-1 property in Forsyth County. Therefore, it is not likely that this property was ever owned by VCC-2.

VCC-1's final land acquisition was in 1921, when an unspecified acreage of land was purchased from B.T. Brown and Rebecca Brown. This land was possibly located between present-day North Liberty Street and the Norfolk Southern rail yard, in the vicinity of Fairchild Road (formerly Norwood Street). All or a portion of the Brown Tract was acquired by VCC-2 in 1926. Although the exact location of the Brown Tract could not be determined, its size appears to be negligible compared to VCC-2's other land holdings.

Based on the information provided above, it is estimated that at the time of its incorporation in 1926, VCC-2 owned close to 180 acres of property in Forsyth County, North Carolina. However, the only portion of this property whose location could be mapped with a degree of certainty was the First lot of the Original Place, which contained the former plant site. The fence line of the former plant site follows the boundary of the First lot of the Original Place. As defined in this Property Report, the site is the approximate 7.7-acre area within the former plant site fence line.

2.6.2.2 Sale of Property to RJR (1927 to 1931)

Table 3 presents a summary of COT information relating to the sale of VCC-2's property to Richard J. Reynolds (RJR). On June 29, 1927, VCC-2 sold 179.71 acres to RJR. Based on a review of the associated deeds and comparison of reported acreages, this conveyance appears to include all of the property previously acquired by VCC-2 from VCC-1. A second deed was executed between VCC-2 and RJR on July 1, 1927, allowing VCC-2 to continue operating its fertilizer plant on the property until December 1, 1927. VCC-2 is referred to as the "manufacturing tenant" of the property. The July 1927 deed further permitted VCC-2 to remove and/or salvage any plant buildings and equipment until April 4, 1928, on which date all interest of VCC-2 in the plant buildings and equipment would terminate. Several years later, in 1931, two quitclaim deeds were filed with Forsyth County showing Southern Land Sales Corporation (Trustee) and VCC-2 as grantors and RJR as grantee. These quitclaim deeds suggest that VCC-2 held the mortgage to the property following the 1927 sale to RJR, and that the property was held in trust by Southern Land Sales Corporation until March 4, 1931.

2.6.2.3 VCC-2 Plant Site Forward to Current Owners (1902 to 2006)

Table 4 presents a summary of the COT for the former VCC-2 plant site, as interpreted by BBL, from acquisition by VCC-1 in 1902 through acquisition by the current owners (WM and Atlantic Scrap). The first part of this chain, through 1931, has been duplicated from Tables 2 and 3. As summarized in Table 4, the following individual and corporate entities had an interest in the VCC-2 plant site after 1931:

- Wachovia Bank and Trust Company, Trustee for the Winston-Salem Foundation;
- Morris Brenner and Abe Brenner;
- Morris Brenner and wife, Gertrude Brenner and Abe Brenner and wife, Miriam Brenner;
- Brenner Iron and Metal Company;
- Brenner Companies (corporate successor to Brenner Iron and Metal Company);
- State Highway Commission, an Agency of the State of North Carolina;
- US Sprint Communications Company (Easement);
- Waste Management of Carolinas;
- Recycling Industries of Winston-Salem, Inc.
- Patrick D. Cavanaugh as the Assignee for the Benefit of the Creditors of Recycling Industries of Winston-Salem, Inc.; and
- Atlantic Scrap & Processing, LLC.

The title records provided by SCV for the post-1931 period also contained the following information that is potentially relevant to the environmental condition of the site in connection with the more contemporary property uses:

- In a document titled "Articles of Amendment of Brenner Iron and Metal Company (which is now Brenner Companies, Inc.)," dated 1978, the object and purpose for which this Corporation is founded is, among other functions, "to manufacture, process, fabricate, treat, utilize, buy, sell, distribute, traffic in, import, export, own and use iron, steel, manganese, copper, aluminum, zinc, lead, and metals of every kind and description, stone, ores, coal, coke, wood, lumber, wool, cotton, linen, silk, rayon, nylon, paper, glass, and other materials and any of the products thereof, and any articles consisting or partly consisting thereof." (Appendix D; deed book 1245, page 0561).

- In 2004, WM filed a Notice of Residual Petroleum (NRP) for its 18.586-acre property (PIN #6836-58-0260) in connection with a release of petroleum from an underground storage tank (UST); the NRP restricts land use within the property to commercial/industrial only and prohibits the use of groundwater

beneath the property for water supply. The restricted area includes over half of the former VCC-2 plant site (approximately 4.6 acres).

2.6.3 Operational History of the Former Plant Site

Historical information (including COT records and Sanborn maps) indicates that a fertilizer plant was constructed at the site by Southern Chemical Company between 1895 and 1900, and was continuously operated through 1927. VCC-1 acquired the plant from Southern Chemical Company in 1902, and VCC-2 acquired the plant from VCC-1 in 1926. Historical fertilizer yearbooks list the site variously as Virginia Carolina Chemical Company and Southern Chemical Company from 1911 through 1913, and as Virginia Carolina Chemical Company from 1914 through 1926 (FMD and AFH as referenced in Section 7). In 1927, the site is listed as Virginia Carolina Chemical Corporation. After 1927, there are no listings that correspond with the site. From 1911 through 1920, the fertilizer yearbooks provide no specific information regarding plant operations. However, the site is listed as a complete factory with acid chambers or acid process facilities from 1921 through 1927.

A review of the available Sanborn maps confirmed that the facility was a complete factory with acid production facilities throughout its entire operational history. At various times throughout the plant's history, its features included an acid chamber structure, compressor room, pyrites burners, a pyrites house, acid towers, a nitre house, a boiler room, a pump house, various water towers, a 100,000-gallon reservoir, a tobacco stem and grinding warehouse and associated drying furnace, a transformer house, rock sheds, a mill building (for grinding, mixing, storage, and bagging of fertilizer), a bag house, a motor printing press, several storage/warehouses, scales, a corn crib, and an office. As indicated on the Sanborn maps, the plant received its water supply from a "branch" located north of the plant site. Figure 3 identifies the locations of many of these features superimposed on a base map consisting of the 2002 aerial photograph and the 2004 Forsyth County tax maps. The mill building and associated structures were located south of present-day US 52 / SR 8, and the acid plant was located beneath and to the north of present-day US 52 / SR 8. Although the plant remained essentially unchanged throughout its years of operation, some notable modifications did take place, including an expansion of the mill building and the acid plant between 1900 and 1907.

As previously noted in Section 2.6.2.2, VCC-2 sold the plant site to RJR on June 29, 1927, but was allowed by RJR to continue operating the plant until December 1, 1927. Furthermore, RJR allowed VCC-2, the "manufacturing tenant" of the property, to remove and/or salvage any plant buildings and equipment until April 4, 1928, on which date all interest of VCC-2 in the plant buildings and equipment would terminate. Based on a review of two quitclaim deeds filed in 1931 by Southern Land Sales Corporation, VCC-2 may have held the mortgage to the property following the 1927 sale to RJR. The quitclaim deeds indicate that the entire former VCC-2 property was held in trust by Southern Land Sales Corporation until March 4, 1931.

Following sale of the plant site to RJR, Sanborn maps, historical aerial photographs, and historical USGS topographic quadrangle maps depict the site as being mostly vacant with no obvious use up through 2002, except for US 52 / SR 8, which was constructed in the 1960s or 1970s (Appendices A, B, and C). Disturbed, barren ground is visible in the northern portion of the plant site in the 1950 aerial photograph (Appendix B). However, disturbed, barren ground is also visible on adjacent areas to the north (owned at the time by RJR) and to the west (owned or occupied at the time by Atlantic Bitulithic Company a.k.a. NCDOT Site No. 54). As viewed on the 1977 aerial photograph, much of the disturbed, barren areas have re-vegetated. However, on the 1982 and 1993 aerial photographs, un-vegetated areas are again visible in the west central portion of the former plant site. The topographic features of the former plant site are consistent throughout time as depicted on the available collection of historical USGS topographic quadrangle maps (Appendix C). On all of the historical topographic maps, a low lying area is depicted in the central portion of the site. Therefore, surface water runoff

and possibly groundwater from surrounding areas and properties might be expected to flow onto the former plant site, toward this low lying area.

2.7 Physical Setting

The following references were used to provide information on the physical setting of the subject property:

- USGS topographic maps for the Walkertown and Winston-Salem East, North Carolina 7.5-minute quadrangle (Figure 1);
- Soil survey data provided by EDR from the STATSGO database prepared by the United States Department of Agriculture (USDA) Soil Conservation Service (SCS) in cooperation with the National Cooperation Soil Service (NCSS);
- Wetlands mapping data were provided by EDR from the United States Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI); and
- Floodplains mapping data were provided by EDR from the Federal Emergency Management Agency's (FEMA) Electronic Flood Database.

2.7.1 Topography

Winston-Salem, North Carolina is located in the Piedmont physiographic province of North Carolina. The Piedmont is characterized by gently rolling hills with increasing intensity approaching the Blue Ridge province to the west. Topographic relief in the vicinity of the former site is moderate with ground surface elevations generally varying from 914 to 1036 feet above mean sea level (amsl) (EDR, 2005). The land surface generally slopes downward from west to east across the former plant site. A low-lying area, represented by inwardly hatched contour lines, exists in the central portion of the former plant site.

2.7.2 Geology and Hydrogeology

The Site lies in the Piedmont physiographic province of North Carolina. In this province, unweathered fractured crystalline bedrock is overlain by a layer of regolith. Regolith varies in thickness across the area and is composed of varying proportions of topsoil, alluvium, and saprolite depending on the topography and geologic history of the area. Saprolite is typically a major component of regolith and is formed by in-place physical and chemical weathering of igneous or metamorphic rocks. In the Winston-Salem area, the underlying unweathered fractured crystalline bedrock is composed of felsic gneiss and granite from the lower Paleozoic and Precambrian Eras (King and Beikman, 1974).

In the area of the site, the Piedmont is characterized by a two-part groundwater system, comprised of regolith and bedrock. The regolith is the primary storage reservoir for the underlying bedrock and has high porosity and low permeability. Precipitation is stored as groundwater in the pore spaces of the regolith as it permeates through the subsurface. The water table typically exists within the regolith, and the direction of shallow groundwater flow generally follows the slope of the land surface. Groundwater yields from crystalline bedrock vary greatly, depending primarily upon the existence of joints and fractures within the rock (USGS, 1997). The overlying saprolite is hydraulically connected with the underlying crystalline bedrock and provides the primary source of recharge water to the bedrock aquifer.

Based on a review of STATSGO soil survey data compiled by the USDA SCS, the soil underlying the former properties belongs to the Urban Land Series and is covered by impervious surfaces or reworked to the extent that previous profiles cannot be determined. The Urban Land Series is well-drained and has low infiltration rates. The STATSGO soil survey data presented herein was provided by EDR (EDR, 2005).

2.7.3 Surface Water

Surface water runoff generally flows to the northeast to the Bowen Branch of Brushy Fork Creek located approximately 700 feet north of the site (Figure 2). Bowen Branch flows easterly and discharges to Brushy Fork, and in turn, Brushy Fork discharges to Salem Creek on the east side of Winston-Salem. Salem Creek flows westerly through downtown Winston-Salem and discharges to Muddy Creek southwest of the City. Muddy Creek discharges to the Yadkin River. On a regional scale, the site is located within the Yadkin-Pee Dee River Basin.

2.7.4 Wetlands and Floodplains

The FEMA floodplain map provided by EDR indicated that neither of the former properties lies within the 100 or 500 year flood zone. An area designated by the 100 year flood zone is located within 0.75 miles southeast of the site, and another area designated as a 100 year flood zone is located within 1 mile northeast of the site (EDR, 2005).

The overview map provided by EDR from the USFWS showed no wetland areas mapped within the boundaries of the site, or within a 1-mile radius of the site (EDR, 2005).

2.8 Site Utilities

BBL was unable to ascertain utility information for the former plant site due to inaccessibility; however, BBL observed public utilities on adjacent properties and along public ROWs, including electric, natural gas, sanitary and storm sewers, telephone, and water.

2.9 Potential Receptors

BBL completed a review of potential receptors in the vicinity of the site. The findings of this review are provided in Section 5.5.

3. Automated Database Search and Radius Report

BBL retained EDR to conduct a search of publicly available federal and state environmental databases. EDR searched for sites with database records located inside a radius of up to one mile from the approximate center of the site and provided a report of their findings. The complete EDR Radius map Report with Geocheck® is provided as Appendix E. The following summary of findings includes only the databases that contained records within the search radii for the property and vicinity:

	Search Radius (miles)	Total Sites	Located on Former Site (Y/N)	Name and Address of Closest Site	Distance (miles), Direction
FEDERAL DATABASE SEARCH RESULTS					
RCRA-TSD – Resource Conservation and Recovery Act treatment, storage and disposal facility					
	0.5	1	N	B/E Aerospace, Inc. 1455 Fairchild Rd.	0.25-0.5, E
RCRA-SQG – Resource Conservation & Recovery Act small quantity generator of hazardous waste					
	0.25	1	N	Trader Publishing Winston PLT 3001 N. Liberty	0.125-0.25, SSE
STATE DATABASE SEARCH RESULTS					
SHWS – Sites listed on the Hazardous Site Inventory					
	1	1	N	Stewart-Warner Corp/Bassick-Sack 2941 Indiana Ave.	0.125-0.25,WSW
LUST – Leaking Underground Storage Tank Incident Management Database					
	0.5	19	Y	Waste Management 3301 Glenn Avenue	0.25-0.5, NW
UST – Underground Storage Tank Database					
	0.25	7	Y	Waste Management 3301 Glenn Avenue	0.25-0.5, NW
HSDS – Hazardous Substance Disposal Site					
	1	3	N	Stewart-Warner Corp. Bassick –Sack 2941 Indiana Ave.	0.125-0.25, SW
LUST Trust – Claims against the State Trust Funds for expenses incurred while remediating LUST					
	0.5	6	Y	Waste Management 3301 Glenn Avenue	0.25-0.5, NW
IMD – Incident Management Database					
	0.5	26	Y	Waste Management 3301 Glenn Avenue	0.25-0.5, NW

3.1 Former VCC-2 Site

The Waste Management property at 3301 Glenn Avenue, which contains a portion of the former VCC-2 site, is variously listed by EDR (2005) as Brenner Iron and Metal Waste Management and Waste Management in the following databases:

- IMD;
- LUST;
- UST; and

- LUST Trust.

3.2 Adjacent Areas/Properties

The following sections summarize EDR (2005) database listings for sites/properties located within approximately 500 feet of the former VCC-2 site. These data are being presented to demonstrate the profusion of environmental incidents in the immediate vicinity of the former VCC-2. The sites/properties listed below almost completely encircle the former VCC-2; however, an interpretation of the potential for these sites to impact the former VCC-2 site is beyond the scope of this report.

3.2.1 Norfolk and Southern Railroad

The Norfolk and Southern Railroad, identified as Norfolk and Western Railway Co. at 3000 Liberty Street by (EDR, 2005), is listed in the following databases:

- IMD;
- Leaking Underground Storage Tank (LUST); and
- UST.

3.2.2 NCDOT Site No. 54

NCDOT Site No. 54 (a.k.a. APAC – Thomas Arthur Paving Company and Neal and Deshanna Wilson Property) is located approximately 100 feet southwest of the former VCC-2 site at 2805 Indiana Avenue, and is listed in the following databases:

- IMD; and
- LUST.

3.2.3 Suburban Propane

Suburban Propane, located 100 feet east of the former VCC-2 site at 3100 North Liberty Street, is listed in the UST database.

3.2.4 Liberty North Fire Station 3

Liberty North Fire Station 3, located approximately 250 feet east of the site at 2995 North Liberty Street, is listed in the UST database.

3.2.5 RJR Flight Operations

R J Reynolds Tobacco Company Flight Operations, located approximately 250 feet east of the site at 2901 North Liberty Street, is listed in the UST database.

3.2.6 Kaba-Ilco Corporation

A site known variously as ILCO UNICAN Corporation, Stewart-Warner Corporation Bassick-Sack Division, and Kaba-Ilco is located approximately 300 feet west of the former VCC-2 site at 2941 Indiana Avenue, and is listed in the following databases:

- HSDS;
- Incident Management Database (IMD);
- Comprehensive Environmental Response, Compensation, and Liability Information System – No Further Remedial Action Planned (CERCLIS-NFRAP);
- Facility Index System (FINDS);
- Resource Conservation and Recovery Act Information – Large Quantity Generator (RCRA-LQG);
- Underground Storage Tank (UST);
- Claims Against the State Trust Funds (NC LUST Trust); and

- State Hazardous Waste Sites (SHWS).

3.2.7 Royster-Clark Agribusiness, Inc.

Royster-Clark Agribusiness (f.k.a. International Minerals and Chemicals Corporation [IMC]) is located approximately 350 feet northwest of the former VCC-2 site at 3105 Glenn Avenue, and is listed in the following databases:

- Hazardous Substance Disposal Sites (HSDS);
- RCRA-SQG;
- FINDS;
- IMD;
- SHWS;
- Toxic Chemical Release Inventory System (TRIS); and
- CERCLIS-NFRAP.

3.2.8 3001 North Liberty Street

EDR identifies the property at 3001 North Liberty Street variously as Trader Publishing Winston Plant, Dixie Concrete Plant, and DAVCO Corp. This address, which is located approximately 500 feet northeast of the site, is listed in the following databases:

- RCRA – Small Quantity Generator (RCRA-SQG);
- FINDS;
- LUST Trust;
- IMD;
- UST; and
- LUST.

4. Information from Site Reconnaissance

4.1 Methodology and Limiting Conditions

A site visit was conducted on October 24, 2005 by Mr. Stephen Barrick and Mr. Matthew Fleahman, P.G. of BBL. Due to the absence of property access agreements, BBL did not perform a detailed site inspection or property owner interviews. Weather conditions on the day of the site visit were sunny with temperatures between 75 and 85 degrees Fahrenheit. BBL attempted to make two general types of observations during the site visit:

- Observations regarding site setting and current land uses in the vicinity of the site; and
- On-site environmental observations.

Observations regarding site setting and current land use have been incorporated throughout the body of this report, particularly in Sections 2.2, 2.3, 2.4, 2.6 and 2.7. Photographs taken in the vicinity of the site are included in Appendix F.

With respect to on-site environmental observations, BBL specifically looked for the following:

- chemicals and petroleum products that are likely to be used in connection with the observed current use of the site;
- chemical and petroleum product containers;
- unidentified substance containers;
- aboveground and underground storage tanks;
- drums;
- stained/disturbed soil or pavement;
- stressed vegetation;
- strong, pungent, or noxious odors;
- indications of solid waste disposal (i.e. waste piles, non-native fill, etc.);
- wastewater;
- on-lot sewage disposal systems;
- groundwater monitoring wells;
- pits, ponds and lagoons; and
- equipment potentially containing polychlorinated biphenyls (PCBs); and
- possible pyrite slag.

BBL found no public roads or other public rights-of-way providing access to the property, so it was not possible to make on-site environmental observations by means of a site walk-through. Reasonable attempts were made to safely observe the site from various line-of-sight locations along Liberty Street, Indiana Avenue, and US 52 / SR 8, but the vantage points afforded by these locations were poor. BBL did not observe any of the above-listed items, but given the limitations described, direct observation is not considered to be a reliable means of making on-site environmental observations for this site. The lack of detailed on-site observations is balanced by an abundance of documents and records, from which observations can be made regarding the environmental condition of the site and surrounding areas. These documents and records have been reviewed and summarized throughout this Property Report, and are summarized Section 5 (Findings) with respect to known and possible environmental conditions both on-site and in the general vicinity.

5. Findings

BBL performed a review of information for the former site of a VCC-2 phosphate fertilizer plant located in Winston-Salem, Forsyth County, North Carolina. The following sections provide a summary of BBL's findings.

5.1 Site Location, Boundaries, Ownership, and Use

The site is located in an old industrial area northeast of downtown Winston-Salem, along North Liberty Street near the intersection/divergence of two branches of the Norfolk Southern Railroad (Figure 1). As defined for the purpose of this report, the site consists of approximately 7.7 acres of land located within the fence line of the former fertilizer plant (Figures 2 and 3). The site is located on industrial properties currently owned by Waste Management of Carolinas and Atlantic Scrap and Processing, LLC. Most of the site is currently vacant and unused; however, Waste Management operates a rolling stock storage yard on its property in the vicinity of the site, and Atlantic Scrap operates a scrap yard and processing facility to the north of the site. The site is bisected by US 52 / State Route 8. The address of the Waste Management property, which contains the largest portion of the former VCC-2 site (4.6 acres), is 3301 Glenn Avenue.

5.2 Site History

Southern Chemical Company constructed a fertilizer plant on the site between 1895 and 1900. VCC-1 acquired the plant in 1902, and VCC-2 acquired the plant and associated property in 1926 following the completion of VCC-1's bankruptcy and reorganization proceedings. Based on the available COT information, it is estimated that VCC-2 formerly owned approximately 180 acres of land in Forsyth County, North Carolina. The only portion of this property whose location could be mapped with a degree of certainty was a tract known as the First lot of the Original Place, which contained the former VCC-2 plant site. The fence line of the former plant site follows the boundary of the First lot of the Original Place. In 1927, VCC-2 sold its Winston-Salem land and plant site to Richard J. Reynolds (RJR). RJR allowed VCC-2 to continue operating the plant until December 1, 1927. In addition, RJR allowed VCC-2 to remove and/or salvage any plant buildings and equipment until April 4, 1928. VCC-2 possibly maintained an interest in the property as mortgage holder until 1931. Historical documents indicate that the site was a complete fertilizer plant with acid production facilities throughout its entire operational history, from the late 1800s through the end of 1927. In addition to the typical features of an early 20th Century phosphate fertilizer plant, the site included a tobacco stem warehouse with grinding and drying facilities.

Following sale of the plant site to RJR, historical maps and aerial photographs depict it as being mostly vacant, except for US 52 / SR 8, which was constructed in the 1960s or 1970s. A variety of companies owned property containing the former VCC-2 site after 1931. These included Wachovia Bank and Trust Company, Brenner Iron and Metal Company, Brenner Companies, Recycling Industries of Winston-Salem, Inc., Atlantic Scrap (current owner), and Waste Management of Carolinas (current owner).

5.3 On-Site Environmental Observations

Following is a summary of observations that may be relevant to the environmental condition of the site:

- Structures associated with historical phosphate fertilizer manufacturing operations were present on the site from the late 1800s through 1927 or 1928, including acid chambers, pyrite burners, a nitre house, a mixing room (a.k.a. dump pits), a transformer house, and various other structures and features.

- Disturbed, barren ground is visible in the 1950 aerial photograph in the northern portion of the former plant site; this area had re-vegetated by 1977, but again contained disturbed and barren ground as viewed in the 1982 and 1993 aerial photographs.

- There are several environmental records associated with the Waste Management site, which contains a portion of the former VCC-2 site. The Waste Management site is listed in NCDENR's Incident Management Database, Leaking Underground Storage Tank database, and Petroleum Underground Storage Tank database.

- In 2004, Waste Management of Carolinas filed a Notice of Residual Petroleum (NRP) for its 18.586-acre property (PIN #6836-58-0260) in connection with a release of petroleum from an underground storage tank (UST); the NRP restricts land use within the property to commercial/industrial only and prohibits the use of groundwater.

- Atlantic Scrap, which also owns a portion of the site, has recently responded to a Notice of Violation (NOV) issued by NCDENR for elevated concentrations of chloride, manganese, sulfate, zinc, lead, and cadmium detected in spring water samples collected from their property. The two springs cited in the NOV discharge to Bowen Brach of Brushy Fork Creek, which is located approximately 700 feet north of the site (Figured 1 and 2).

- As viewed on a 2002 aerial photograph (Figure 2), the Atlantic Scrap property is currently occupied by a variety of industrial buildings and a large scrap yard.

- The corporate charter for Brenner Companies, which previously owned and occupied the Atlantic Scrap site (as well as the Waste Management site), indicates that the purpose of the Corporation was, among other functions, "to manufacture, process, fabricate, treat, utilize, buy, sell, distribute, traffic in, import, export, own and use iron, steel, manganese, copper, aluminum, zinc, lead, and metals of every kind and description, stone, ores, coal, coke, wood, lumber, wool, cotton, linen, silk, rayon, nylon, paper, glass, and other materials and any of the products thereof, and any articles consisting or partly consisting thereof" (Appendix D; deed book 1245, page 0561).

5.4 Environmental Observations Associated with Adjacent Properties

Environmental impacts have been documented on almost every property adjacent-to and surrounding the former VCC-2 plant site. In summary, these sites/properties include the following:

- Waste Management (northwest) (property use #13 and tax parcel A on Figure 2);
- Atlantic Scrap (north) (property use #14 and tax parcel B on Figure 2);
- Norfolk Southern (northeast and east) (property uses #20 and #23 and tax parcel C on Figure 2);
- NCDOT Site No. 54 (southwest) (property uses #3 and #11 and tax parcel D on Figure 2);
- Kaba-Ilco (west) (property use #1 and tax parcel E on Figure 2);
- Rosyster-Clark (northwest) (tax parcel #16 and property use F on Figure 2); and
- 3001 North Liberty Street (northeast) (property use #25 on Figure 2).

More detailed information about these adjacent properties/sites is provided in Sections 1.3, 2.5, and 3 of this Property Report.

5.5 Potential Receptors

Below is a summary of information regarding potential receptors in the vicinity of the site:

- Almost all of the land within 500 feet of the site can be characterized as commercial, industrial, vacant/abandoned industrial, or transportation.

- Property occupied by the Hanes Lowrence Middle School is located just over 400 feet southwest of the site. While the northeastern boundary of the school property is within 500 feet of the site, the main school building lies well over 500 feet from the site.

- Only one surface water body, wetland, or significant ecological resource was identified within 1,000 feet of the site. The Bowen Branch of Brushy Fork Creek is located approximately 700 feet north of the former VCC-2 plant site on the Atlantic Scrap property (Figures 1 and 2; EDR, 2005).

- No private water wells have been identified in the vicinity of the site; the area has been part of the city of Winston-Salem for over 40 years, and has been connected to city water for decades (Bunn, 2006).

- The city of Winston-Salem receives its water from Salem Lake and the Yadkin River, which are located approximately 3.2 miles and 12 miles from the site, respectively; the area in and around the site is served by the municipal water supply (Davidson, 2006).

- The properties containing the site are connected to the Winston-Salem sanitary sewer system (McAffy, 2006). Storm water sewers are located in and around the site and drain to Brushy Fork Creek (Fogarty, 2006).

- According to NCDENR (1999), there are no potential pathways of exposure to possible site-related impacts. No public water supply wells were identified within one mile of the site, and all residents within one mile of the site were reportedly being served by public water. No surface water bodies were identified in the immediate vicinity of the site, no public fisheries were identified within eight miles of the site, and no drinking water intakes were identified within 15 miles downstream of the site. The nearest wetland was reported to be located 2.3 miles downstream of the site.

- Soil and groundwater assessment work completed by Atlantic Scrap just north of the former VCC-2 site suggests that the water table depth varies between 4 and 10 feet bgs and shallow groundwater flows horizontally to the east (Earth Tech, 2005).

- A portion of the former VCC-2 site (4.6 acres owned by Waste Management of Carolinas) is subject to perpetual land use restrictions filed in connection with a release of petroleum from a UST on the 18.5-acre Waste Management property; land use on this property is restricted to commercial/industrial only, and the use of groundwater for water supply is prohibited.

6. Limitations and Exceptions

Due to the absence of property access agreements, BBL did not perform a detailed site inspection or conduct interviews with persons possessing specialized knowledge about the environmental condition of the former property (past/present property owners, regulators, local officials, etc.). To ascertain the current use and condition of the former property, BBL observed the exterior of the property to the extent possible from publicly accessible areas such as roads and other public ROWs. The site reconnaissance did not include interior inspection of structures or a thorough property walk-through.

The services performed and any opinions expressed in this report are based upon the limitations of the investigation as described. BBL has relied upon the accuracy of documents, oral information, and other material and information provided by ExxonMobil and others. Similarly, past and present activities on the former property indicating the potential presence of environmental concerns may not have been discovered by BBL's inquiries. BBL can offer no assurances and assumes no responsibility for site conditions or site activities that are outside the SOW as described in this report.

The following special terms and conditions apply to this report:

- Information, observations, and conclusions provided in this report regarding current property use are based on the conditions and practices observed at the time of the site visit. Past conditions are considered only on the basis of the documents referenced in this report.
- No sampling activities were conducted as part of this review.
- Conclusions are based on information provided to or reasonably available to BBL.
- BBL does not warrant or guarantee the former property(s) suitable for any particular purpose, or certify the property as clean.
- This report has been prepared for the exclusive use of ExxonMobil.
- BBL does not:
    - Guarantee or certify the facility to be in compliance with federal, state or local regulations;
    - Purport to identify all hazards or unsafe practices; nor,
    - Suggest that other hazards or unsafe practices do not exist.

7. References

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Tables

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Table 1
Current Property Owners
Former VCC-2 Plant Site and Selected Adjacent Parcels, Winston-Salem, Forsyth County, North Carolina

Figure 2 ID Letter	Tax Parcel ID #	Property Owner	Physical Address	Mailing Address	Area (Acre)	Area of Parcel Formerly Occupied by the VCC-2 Plant Site (Acre)	Land Value ($)	Building Value ($)	Misc. Improved Value ($)	Total Value ($)
Parcels that Encompass Portions of the Former VCC-2 Plant Site										
A	6836-58-0260	Waste Management of Carolinas	3301 Glenn Ave N	PO Box 1450, Chicago, IL 60690	18.5	4.6	1	1	NA	1
B	6836-49-7898	Atlantic Scrap & Processing LLC	3411 Glenn Ave N	PO Box 608, 1300 Salisbury Rd., Kernersville, NC 27285	28.1	0.86	1,391,840	1,193,356	86,909	2,672,105
NA	NA	Highway 52 ROW	NA	NA	2.24	2.24	NA	NA	NA	NA
Selected Adjacent Parcels										
C	6836-58-5712	Norfolk & Western Railroad (now Norfolk and Southern Railroad by merger)	Liberty St. N	546 the Main Bldg., Houston, TX	8.81	NA	571,962	10,925	1,313	584,200
D	6836-57-1136	Neal and Deshanna Wilson (dba N&D Entertainment)	2805 Indiana Ave.	5912 Coalson Ln., Walkertown, NC 27051	3.4	NA	97,725	2,730	688	101,143
E	6836-47-9541	KABA Ilco Corp.	2941 Indiana Ave.	2941 Indiana Ave., Winston-Salem, NC 27105	11	NA	475,402	1,090,319	33,257	1,598,978

Table 1
Current Property Owners
Former VCC-2 Plant Site and Selected Adjacent Parcels, Winston-Salem, Forsyth County, North Carolina

Figure 2 ID Letter	Tax Parcel ID #	Property Owner	Physical Address	Mailing Address	Area (Acre)	Area of Parcel Formerly Occupied by the VCC-2 Plant Site (Acre)	Land Value ($)	Building Value ($)	Misc. Improved Value ($)	Total Value ($)
F	6836-48-3621	Royster-Clark Agribusiness Inc.	3105 Glenn Ave. N	6 Executive Dr., Collinsville, IL 62234	10.68	NA	600,571	833,131	39,685	1,473,387
G	6836-58-9355	Virginia Holding Corp.	3008 Liberty St. N	8 Jefferson St., Roanoke, VA 24042	0.93	NA	120,648	NA	2,208	122,856

Notes:
NA - Not Applicable

Table 2
Title Chain Leading Up to and Including Acquisition of Property by VCC-2
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

Referenced Area	Date	Approximate Acreage	Grantor	Grantee	Instrument Type	Book / Page	Notes
Original Place	2/10/1902	<14 (acquisition)	Southern Chemical Company	VCC-1	Deed	0065 / 0499	Four separate lots described in deed; the First lot is the probable plant site location; excludes a ROW granted to the the Roanoke and Southern Railway (now Norfolk Southern) and also that portion lying east of the said ROW previously granted to Cicero Tise. The remaining three lots could not be readily located due to limitations in the metes and bounds descriptions provided; the total area of these lots is believed to be less than 2 of the approximately 14 total acres.
	11/28/1916	Easement	VCC-1	Southern Power Company	Easement	0145 / 0171	To construct and mainain a line for the purpose of transmitting power by electricity. Assumed to apply to the Original Place, but may also include other tracts owned by VCC-1.
	7/10/1917	Easement	VCC-1	Southern Bell Telephone and Telegraph Company	Easement	0153 / 0017	To construct, operate, and maintain telephone and telegraph lines. Assumed to apply to the Original Place, but may also include other tracts owned by VCC-1.
	12/10/1923	≈ 1.33 (sale)	VCC-1	Norfolk & Western Railway Company	Deed	0225 / 0054	The property transferred is a 2.0-acre parcel located west of the former VCC-2 plant site between the Norfolk & Western main line ROW and Liberty Street. Approximately 2/3 of this parcel came out of VCC-1's Original Place and the remaining 1/3 likely came out of VCC-1's Wilson Tract.
	5/18/1926	≈ 10.5 - 12.5 (transfer)	VCC-1	VCC-2	Indenture	0264 / 0151	This is the portion of the property containing the VCC-1 / VCC-2 plant site as acquired from Southern Chemical Company. Research has focused primarily on the former plant site, which is believed to lie within a 12.76 (+/-)-acre portion of the Original Place acquired by VCC-2 on 5/18/1926.
	6/17/1927	<1 (retain)	William R. Flynn and wife, Effie Flynn	VCC-2	Quitclaim	0264 / 0151	This is the Second lot described in the 1902 deed.

Table 2
Title Chain Leading Up to and Including Acquisition of Property by VCC-2
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

Referenced Area	Date	Approximate Acreage	Grantor	Grantee	Instrument Type	Book / Page	Notes
Standifer Place	5/7/1902	36 (acquisition)	James. G. Standifer	VCC-1	Deed	0065 / 0334	This tract likely adjoins the Original Place to the north and west.
	11/22/1910	3.34 (sale)	VCC-1	Carolina Ore Company	Deed	0100 / 0414	As referenced in the 1926 indenture from VCC-1 to VCC-2. This property is located adjacent to the north of the VCC-2 fertilizer plant. Includes two rail spur ROWs formerly used by Carolina Ore.
	1926	32.66 (transfer)	VCC-1	VCC-2	Indenture	0264 / 0151	This is the same property acquired from Standifer in 1902, except for the 3.34-acre portion sold to Carolina Ore in 1910.
Wilson Tract	2/12/1902	166 (acquisition)	Wachovia Loan and Trust Company	VCC-1	Deed	0065 / 0504	East side of Germantown Road bordering on property of North Winston Development Co., James G. Standifer, and others.
	6/8/1908	28.53 (sale)	VCC-1	Piedmont Park Company	Deed	0089 / 0477	As referenced in the 1926 indenture from VCC-1 to VCC-2. This is interpreted by BBL to be the location of Piedmont Park (a.k.a. Winston-Salem and Forsyth County Fair Grounds) as depicted on Sanborn maps dated 1912, 1917 - 1928, and 1917 - 1950. SCV could not provide an original copy of this deed.
	12/10/1923	≈ 0.67 (sale)	VCC-1	Norfolk & Western Railway Company	Deed	0225 / 0054	The property transferred is a 2.0-acre parcel located west of the former VCC-2 plant site between the Norfolk & Western main line ROW and Liberty Street. Approximately 2/3 of this parcel came out of VCC-1's Original Place and the remaining 1/3 likely came out of VCC-1's Wilson Tract.
	5/18/1926	≈ 136.80 (transfer)	VCC-1	VCC-2	Indenture	0264 / 0151	This is the same property acquired from Wachovia in 1902, except for the 28.53-acre portion sold to Piedmont Park in 1908.

Table 2
Title Chain Leading Up to and Including Acquisition of Property by VCC-2
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

Referenced Area	Date	Approximate Acreage	Grantor	Grantee	Instrument Type	Book / Page	Notes
Piedmont Park	6/15/1908	unknown	Piedmont Park Company	VCC-1	Deed	0089 / 0488	Deed is nearly illegible - two of the referenced boundaries are Depot Avenue (now Patterson Avenue?) and Old Town Road (now Indiana ?), which would possibly place this property southwest of the plant site. This property is not mentioned in the 1926 indenture from VCC-1 to VCC-2 and was likely sold prior to VCC-1 bankruptcy.
Brown Tract	9/13/1921	unknown (acquisition)	W.T. Brown and Rebecca L. Brown	VCC-1	Deed	0075 / 0362 & 0034 / 0271	Reference to the deeds in this section were provided in the deed from VCC-1 to VCC-2, but SCV could not provide a copy of the original.
	9/13/1921	0.26 (sale)	VCC-1	W.T. Brown and R.L. Brown	Deed	unknown	Possibly located along Fairchild St. (fka Norwood) between Liberty St. and the Norfolk Southern rail yard.
	12/30/1919	2.27 (sale)	VCC-1	W.T. Brown	Deed	unknown	Possibly located north of Fairchild St. (fka Norwood) between Liberty St. and the Norfolk Southern rail yard.
	5/18/1926	unknown (transfer)	VCC-1	VCC-2	Indenture	0264 / 0151	This is the same property acquired from the Browns in 1921, except for the two parcels (2.52-acres total) sold to the Browns. The portion of this tract transferred to VCC-2 is likely very small relative to the other tracts acquired by VCC-2.

Notes:

1. The information presented in this table was derived primarily from two sources as follows: a) an attempt by Southern Courthouse Ventures during their title research to locate and provide all instruments for property in Forsyth County acquired by VCC-1 or VCC-2; and b) acquisition and sale information as referenced in the 1926 indenture whereby VCC-2 acquired assets from VCC-1 (Book 0264 / Page 0151).

SCV = Southern Courthouse Ventures.
VCC-1 = Virginia Carolina Chemical Company.
VCC-2 = Virginia Carolina Chemical Corporation.

Table 3
Title Chain for Sale of Property by VCC-2 to Richard J. Reynolds
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

Date	Approximate Area (Acres)	Grantor	Grantee	Instrument Type	Deed Book / Page	Notes
06/29/1927	179.71	VCC-2	Richard J. Reynolds	Deed	0279 / 0122	Three tracts of land are referenced in this deed. Tract Two is believed to contain the former VCC-2 plant site. Tract One appears to correspond with the old Wilson Tract, although acreages do not match exactly. Tract Three appears to correspond with the old Standifer Tract, although acreages do not match exactly. This conveyance appears to include the bulk of the property acquired by VCC-2 from VCC-1, possibly excepting some land in the vicinity of the current Norfolk Southern rail yard and along the western side of Liberty Street.
07/01/1927	NA	Richard J. Reynolds	VCC-2	Deed	0279 / 123	RJR conveys to VCC-2 "all of the buildings, stocks, machinery, implements and equipment in any way connected with . . . the manufacturing plant of the Virginia Carolina Chemical Corporation." Further, RJR grants VCC-2 rights as the "manufacturing tenant" of the property to operate its plants until 12/1/1927, and to remove any of the aforementioned buildings etc. before 4/1/1928, on which date all interest of VCC-2 in any remaining buildings, etc. will terminate.
03/04/1931	33.03	Southern Land Sales Corporation	Richard J. Reynolds	Quitclaim	0335 / 0185	By this deed "Southern Land Sales Coporation, Trustee, and the said Virginia Carolina Chemical Corporation . . . remise, release, and forever quitclaimed unto Richard J. Reynolds . . . all such right, title, interest, and estate" in two tracts of land. The First Tract is believed to be the former VCC-2 plant site and the Second Tract appears to be the Standifer Tract. Reported acreages of these tracts are slightly less than those described in the 1927 deed from VCC-2 to RJR. The quitclaim deed suggests that VCC-2 continued to hold the mortgage to the referenced property following sale to RJR and that the property was held in trust by Southern Land Sales Corporation until 3/4/1931 (the date of the quitclaim).

Table 3
Title Chain for Sale of Property by VCC-2 to Richard J. Reynolds
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

Date	Approximate Area (Acres)	Grantor	Grantee	Instrument Type	Deed Book / Page	Notes
04/30/1931	179.71	Southern Land Sales Corporation	Richard J. Reynolds	Quitclaim and Release	0337 / 0155	By this deed "Southern Land Sales Coporation, Trustee, and the said Virginia Carolina Chemical Corporation . . . remise, release, and forever quitclaimed unto Richard J. Reynolds . . . all such right, title, interest, and estate" in three tracts of land totaling 179.71acres but excepting three small parcels totaling 3.7+ acres. The 179.71-acres include all of the land sold to RJR by VCC-2 in 1927. The excepted parcels appear to be located in the vicinity of Fairchild Road (f.k.a. Norwood Street) between Liberty Street and the Norfolk Southern rail yard. This quitclaim deed is similar in nature to the one previously executed and may possibly constitute a correction of the previous quitclaim (although this is not expressly stated in the deed).

Notes:

1. The information presented in this table was derived from title research completed by Southern Courthouse Ventures in November 2005.
2. Research has focused primarly on the former VCC-2 plant site, which is believe to lie within the less than 12. 76 (+/-) -acre portion of the Original Place acquired by VCC-2 on 5/18/1926.

SCV = Southern Courthouse Ventures.
VCC-1 = Virginia Carolina Chemical Company.
VCC-2 = Virginia Carolina Chemical Corporation.

Table 4
Title Chain For Former VCC-2 Plant Site Forward to Current Owners
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

Date	Approximate Acreage	Grantor	Grantee	Instrument Type	Book / Page	Notes
2/10/1902	<14	Southern Chemical Company	VCC-1	Deed	0065 / 0499	Four separate lots described in deed; the First lot is the probable VCC-1 / VCC-2 plant site location; excludes a ROW granted to the the Roanoke and Southern Railway (now Norfolk Southern) and also a parcel lying east of the said ROW previously granted to Cicero Tise. The remaining three lots could not be readily located given the limited metes and bounds descriptions provided; the total area of these lots is believed to be less than 2 acres of the approximately 14 total acres.
11/28/1916	Easement	VCC-1	Southern Power Company	Easement	0145 / 0171	To construct and mainain a line for the purpose of transmitting power by electricity. Assumed to apply to the Original Place, but may also include other tracts owned by VCC-1.
7/10/1917	Easement	VCC-1	Southern Bell Telephone and Telegraph Co.	Easement	0153 / 0017	To construct, operate, and maintain telephone and telegraph lines. Assumed to apply to the Original Place, but may also include other tracts owned by VCC-1.
5/18/1926	≈ 10.5 - 12.5	VCC-1	VCC-2	Indenture	0264 / 0151	This is the portion of the property containing the VCC-1 / VCC-2 plant site as acquired from Southern Chemical Company. This transaction excludes approximately 1.33 acres of land sold to Norfolk and Western Railway Company in 1926.

Table 4
Title Chain For Former VCC-2 Plant Site Forward to Current Owners
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

Date	Approximate Acreage	Grantor	Grantee	Instrument Type	Book / Page	Notes
06/29/1927	179.71	VCC-2	Richard J. Reynolds	Deed	0279 / 0122	Three tracts of land are referenced in this deed. Tract Two is believed to contain the former VCC-2 plant site. Tract One appears to correspond with the old Wilson Tract, although acreages do not match exactly. Tract Three appears to correspond with the old Standifer Tract, although acreages do not match exactly. This conveyance appears to include the bulk of the property acquired by VCC-2 from VCC-1, possibly excepting some land in the vicinity of the current Norfolk Southern rail yard and along the western side of Liberty Street.
07/01/1927	NA	Richard J. Reynolds	VCC-2	Deed	0279 / 0123	RJ Reynolds (RJR) conveys to VCC-2 "all of the buildings, stocks, machinery, implements and equipment in any way connected with . . . the manufacturing plant of the Virginia Carolina Chemical Corporation." Further, RJR grants VCC-2 rights as the "manufacturing tenant" of the property to operate its plants until 12/1/1927, and to remove any of the aforementioned buildings etc. before 4/1/1928, on which date all interest of VCC-2 in any remaining buildings, etc. will terminate.

Table 4
Title Chain For Former VCC-2 Plant Site Forward to Current Owners
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

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Table 4
Title Chain For Former VCC-2 Plant Site Forward to Current Owners
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

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04/30/1931	179.71	Southern Land Sales Corporation	Richard J. Reynolds	Quitclaim and Release	0337 / 0155	By this deed "Southern Land Sales Coporation, Trustee, and the said Virginia Carolina Chemical Corporation . . . remise, release, and forever quitclaimed unto Richard J. Reynolds . . . all such right, title, interest, and estate" in three tracts of land totaling 179.71acres but excepting three small parcels totaling 3.7+ acres. The 179.71-acres include all of the land sold to RJR by VCC-2 in 1927. The excepted parcels appear to be located in the vicinity of Fairchild Road (f.k.a. Norwood Street) between Liberty Street and the Norfolk Southern rail yard. This quitclaim deed is similar in nature to the one previously executed and may possibly constitute a correction of the previous quitclaim (although this is not expressly stated in the deed).
12/23/1954	≈ 35	Richard J. Reynolds	Wachovia Bank and Trust Company, Trustee for the Winston-Salem Foundation	Deed	0699 / 0373	This transaction is believed to include the former VCC-2 plant site.
3/29/1956	≈ 35	Wachovia Bank and Trust Company, Trustee for the Winston-Salem Foundation	Morris Brenner and Abe Brenner	Deed	0724 / 0360	This transaction is believed to include the former VCC-2 plant site.
8/14/1956	NA	Brenner Iron and Metal Company	Duke Power Company	Easement	0732 / 0111	Easement to construct, maintain, and operate a line for transmitting power by electricity.

Table 4
Title Chain For Former VCC-2 Plant Site Forward to Current Owners
Former VCC-2 Property, Winston-Salem, Forsyth County, North Carolina

Date	Approximate Acreage	Grantor	Grantee	Instrument Type	Book / Page	Notes
Land Sold to Recylcing Industries of Winston-Salem, Inc.						
11/24/1997	unspecified	Brenner Companies [3]	Recylcing Industries of Winston-Salem, Inc.	Deed	1976 / 1925	This transaction appears to include the portion of the former VCC-2 plant site lying to the northeast of US 52 / SR 8 - acreage is unspecified.
6/19/2001	unspecified (28.1 acres per tax records)	Patrick D. Cavanaugh as the Assignee for the Benefit of the Creditors of Recylcing Industries of Winston-Salem, Inc.	Atlantic Scrap & Processing, LLC	Quitclaim Deed	2183 / 0802	This transaction appears to include the same property previously acquired by Recylcing Industries of Winston-Salem, Inc. as specified in Book 1976 / Page 1925 (and therefore includes the portion of the former VCC-2 plant site lying to the northeast of US 52 / SR 8). Atlantic Scrap and Processing, LLC is the current owner of this property, identified in Forsyth County tax records as PIN #6836-49-7898.

Notes:
1. The information presented in this table was derived primarily from title research completed by SCV in November 2005; the title chain as presented herein was assembled by BBL from the package of instruments provided by SCV.
2. Starting with acquisition by Brenner Iron and Metal Company, property titles include leases to various outdoor advertising companies for billboards.
3. Brenner Companies is the corporate successor to Brenner Iron and Metal Company.

SCV = Southern Courthouse Ventures.
VCC-1 = Virginia Carolina Chemical Company.
VCC-2 = Virginia Carolina Chemical Corporation.
NA = Not Applicable

Figures

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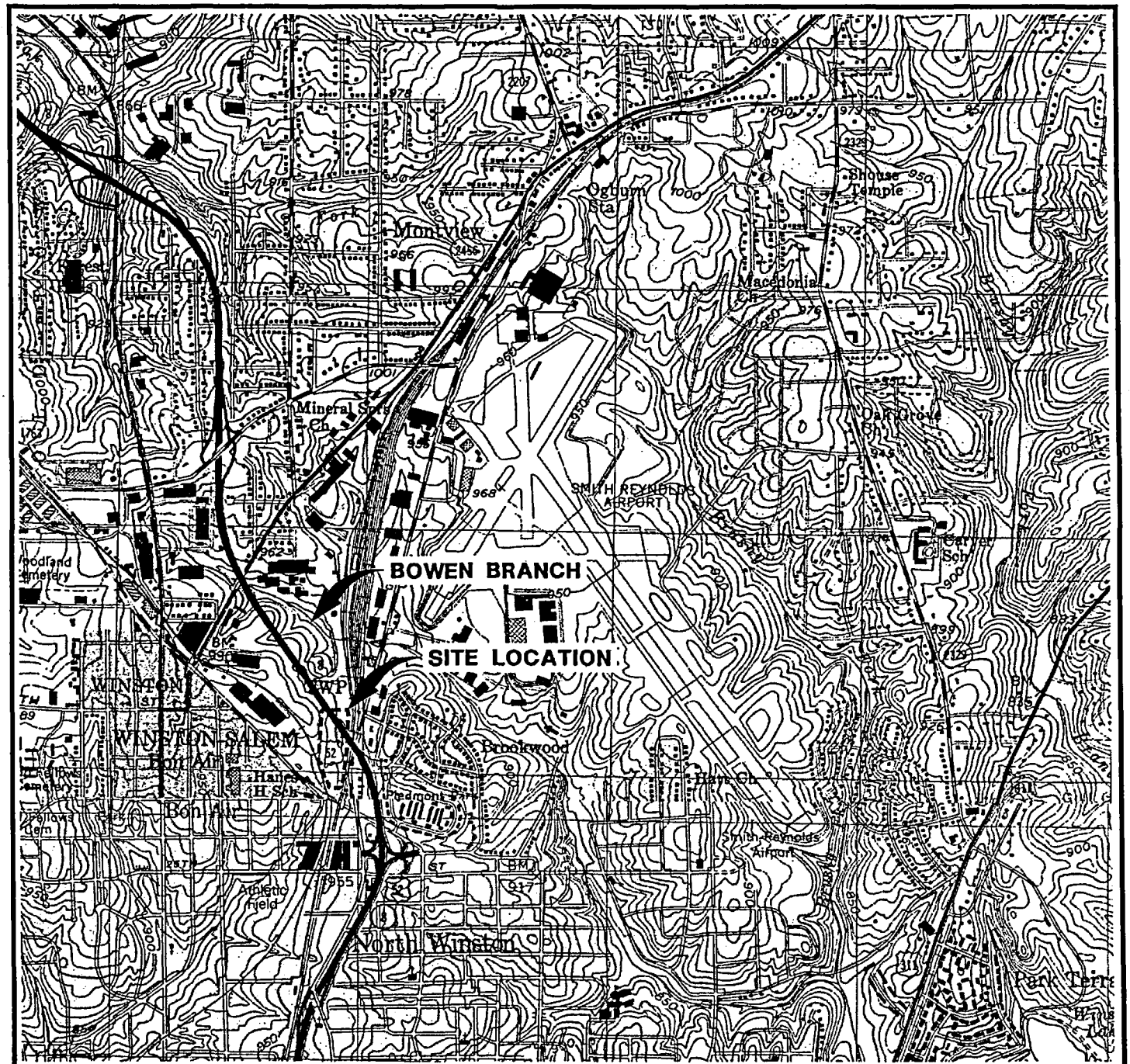
engineers, scientists, economists



REFERENCE: USGS 7.5 MIN. QUAD., WALKERTOWN/WINSTON-SALEM EAST, N.C., 1951 PHOTOREVISED 1997

LEGEND:

- - - - - APPROXIMATE LOCATION OF FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)

AREA LOCATION

NOTE:

1. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

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03/03/06 CAR-85-LEE
85567001\85567811.DWG

0 2000' 4000'

APPROXIMATE GRAPHIC SCALE

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

SITE LOCATION MAP

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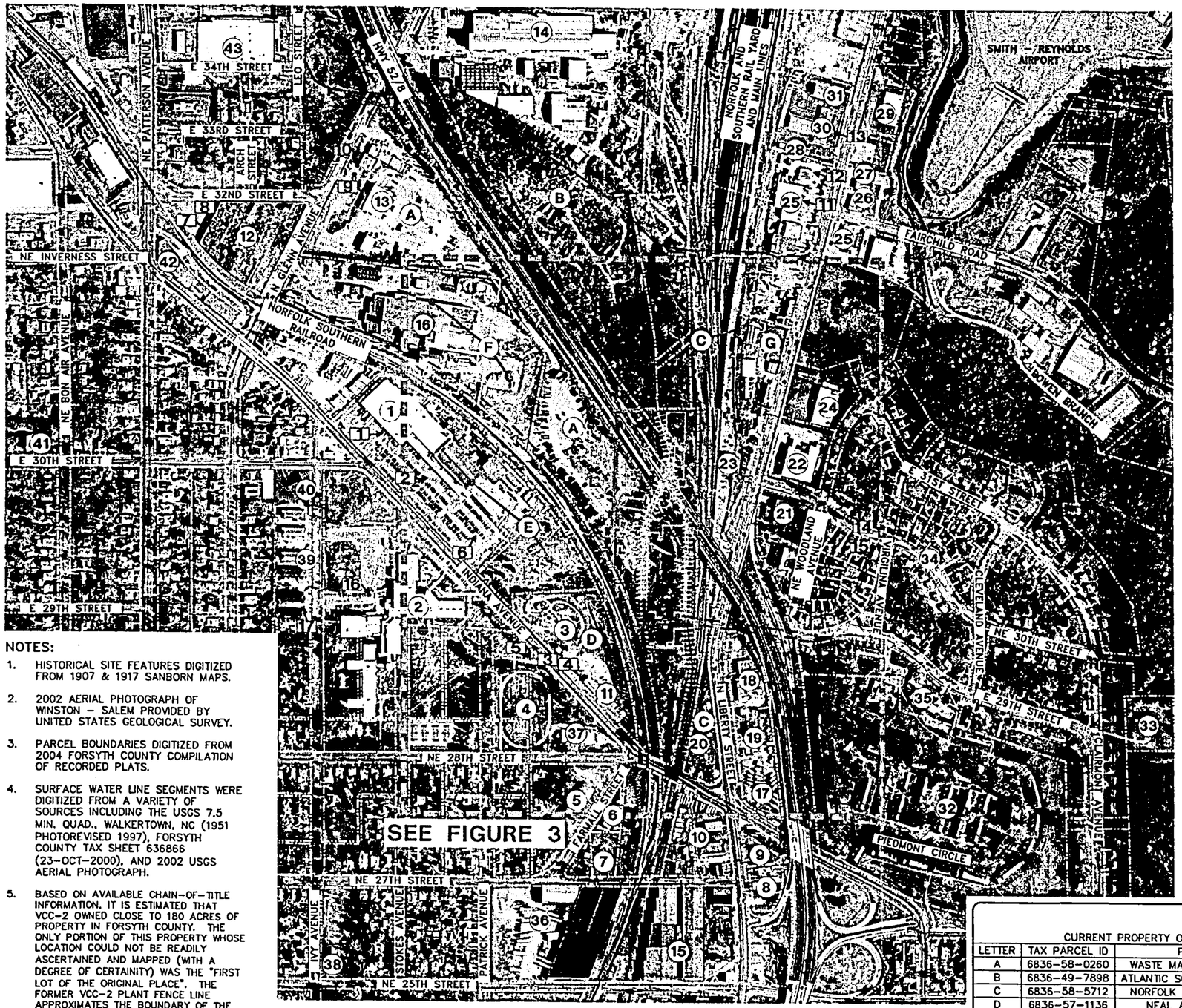
engineers, scientists, economists

FIGURE
1



NOTES:

1. HISTORICAL SITE FEATURES DIGITIZED FROM 1907 & 1917 SANBORN MAPS.
2. 2002 AERIAL PHOTOGRAPH OF WINSTON – SALEM PROVIDED BY UNITED STATES GEOLOGICAL SURVEY.
3. PARCEL BOUNDARIES DIGITIZED FROM 2004 FORSYTH COUNTY COMPILATION OF RECORDED PLATS.
4. SURFACE WATER LINE SEGMENTS WERE DIGITIZED FROM A VARIETY OF SOURCES INCLUDING THE USGS 7.5 MIN. QUAD., WALKERTOWN, NC (1951 PHOTOREVISED 1997), FORSYTH COUNTY TAX SHEET 636866 (23-OCT-2000), AND 2002 USGS AERIAL PHOTOGRAPH.
5. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.
6. ALL LOCATIONS ARE APPROXIMATE.

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L: ON=*, OFF=REF
P: PAGESET/PLT-BL1
03/03/06 CAR-BS-LEE
85567001\85567B01.DWG

FORMER STREET NAMES:

NE PATTERSON AVE. (FKA DEPOT ST.)
NORFOLK SOUTHERN RAILROAD (FKA SOUTHERN RR AND ROANOKE SOUTHERN RR)
INDIANA AVE. (FKA INVERNESS AVE.)
FARMALL ST. (FKA OGBURN ST.)
LIBERTY ST. (FKA WALKERTOWN RD.)
FAIRCHILD RD. (FKA NORWOOD ST.)
NORFOLK AND SOUTHERN RAIL YARD AND MAIN LINES (FKA NORFOLK AND WESTERN RAILWAY CO.)

LEGEND:

- APPROXIMATE LOCATION OF THE FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)
- APPROXIMATE LOCATION OF FORMER FERTILIZER PLANT FEATURES (1907)
- APPROXIMATE LOCATION OF FORMER FERTILIZER PLANT FEATURES (1917 ADDITIONS)
- APPROXIMATE LOCATION OF FORMER RAILROAD SIDINGS (1907 & 1917 PLANT FEATURES)
- APPROXIMATE LOCATION OF SURFACE WATER FEATURES
- CURRENT TAX PARCEL BOUNDARIES
- [5]→ LOCATION AND DIRECTION OF SITE INSPECTION PHOTOGRAPH; SEE APPENDIX B
- 30' POWER TRANSMISSION RIGHT-OF-WAY

CURRENT PROPERTY USAGE KEY: (#)

1. KABA ILCO FACTORY
2. HANE LOWRENCE MIDDLE SCHOOL
3. VACANT, FENCED PROPERTY WITH AT LEAST 12 MW'S AND SCATTERED 55-GALLON STEEL DRUMS (NO SIGNAGE, POSSIBLY 2805 INDIANA AVE)
4. RECREATION FIELD/TRACK (PART OF SCHOOL)
5. MATRIX (NIGHT CLUB)
6. NEW GENERATION HAIR/NAIL SHOP
7. ELECTRICAL SUBSTATION
8. CITGO (GAS STATION WITH USTS)
9. B & B PROFESSIONAL CARWASH
10. CW MYERS TRADING POST (POSSIBLE AUTO SALES)
11. UNIDENTIFIED INDUSTRIAL FACILITY (NO SIGNAGE OR INDICATION OF PROPERTY USE)
12. STORAGE WAREHOUSE (POSSIBLY FOR SALE, 116,000 SQ. FT., 722-1986)
13. WASTE MANAGEMENT (MULTIPLE BUILDINGS; OFFICE BUILDINGS ALONG STREET; POSSIBLE STORAGE/MAINTENANCE BUILDINGS).
14. ATLANTIC SCRAP & PROCESSING (LARGE FACILITY; NOT MUCH WAS VISIBLE FROM STREET; POSSIBLE COMMERCIAL BUILDING IN FRONT AVAILABLE FOR RENT).
15. UNIDENTIFIED INDUSTRIAL FACILITY (NO SIGNAGE OR INDICATION OF PROPERTY USE)
16. RAINBOW ROYSTER CLARK (LARGE INDUSTRIAL-TYPE FACILITY; COULD NOT GET CLOSE ENOUGH TO PROVIDE LAND USE INFORMATION)
17. DICK KELLY TRUCK SALES
18. LIBERTY BUTCHER SHOP
19. LIBERTY STREET SPORTS BAR
20. UNIDENTIFIED/ABANDONED BUILDING
21. WINSTON-SALEM RESCUE SQUAD (POSSIBLE RE-FUELING STATION ALONG BUILDING)
22. TRADER PUBLISHING
23. SURBURBAN PROPANE (PROPANE ASTS OF VARIOUS SIZES)
24. NATIONAL WELDERS (TANKS)
25. METROMONT MATERIALS (MANUFACTURED CONCRETE PRODUCTS; STORAGE TANKS)
26. J & W BAR
27. SAM'S KITCHEN (RESTAURANT)
28. FORSYTH COUNTY GROUNDS MAINTENANCE FACILITY (NEW BUILDING)
29. CRUISE ON (AUTO REPAIR/PERFORMANCE)
30. FORSYTH COUNTY GENERAL SERVICES (NEW COMMERCIAL/OFFICE TYPE BUILDING)
31. FORSYTH COUNTY FLEET MAINTENANCE (NEW GARAGE/OFFICE BUILDING)
32. PIEDMONT PARK HOUSING DEVELOPMENT
33. ELECTRICAL SUBSTATION
34. STREETS BLOCKED OFF; ROADS REMOVED, AND ALL BUILDINGS RAZED
35. NEXT TO MOM LEARNING CENTER
36. UNIDENTIFIED LOGISTICS/WAREHOUSE TYPE BUSINESS
37. UNIDENTIFIED SMALL WAREHOUSE TYPE BUILDING
38. UNITED HOUSE OF PRAYER FOR ALL PEOPLE (CHURCH)
39. IVY APARTMENTS
40. NEW UNITY MISSIONARY BAPTIST CHURCH
41. SAINT PHILIP'S MORAVIAN CHURCH
42. WE'S CLOTHING – $1 STORE AND STRIP MALL
43. SHOPPING CENTER

CURRENT PROPERTY OWNERS KEY (#)

LETTER	TAX PARCEL ID	PROPERTY OWNER
A	6836-58-0260	WASTE MANAGEMENT OF CAROLINAS
B	6836-49-7898	ATLANTIC SCRAP AND PROCESSING LLC
C	6836-58-5712	NORFOLK AND SOUTHERN RAILROAD
D	6836-57-1136	NEAL AND DESHANNA WILSON
E	6836-47-9541	KABA IICO CORP.
F	6836-48-3621	ROYSTER-CLARK AGRIBUSINESS INC.
G	6836-58-3621	VIRGINIA HOLDING CORP.

0 500' 1000'
GRAPHIC SCALE

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

2004 FORSYTH COUNTY TAX MAP AND 2002 AERIAL WITH HISTORICAL SITE FEATURES

BBL
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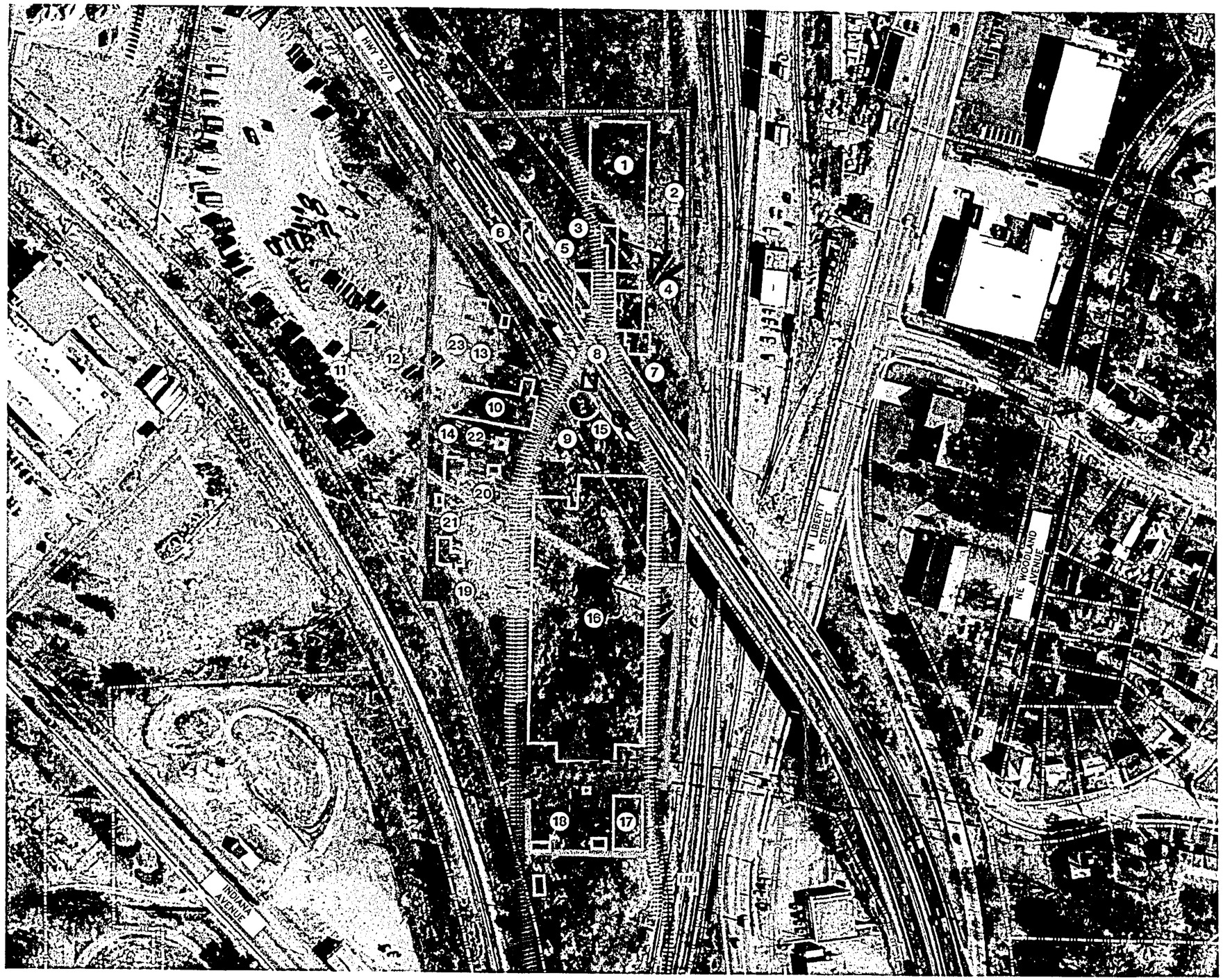
engineers, scientists, economists

FIGURE 2



LEGEND:

- APPROXIMATE LOCATION OF THE FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)
- APPROXIMATE LOCATION OF FORMER FERTILIZER PLANT FEATURES (1907)
- APPROXIMATE LOCATION OF FORMER FERTILIZER PLANT FEATURES (1917 ADDITIONS)
- APPROXIMATE LOCATION OF FORMER RAILROAD SIDINGS (1907 & 1917 PLANT FEATURES)
- CURRENT TAX PARCEL BOUNDARIES
- 30' POWER TRANSMISSION RIGHT-OF-WAY

NOTES:

1. HISTORICAL SITE FEATURES DIGITIZED FROM 1907 & 1917 SANBORN MAPS.
2. 2002 AERIAL PHOTOGRAPH OF WINSTON – SALEM PROVIDED BY UNITED STATES GEOLOGICAL SURVEY.
3. PARCEL BOUNDARIES DIGITIZED FROM 2004 FORSYTH COUNTY COMPILATION OF RECORDED PLATS.
4. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.
5. ALL LOCATIONS ARE APPROXIMATE.

HISTORICAL BUILDING KEY: (#)

1. ACID CHAMBER (BUILT ON AN OLDER ACID CHAMBER, AS SHOWN IN 1900 SANBORN MAP)
2. COMPRESSOR ROOM
3. BURNERS
4. BURNER ROOM (BUILT ON AN OLDER BURNER ROOM, AS SHOWN IN 1900 SANBORN MAP)
5. PYRITES HOUSE
6. NITRE HOUSE
7. BOILER ROOM
8. PUMP HOUSE
9. 100,000 GALLON RESERVOIR
10. TOBACCO STEM WAREHOUSE
11. 54,000 GALLON WATER TOWER
12. STORAGE
13. DRYER
14. OFFICE
15. OIL HOUSE
16. MILL BUILDING (GRINDING, MIXING, STORAGE AND BAGGING OF FERTILIZER)
17. BAG HOUSE
18. LIME HOUSE
19. STORAGE
20. TRANSFORMER HOUSE
21. SCALES
22. 8,000 GALLON TANK
23. CORN CRIB

FORMER STREET NAMES:

INDIANA AVE. (FKA INVERNESS AVE.)
LIBERTY ST. (FKA WALKERTOWN RD.)

0 150' 300'
GRAPHIC SCALE

X: 85567X01, X02, X03 & X04.TIF
L: ON=*, OFF=REF
P: PAGESET/PLT-BL1
03/03/06 CAR-85-LEE
85567001\85567B10.DWG

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

2002 AERIAL CLOSE-UP WITH HISTORICAL SITE FEATURES

BBL
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engineers, scientists, economists

FIGURE
3

Appendix A

Sanborn Maps

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

1895

REPORT
WINSTON

Population 10,000. Prevailing Winds N.W. & S.W.

WATER FACILITIES. Reservoir 3000 ft. N.W. of Court Ho. Cap'y 1 Million Galls., but is to be enlarged to a capacity of 14 Million. 1 Worthington Pump. Cap'y 300,000 Galls. per day. 2 Smith & Vail Compound Duplex Pumps, bought put in, having cap'y of 1 Million Galls per day. 4 ½ miles of W. Pipes. 65 Simple. 12 Double Hydrants. 1 ¼ miles of W. Pipe to be laid as soon as weather permits and 35 Double & 35 Simple Hyd'ts to be placed. Pressure at Court Ho. 13 lbs per Sq. Inch.

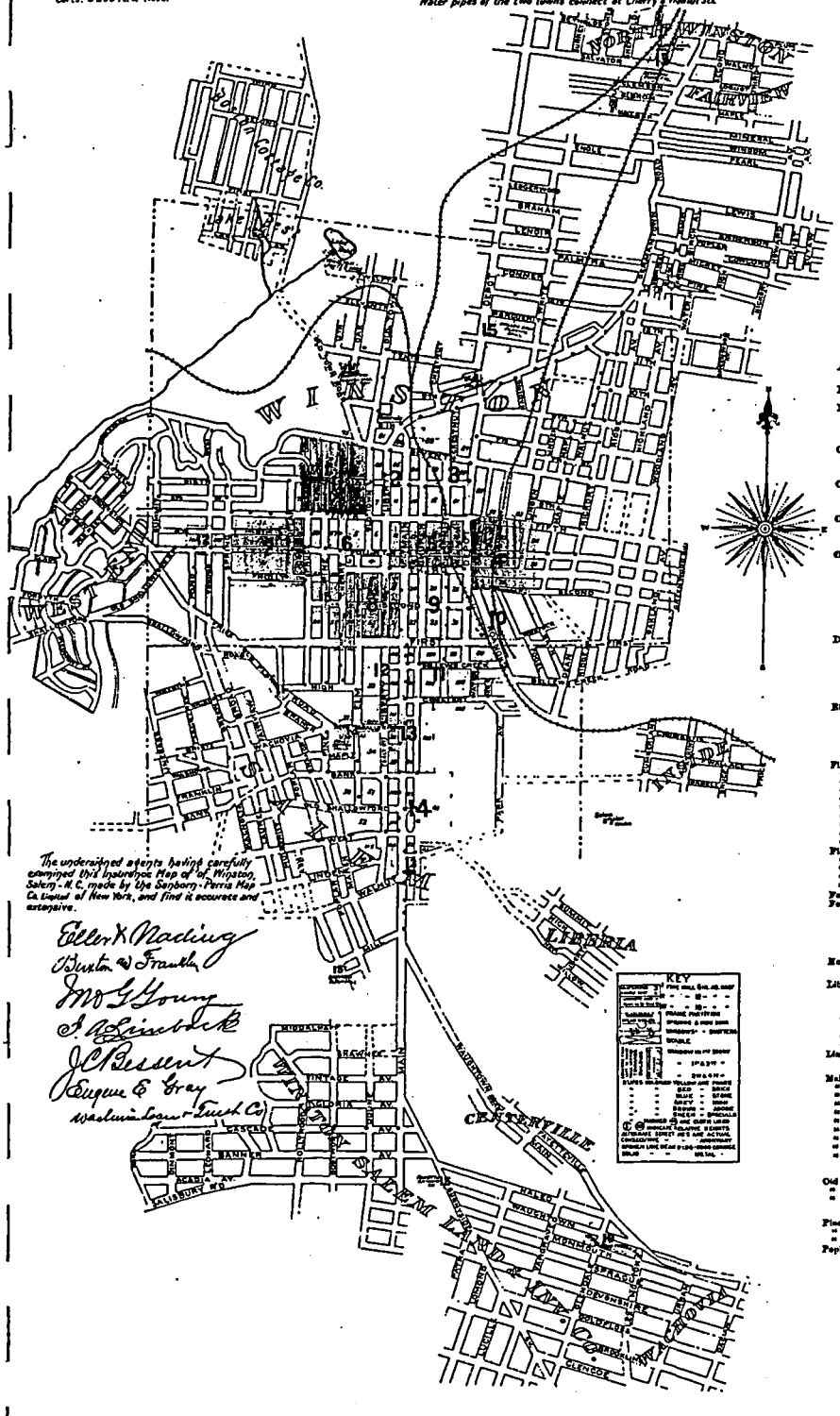
FIRE DEPARTMENT. 4 Paid men. 30 Volunteers. & 2 Hose Companies. 2 Steamers (1 - Rotary & 1 Double Piston.) 3 Hose Carts. 3200 ft. of Hose.

SALEM

Population 3500. Prevailing Winds N.W. & S.W.

WATER FACILITIES. Reservoir. Cap'y 600,000 Galls. Supply from 2 Wells flowing 25 Galls. per minute each, and spring, 50 Galls. per min. Capacity of Pumps 150 Galls. per minute. 34045 ft. of Water Pipe. 57 Hydrants. Average Pressure 37 lbs. per Sq. Inch. New Reservoir, partly completed, cap'y 1½ Million Galls.

FIRE DEPARTMENT. Volunteer. 38 Men. 1 Steamer. 2 Hose Reels, 1 Hose Wagon. 2500 ft. 2½" Hose.
Fire Alarm
Gamewell System. 6 Stations on Winston and 5 in Salem. Both departments respond to all alarms.
Water pipes of the two towns connect at Cherry & Walnut Sts.



The undersigned agents having carefully examined this Insurance Map of Winston, Salem - N. C. made by the Sanborn-Perris Map Co. Limited of New York, and find it accurate and extensive.

Ellen K. Nading
Buxton & Franklin
Mc G. Young
J. A. Linebeck
J. C. Bessent
Eugene E. Gray
Washington Trust Co.

INSURANCE MAPS OF Winston SALEM

FORSYTH CO.

NORTH CAROLINA

Sanborn-Perris Map Co. Limited
115 Broadway New York

SCALE 50 FT. TO AN INCH

April, 1895

Copyright 1895, by the Sanborn-Perris Map Co. Limited.

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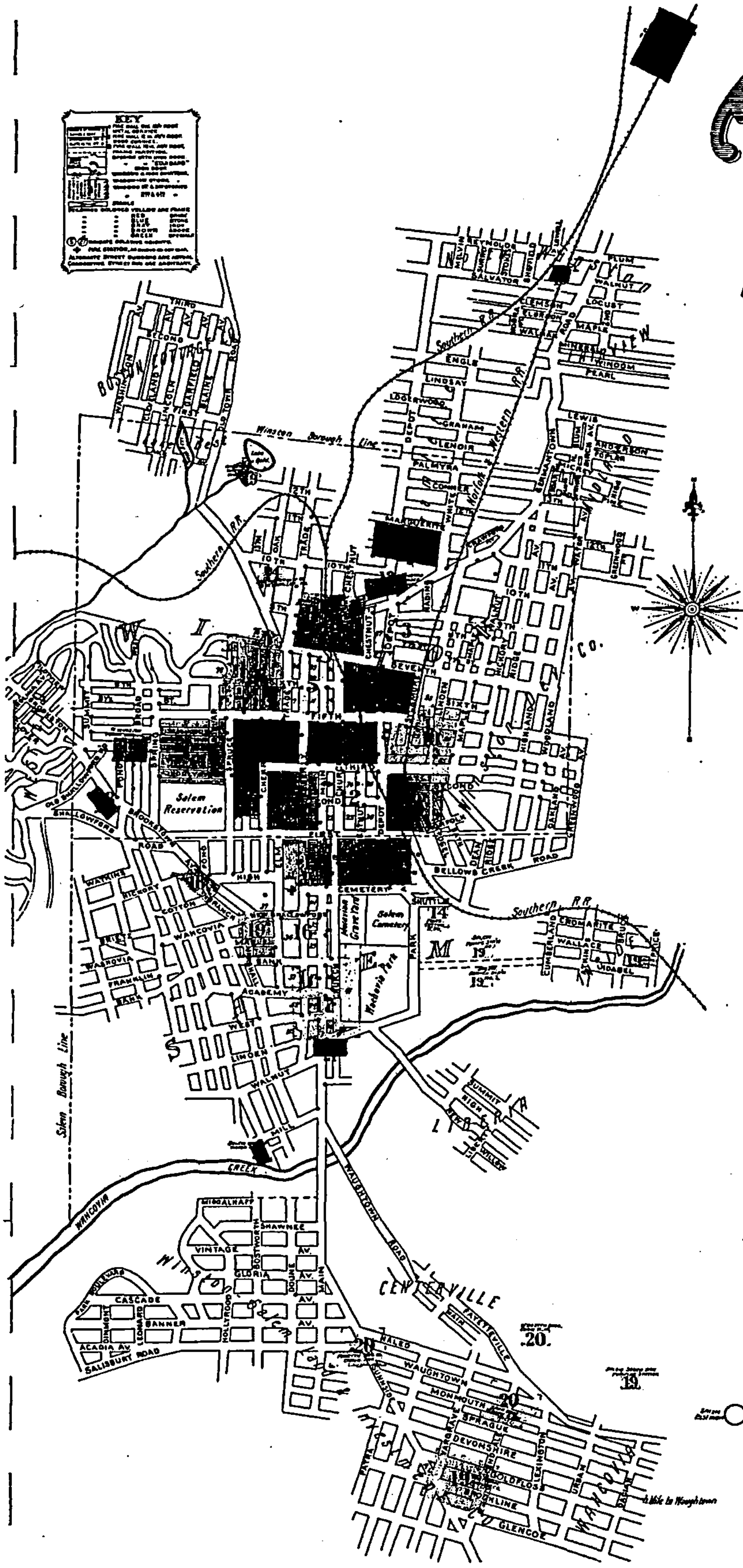
* Indicates only one side of Street shown.

1900



21 Sheets (3917) 27177

INSURANCE MAPS of WINSTON-SALEM NORTH CAROLINA

FORSYTH CO.

Sanborn-Perris Map Co. Limited

SCALE 50 FT. TO AN INCH — 11 BROADWAY, NEW YORK.

May 1900

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Population 19000, Prev. Winds, N.W. & S.W.

WINSTON - POPULATION 14000.

WATER FACILITIES. City of Winston Water Works. Gravity and direct pressure system. Water supply from two wells located at pumping station - cap. 200,000 galls. each per 24 hours. Brick reservoir on Trade St. near 7th St. cap. 1250,000 galls. Pumping station one mile N.N.W. of Court Ho. Two Stillwell-Bierce-Smith-Vaile Compound Duplex Pumps - cap'y 800000 galls. each per 24 hours. One Worthington Water Power Pump - cap'y 300000 galls per 24 hours. 8" Main from pumps to reservoir. 9½ Miles of water pipes, 4" to 12" diam. 51 Double and 64 single hydrants. Gravity pressure - lowest 25 lbs. highest 75 lbs.

FIRE DEPARTMENT. Volunteer - 85 men. 4 Paid drivers & 2 Paid engineers on constant duty. 5 Horses on constant, drop harness. 4 Horses used on streets available for fire service. Gamewell Fire Alarm System 10 boxes. One 3rd Class, double piston steam fire engine. (La France) One 3rd class rotary steam fire engine (La France). Two Hayes Hook & Ladder truck. Two hose wagons. Two auxiliary hose reels. 600' 2½" rubber hose. 1200' 2½" cotton, rubber lined hose, all in good order.

Streets paved and Macadamized. Lights electric. 4 Night police.

SALEM - POPULATION 5000.

WATER FACILITIES. Salem Water Supply Co. Gravity and direct pressure system. Brick & cement reservoir, two mile S.E. of Salem Sq. capacity 1¼ million galls. Iron tank on Chestnut St. cap'y 600000. galls. One Worthington Duplex Pump - cap. 130 galls. per minute, run by electricity. Two pumps, cap'y 250 galls. & 600 galls. per hour, run by water wheel. 7 Miles Water pipes, 3" to 10" diam. 58 Hydrants - mostly single. Gravity pressure at Salem Sq. 25 lbs.

FIRE DEPARTMENT. Volunteer 40 Men. 4 Horses owned and used by Arista Cotton Mills are available for fire service. Gamewell Fire Alarm system. 4 boxes (Annual fire inspection) One Button 3rd class single piston Steam Fire Engine. One 2 horse Hose Wagon. One 1-horse Hose Hose Cart. 2000' 2½" Hose.

Streets mostly paved, Lights gas and elect. One night police.

NOTE. Winston and Salem water mains connected by 4" W. Pipe at Cherry St. Winston and Salem fire depts respond to all alarms in Winston-Salem.

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STREETS.

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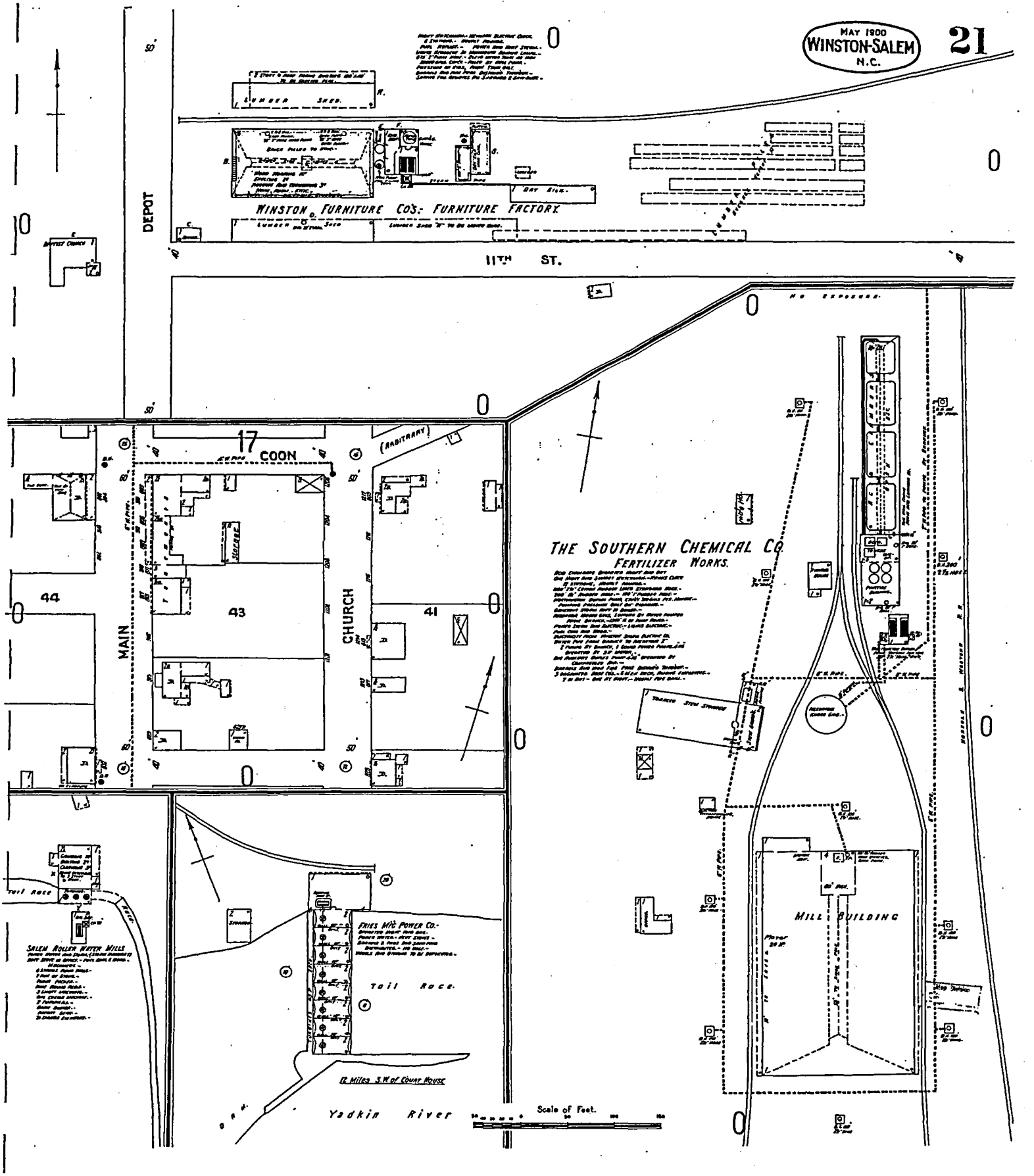
SPECIALS.

[illegible]

1900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Tail Race
Tail Race.
Yadkin River
Scale of Feet.

INSURANCE MAPS OF

WINSTON-SALEM

FORSYTH COUNTY

NORTH CAROLINA

36 Sheets (3127)

Sanborn Map Company

11 BROADWAY, NEW YORK

Scale 50 Feet to an inch.

April 1907

Copyright 1907 by the Sanborn Map Co.

Population 23000 (Winston 15000, Salem 8000)

PREVAILING WINDS, N.W. & S.W.

WATER FACILITIES.

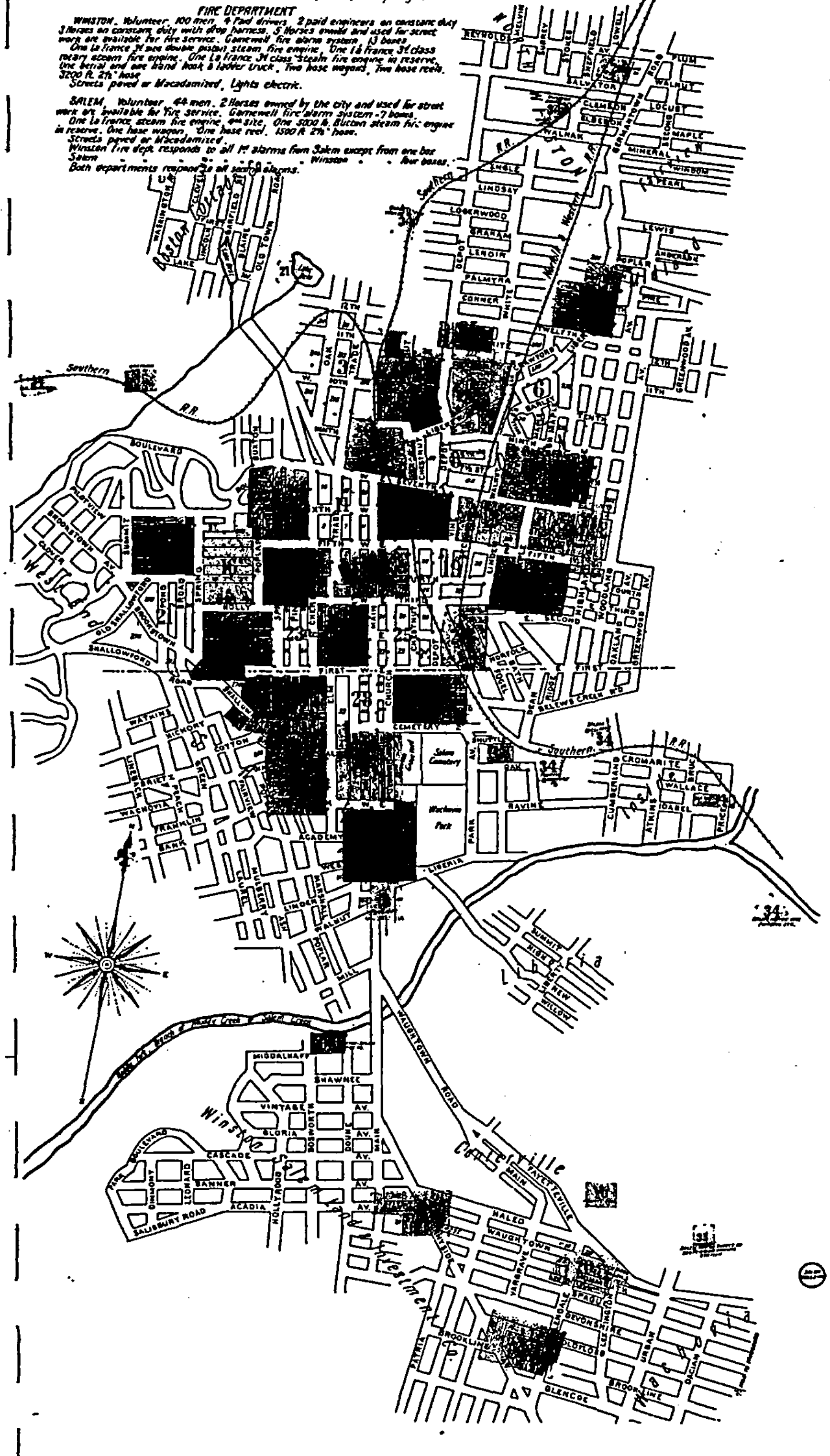
WINSTON. Gravity system of water works owned by the city. Water supply from pond on Frazier Creek 2½ miles N.E. of Court Ho. capacity 15 million galls. Water flows by gravity through 14" pipe to ½ million gall. settling basin, thence to filters and coagulating tanks, and from filters to 2½ million gall. clear water basin. From this basin water is pumped by one McGowan Compound duplex pump capacity 2½ million galls. and two Smith-Vaile compound duplex pumps capacity 1½ million galls. per 24 hours. 12" main from pumping station to city distributing system at Hyland Ave. Surplus water goes to stand pipe (Trade St. between Ninth and Tenth Sts.) 25 ft. diam., 50 ft. high, capacity 183,000 galls. which gives a pressure at city offices 45 lbs. per sq. inch. Low pressure 25 lbs. highest pressure 75 lbs. Direct pressure available if necessary. 15 miles of water pipes, 4" to 12" diam. 112 Single and 80 double hydrants.

SALEM. Gravity and direct pressure system of water works, owned by the city. Water supply from creek. One Stilwell-Bierce-Smith-Vaile pump - capacity 500 galls. per minute and an auxiliary pump of 400 galls. capacity. Steam from two boiler of 50 H.P. each. 8" Water main connects pumps with distributing system. Surplus water goes to tank of 450,000 galls. capacity, on Chestnut St. between First St. and Belews Creek. Pressure 25 to 120 lbs. per sq. inch. About 9 miles of water pipes, 3" to 10" diam. 73 Hydrants, mostly single.

FIRE DEPARTMENT

WINSTON. Volunteer. 100 men. 4 Paid drivers. 2 paid engineers on constant duty. 3 Horses on constant duty with drop harness. 5 Horses owned and used for street work are available for fire service. Gamewell fire alarm system. 13 boxes. One La France 3d size double piston steam fire engine. One La France 3d class rotary steam fire engine. One La France 3d class steam fire engine in reserve. One aerial and one hand hook & ladder truck. Two hose wagons. Two hose reels. 3200 ft. 2½" hose. Streets paved or Macadamized. Lights electric.

SALEM. Volunteer. 44 men. 2 Horses owned by the city and used for street work are available for fire service. Gamewell fire alarm system - 7 boxes. One La France steam fire engine 4th size. One 5000 lb. Button steam fire engine in reserve. One hose wagon. One hose reel. 1500 ft. 2½" hose. Streets paved or Macadamized. Winston fire dept. responds to all 1st alarms from Salem except from one box. Salem " " " " " " Winston " " four boxes. Both departments respond to all second alarms.



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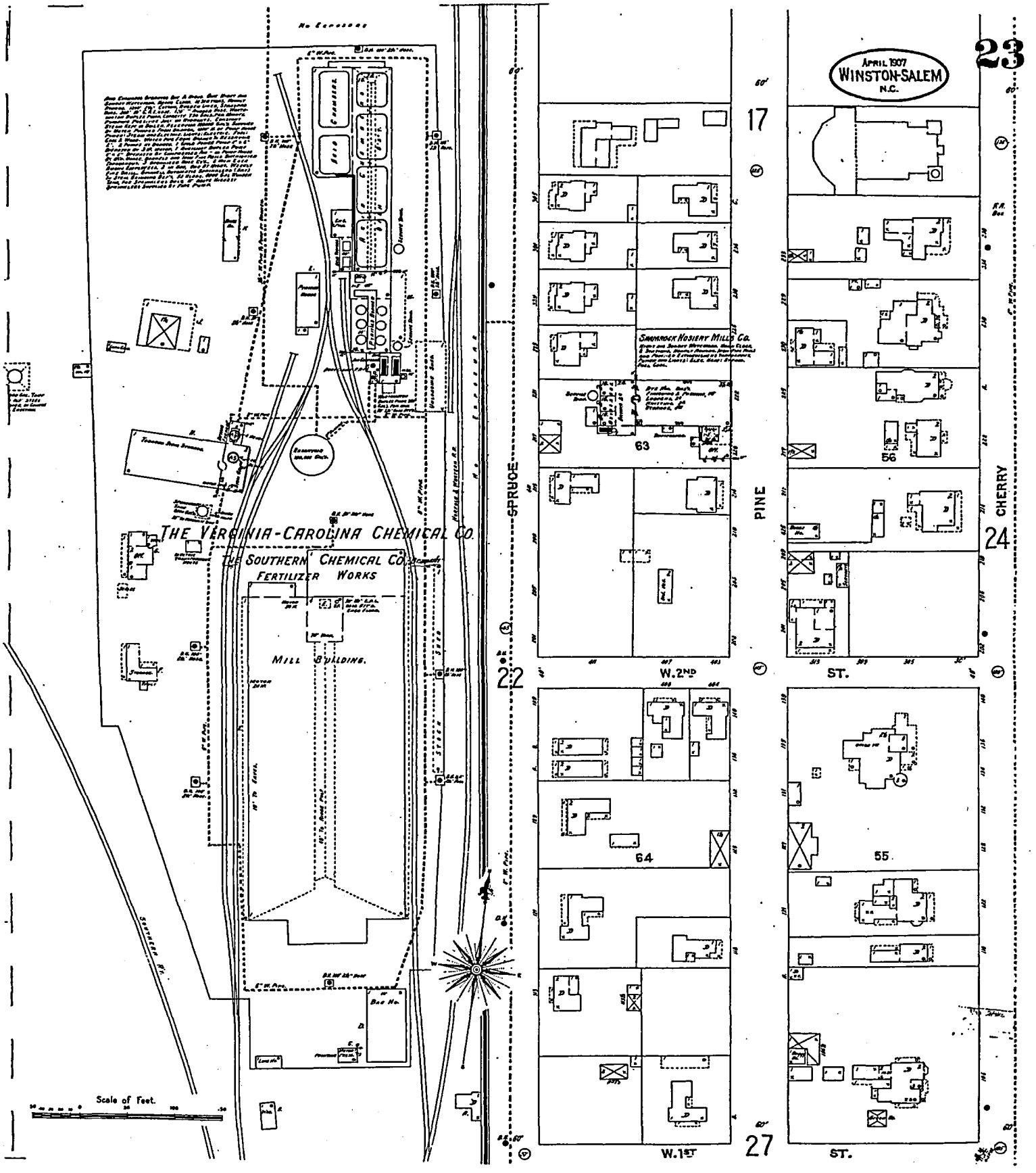
NOTE—* indicates only one side of street shown.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The Southern Chemical Co.
Fertilizer Works
Mill Building
Scale of Feet.

1912

JUN 1 1912

INSURANCE MAPS OF

WINSTON-SALEM

NORTH CAROLINA

PUBLISHED BY THE SANBORN MAP COMPANY

SCALE 50 FEET TO AN INCH — 11 BROADWAY, NEW YORK

April, 1912

Copyright 1912, by the Sanborn Map Company

C.C.F. 2.444

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" " Tobacco Storage, 16
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Barber Printery, 17
Bennett & Co., Wood and Coal Yard, 12
Blue Pearl Granite Works, 27
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Bohannon, F. M., Tobacco Fact'y No. 36, 12
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Brown & Williamson Tobacco Co., 24
" Memorial Baptist Church, 21
" Rogers Co., Hardware, 18
Brown's Tobacco Sales Warehouse, 18
Burkhead Methodist Church, 6

C
Calvary Church (Moravian), 22
Carolina Cold Storage and Ice Co.:
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" Ore Co., Mobilizing Plant, 26
" Paper Box Co., 19
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Chatham M'f'g Co., Woolen Mill No. 2, 26
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City Fuel Co., Coal Yard, 19
" Hall, 18
" High School, 17
" Market, 20
" " House, 18
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Coleman Bros., Leaf Tobacco House, 12
Consolidated Granite Co., 26
Cook-Lewis Foundry Co., 12
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Cromer Bros. & Co., Wholesale Grocers, 19

D
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E
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" " " " 3, 12
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" Meth. Episc. Church (Centenary), 11
" Presby. Church, 17
" " " & School (Negro), 7
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" Roller Mills, 6
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" Presbyterian Church (Negro), 5
Graded School (Negro), 12

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" P. H., Knitt'g Co., Mills Nos. 1 & 2, 12
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" Frances, 24
" Nell, 18
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" Zinzendorf, 25
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J
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K
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" Chestnut Street Leaf House, 26
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" " 4, 15
" " 5, 16
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" " 10, 19
" " 11, 19
" " 12, 26
" " 17, 19
" " 21, 19
" " 23, 19
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" " 32, 19
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" Paul's Episcopal Church, 17
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" M'f'g & Power Co., Electric Plant, 41
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" " " " Ice Factory, 30

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* Indicates only one side of Street shown.

JUN 1 1912

1

APRIL 1912
WINSTON-SALEM
N.C.

POPULATION 28,000
(Winston, 20,000 - Salem, 8,000)
Prevailing Winds, North East, North West and South West

WATER FACILITIES

Winston and Salem are separate incorporated towns, each maintains its individual water works system. There are however, three gate valve connections 16", 6", & 8" shown) located as shown on map Street, by means of which the system of either town becomes directly available for the other.

WINSTON

Gravity and direct pressure system of water works owned and operated by the town. Water supply is taken from pond, which has an estimated capacity of 175,000,000 gallons, on Muddy Creek, 2½ miles N.E. of Court house, at which point the pumping station is located. Water flows by gravity from pond through one 16" pipe line to settling basin of 500,000 gals. capacity, from which it is drawn through a Warren Sys. Land filtering plant of 1,750,000 gals. capacity per 24 hours, and discharged into a clear water storage basin of three million gals capacity, from this basin, water is pumped to town and stand pipe, located as shown on key map.) 99 ft. high, 250,000 gals. capacity, through a 12" pipe by three steam pumps as follows:

One McGowan compound duplex (14"X24"X14"X24") capacity 2½ million gals. and two South Bend compound duplex (18"X18"X16"X18"), capacity 500,000 gals. each per 24 hours.

120 miles of water pipes, 4" to 12" in diam., original system built in 1904, many extensions and alterations made since that time. 206 double and single hydrants. Static pressure at Court House, 45 lbs. but ranges from 25 to 80 lbs. in different parts of town. Average daily consumption, one million gals.

SALEM

Gravity and direct pressure system of water works, owned and operated by the town. Water supply (taken from Salem Creek at pumping station, located two miles S.E. of town. Water flows by gravity through two 12" pipe lines from creek to pumping well from which it is pumped into one collecting basin of 125,000 gals capacity, by one Buffalo centrifugal pump, and one Morris centrifugal pump having capacities of 2,500 and 1000 gals. per minute and driven by 15 and 25 H.P. steam engines respectively. From collecting basin water is drawn through Jewel two tank filtering system, and is discharged into a clear water basin of 2,000,000 gals. capacity. From this basin the water is pumped to town and stand pipe by two station pumps as follows: One Stilwell-Price Jewel South-Bend compound duplex (10"X16"X10"X18") capacity one million gals. and one Platt Iron Works compound duplex (18"X18"X9"X18") capacity one million gals. per 24 hours. One 16" pipe line from pumping station to town, one 8" pipe line from pumping station to stand pipe, 160 ft. high, 150,000 gals. capacity, located as shown on key map.

18 miles of water pipes 4" to 16" diam. 87 double and single hydrants, 38 private hydrants. Static pressure at Salem Square, 65 lbs. Average daily consumption 500,000 gals. present system was built about 1905, many extensions and alterations made since that time.

FIRE DEPARTMENT

Winston and Salem maintain separate fire depts.; both towns are covered by the same gamewell fire alarm system of 25 boxes, and both departments respond to all alarms in congested sections of either town.

WINSTON.

Volunteer and partly paid. Four companies. Five paid drivers on constant duty 126 volunteer call men. Five trained horses, seven other horses used on street work. Gamewell fire alarm system 17 boxes, connected with striker on bell at city hall. Two third class La France steam fire engines. Four hose wagons, 3500 ft. 2½" cotton, rubber lined hose. Two hook & ladder trucks.

SALEM

Two volunteer companies, 41 men. Gamewell fire alarm system system, 8 boxes, operates indicator in town hall, bell on building is struck by hand. One hose wagon and one hose cart, 2,300 ft. 2½" cotton rubber lined hose. One hose wagon and one hose cart. One fourth class La France steam fire engine. One Button steam fire engine.

PRIVATE FIRE SYSTEM
of the
R. J. Reynolds Tobacco Company

For risks appearing on Sheets 12, 13, 14 & 15, of this survey, this system consists of one 6" fire line, which supplies automatic sprinklers and fire hydrants protecting these risks, and to which fire line, are attached, the water works system of Winston, the water works system of Salem, two private pumping plants and one elevated water tank, each of which sources of supply is described as follows:-

This division water works system supplies water at 65 lbs. pressure through four check-valve connections, located as shown on survey.

The Salem water works system supplies water at 65 lbs. pressure through one 8" check valve connection, shown on sheet # 25.

One pumping plant, located in Block #46 is equipped with one Underwriter's duplex pump (18"X10"X12") of 1000 gals. capacity and one Worthington duplex pump (18"X10"X12") of 1000 gals. capacity, both of which draw from Winston water mains and from 225,000 gal. cistern which is filled from town system.

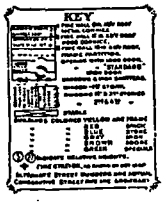
The other pumping plant is located on Block No. 30, equipped with one National Standard duplex pump (18"X8"X12") of 1000 gals. capacity, and one Worthington duplex pump (16"X8"X10") of 750 gals. capacity, both of which draw from Winston and Salem water mains and 250,000 gal. cistern, which is filled from town system.

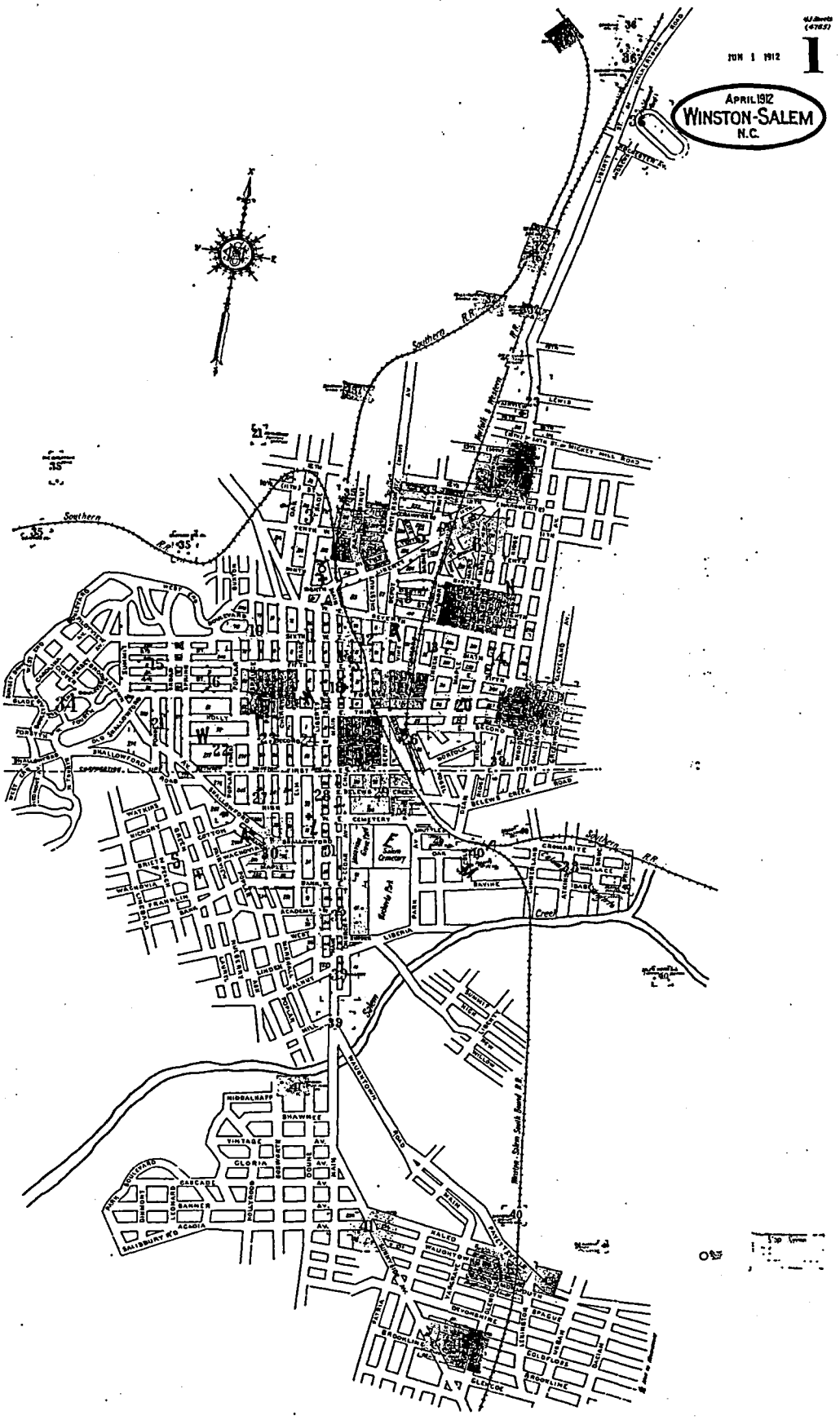
The elevated water tank located on Block #84 has an elevation of 150 ft. above general ground level, and a capacity of 150,000 gals.

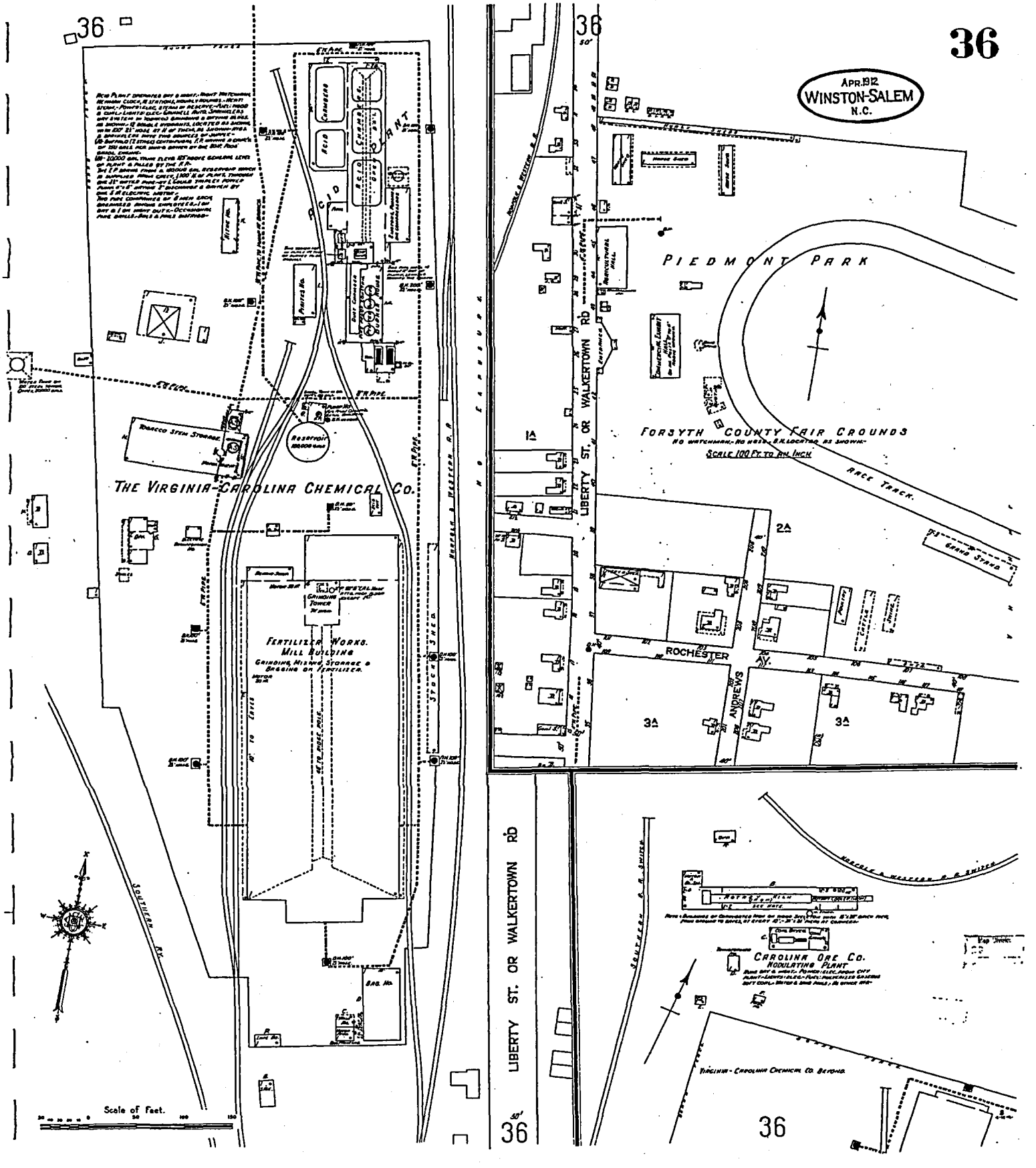
This fire system may be operated independently by means of any of the above described sources of supply, or by any in connection.

Water pipes of this system shown on detail sheets thus [illegible]

Principal streets are paved or Macadamized. Public lights in both towns are electric and gas.






36
36
36
APR. 1912
WINSTON-SALEM
N.C.
ACID PLANT
CHAMBERS
ACID
CHAMBERS
ACID
TOBACCO STEM STORAGE
RESERVOIR
THE VIRGINIA-CAROLINA CHEMICAL CO.
FERTILIZER WORKS.
MILL BUILDING
GRINDING, MIXING, STORAGE & BAGGING OF FERTILIZER.
STOCK SHED
SOUTHERN RY.
NORFOLK & WESTERN R.R.
LIBERTY ST. OR WALKERTOWN RD
PIEDMONT PARK
FORSYTH COUNTY FAIR GROUNDS
NO WATCHMAN.-NO WATER.-S.R. LOCATING AS SHOWN.
SCALE 100 FT. TO AN INCH
RACE TRACK
GRAND STAND
1A
2A
3A
3A
ROCHESTER
ANDREWS
CAROLINA ORE CO.
MODULATING PLANT
VIRGINIA-CAROLINA CHEMICAL CO. BEYOND
Scale of Feet.

INDEX

STREETS

* Indicates only one side of Street shown.

30 Sheets
WINSTON-SALEM, N.C.
Volume Two.
KEY MAP
(345)

NOTE

Alternate house numbers are actual and are those found upon buildings.
As a means of designation, consecutive numbers have been supplied to houses not having actual numbers.

CORRECTION RECORD

Rev. No.	Date of Correction	Attached By	Date Attached

KEY TO SYMBOLS

Scale 1500 Feet to one inch
(Approx.)

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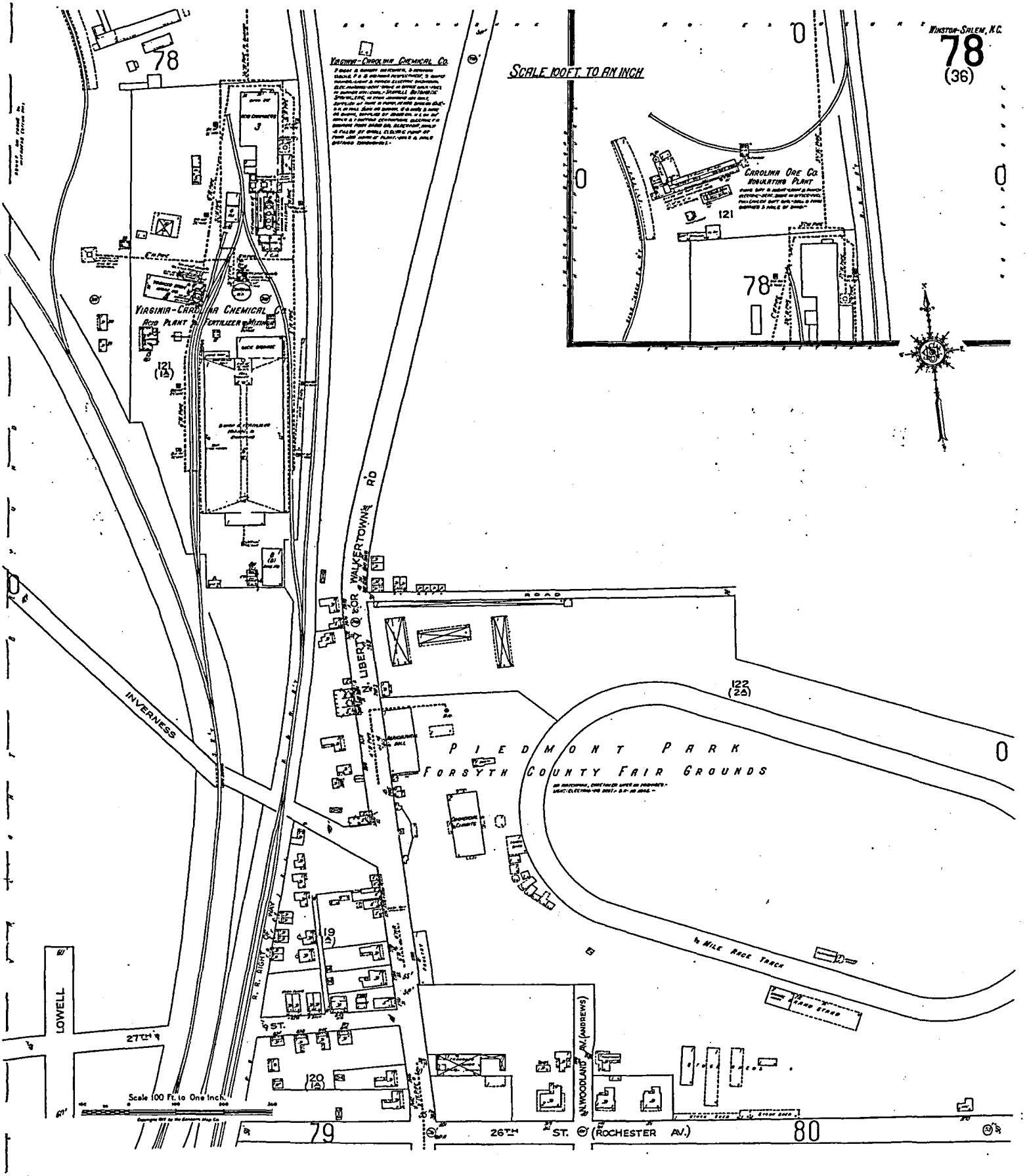
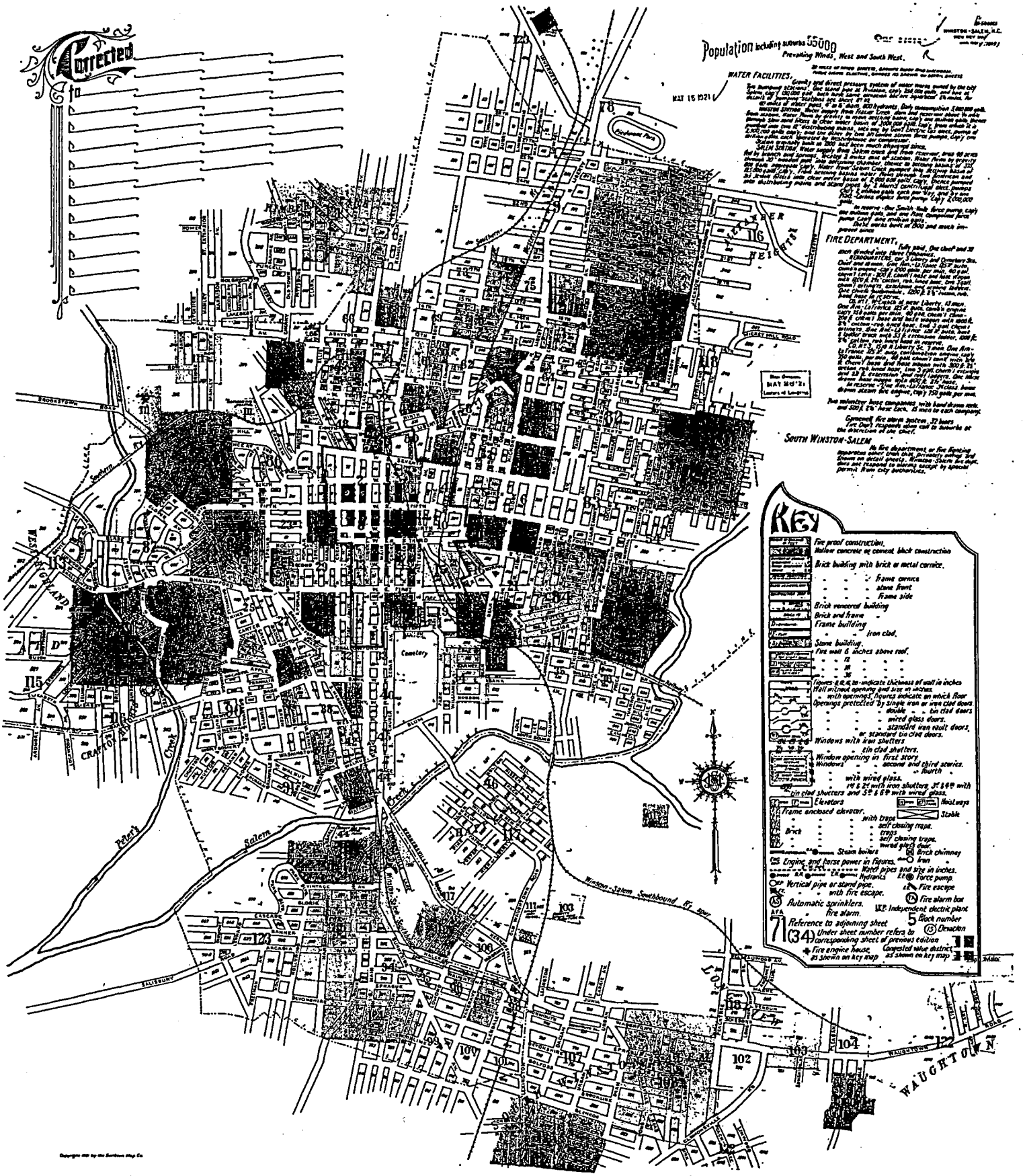
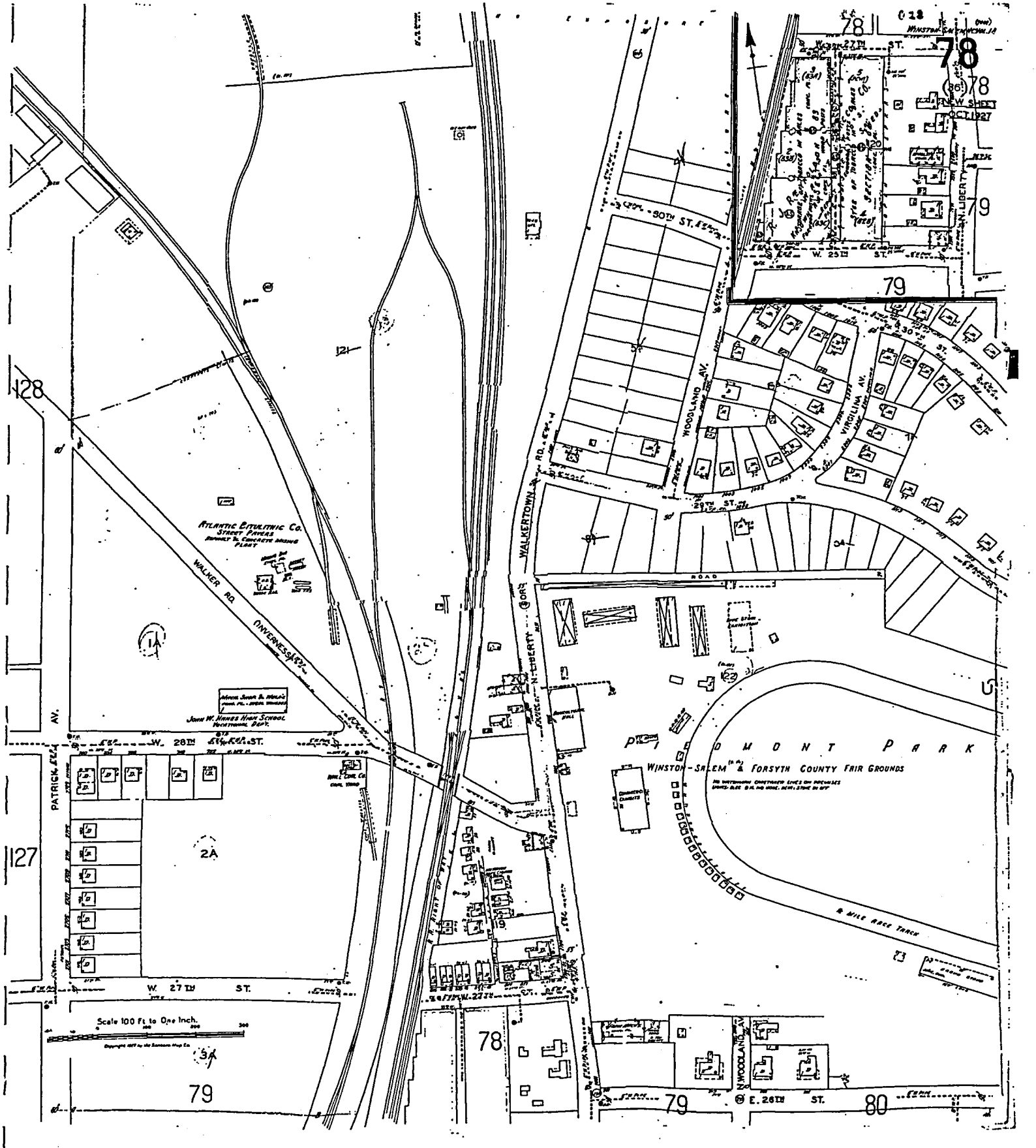

Winston-Salem, N.C.
78
(36)
Scale 100 Ft. to An Inch
Virginia-Carolina Chemical Co.
Carolina Ore Co.
Mounting Plant
Virginia-Carolina Chemical Co.
Acid Plant & Fertilizer Mixing
Liberty or Walkertown Rd
Inverness
Piedmont Park
Forsyth County Fair Grounds
½ Mile Race Track
Grand Stand
Lowell
27th St.
R. R. Right of Way
N. Woodland Av. (Andrews)
26th St. (Rochester Av.)
Scale 100 Ft. to One Inch
78
79
80
121
122
(2A)
120
(1A)
119
(1A)

1921

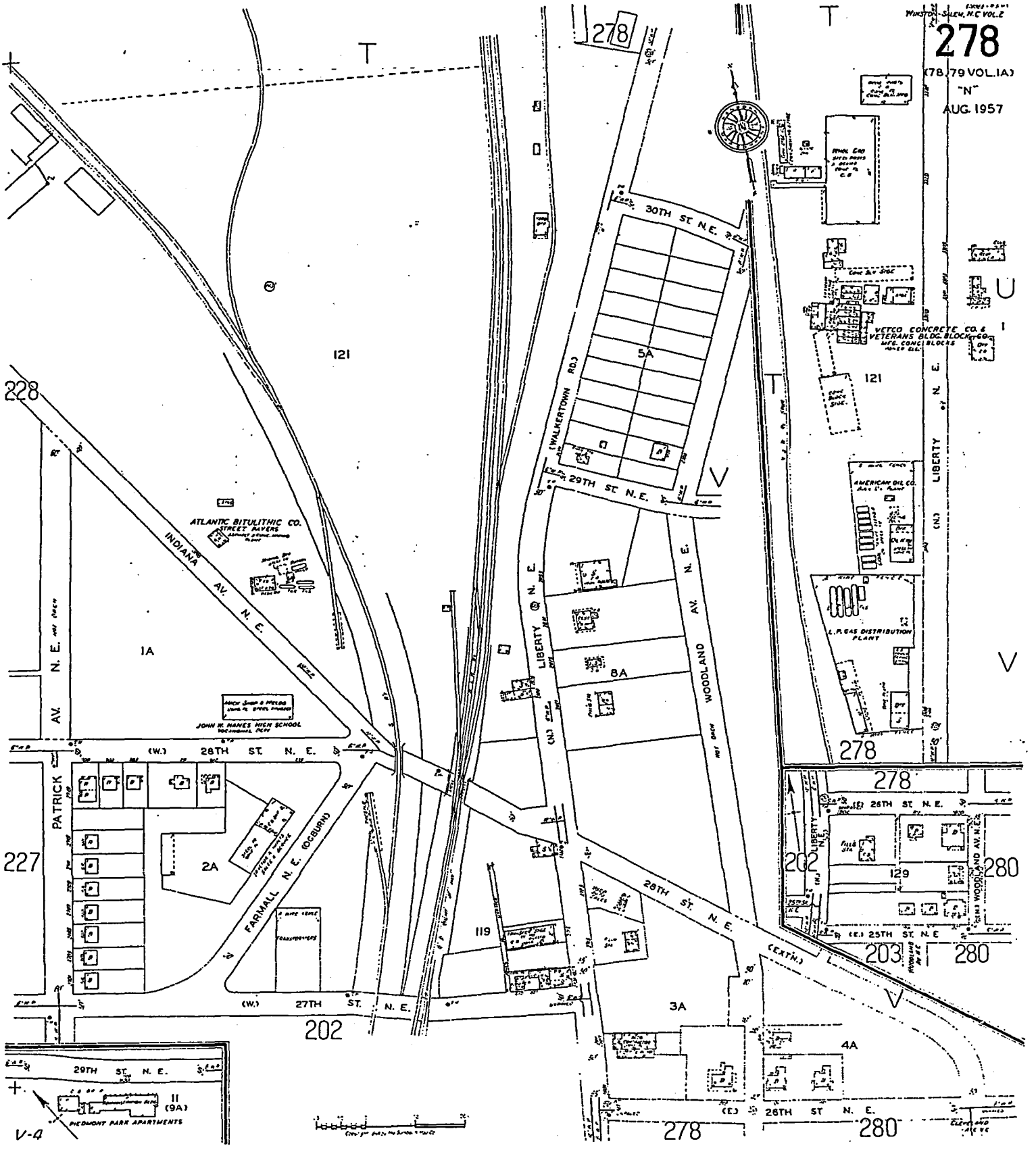
New and Additional Sheets



1917-1950


78
W. 27TH ST.
78
(36) 78
NEW SHEET OCT. 1927
79
W. 25TH ST.
30TH ST.
WOODLAND AV.
VIRGINIA AV.
29TH ST.
WALKERTOWN RD.
N. LIBERTY
ROAD
ATLANTIC BITULITHIC CO.
STREET PAVERS
WALKER RD.
INVERNESS ST.
JOHN W. HANES HIGH SCHOOL
W. 28TH ST.
PATRICK AV.
PIEDMONT PARK
WINSTON-SALEM & FORSYTH COUNTY FAIR GROUNDS
4 MILE RACE TRACK
W. 27TH ST.
Scale 100 Ft. to One Inch.
E. 26TH ST.
128
127
121
1A
2A
3A
19
22
23
5
79
80

1957


WINSTON-SALEM, N.C. VOL. 2
278
(78, 79 VOL. 1A)
"N"
AUG. 1957
30TH ST. N.E.
29TH ST. N.E.
28TH ST. N.E.
27TH ST. N.E.
26TH ST. N.E.
25TH ST. N.E.
(W.) 28TH ST. N.E.
(E.) 26TH ST. N.E.
(E.) 25TH ST. N.E.
(W.) 27TH ST. N.E.
29TH ST. N.E.
INDIANA AV. N.E.
PATRICK AV. N.E.
FAIRMALL N.E. (OGBURN)
LIBERTY (N.) N.E.
WOODLAND AV. N.E.
(WALKERTOWN RD.)
28TH ST. N.E. (EXTN.)
ATLANTIC BITULITHIC CO.
STREET PAVERS
JOHN W. HANES HIGH SCHOOL
VOCATIONAL DEPT.
VETCO CONCRETE CO. & VETERANS BLDG. BLOCK CO.
MFG. CONC. BLOCKS
AMERICAN OIL CO.
L.P. GAS DISTRIBUTION PLANT
PIEDMONT PARK APARTMENTS
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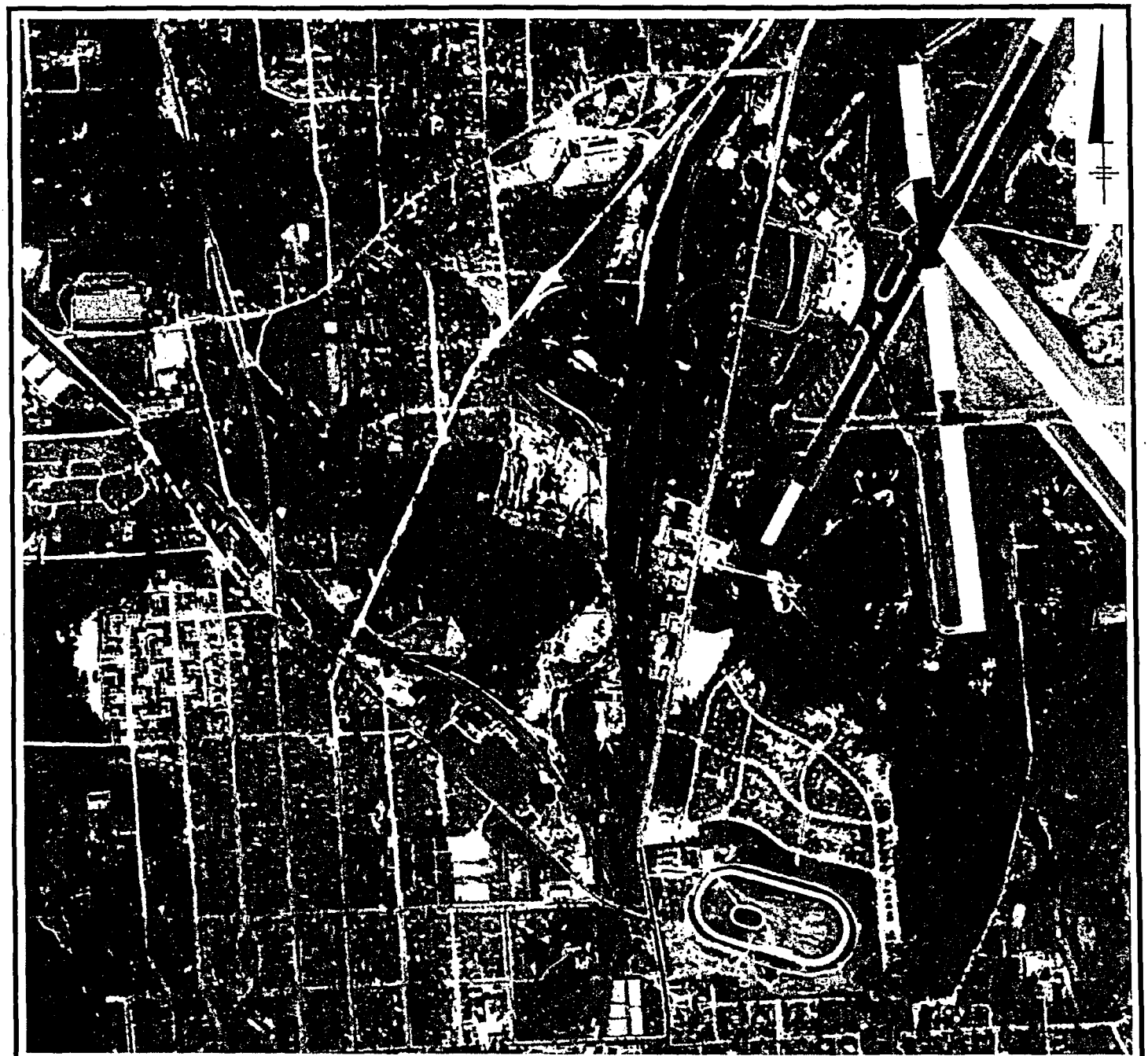
203
280
278
121
119
129
1A
2A
3A
4A
5A
8A
II (9A)
V-4

Appendix B

Historical Aerial Photographs

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists



LEGEND:

—·—·— BOUNDARIES OF FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. HISTORICAL AERIAL MAPS OBTAINED FROM ENVIRONMENTAL DATA RESOURCES.
3. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

X: 85567X00.DWG; 85567X15.TIF
L: ON=*, OFF=REF
P: PAGESET/PLT-AP
03/03/06 CAR-85-LEE
85567001\85567B09.DWG

0 1000' 2000'

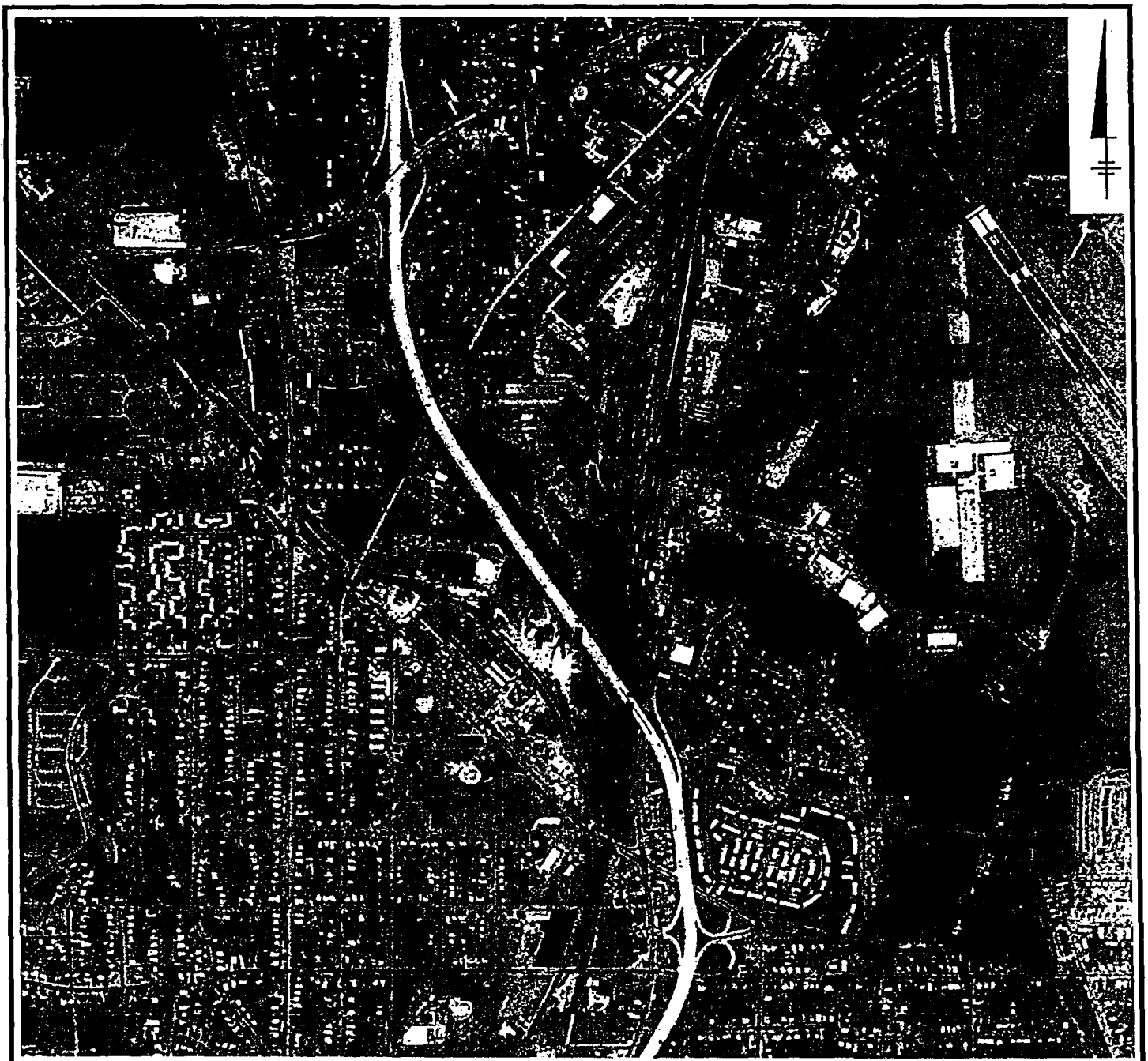
GRAPHIC SCALE

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

1950 HISTORICAL AERIAL PHOTOGRAPH

BBL
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

FIGURE
B-1



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1. ALL LOCATIONS ARE APPROXIMATE.
2. HISTORICAL AERIAL MAPS OBTAINED FROM ENVIRONMENTAL DATA RESOURCES.
3. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

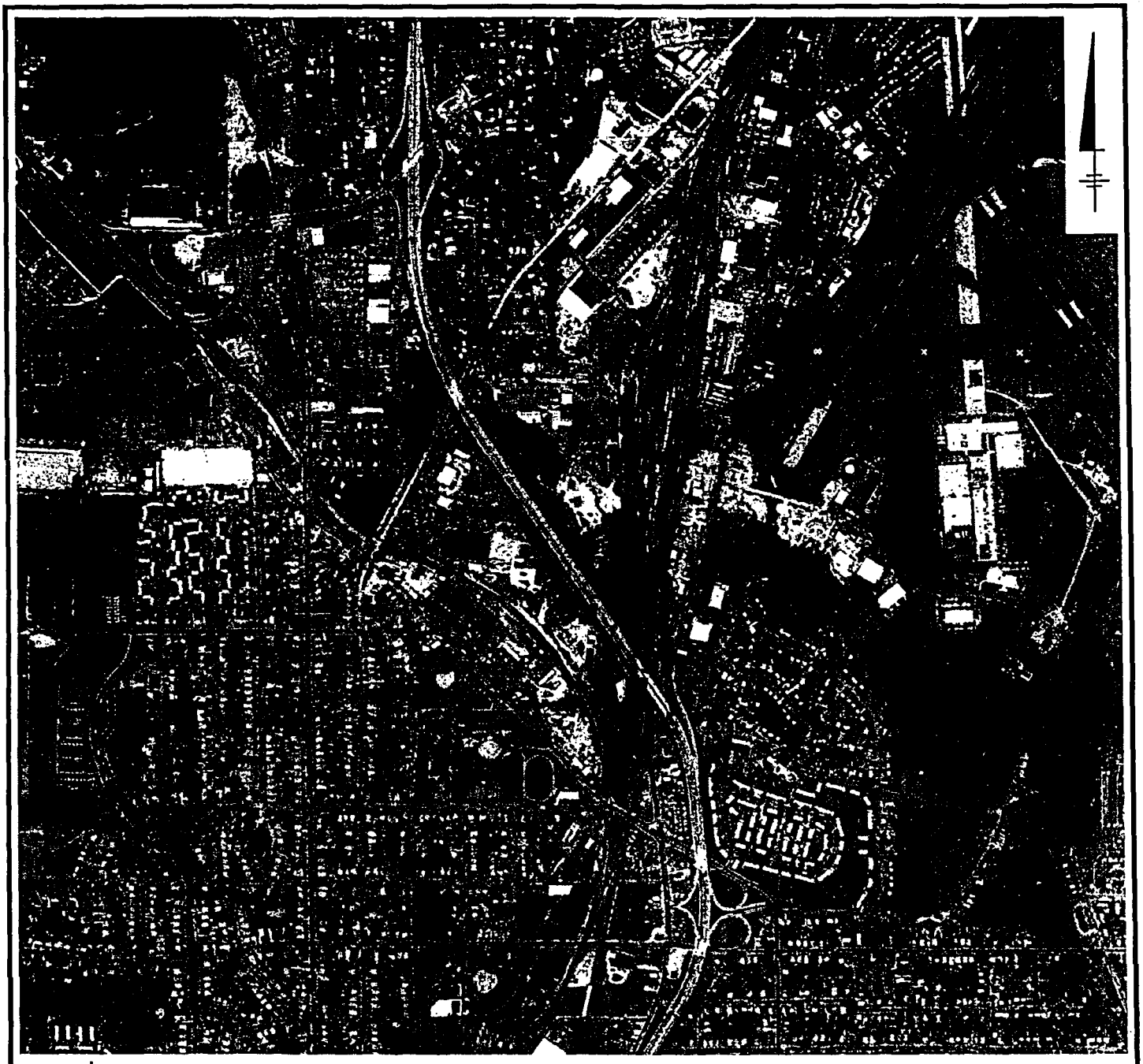
1977 HISTORICAL AERIAL PHOTOGRAPH

X: 85567X00.DWG; 85567X16.TIF
L: ON=*, OFF=REF
P: PAGESET/PLT-AP
03/03/06 CAR-85-LEE
85567001\85567B08.DWG

0 1000' 2000'
GRAPHIC SCALE

BBL
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

FIGURE
B-2



LEGEND:

—··— BOUNDARIES OF FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. HISTORICAL AERIAL MAPS OBTAINED FROM ENVIRONMENTAL DATA RESOURCES.
3. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

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03/03/06 CAR-85-LEE
85567001\85567B07.DWG

0 1000' 2000'

GRAPHIC SCALE

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

1982 HISTORICAL AERIAL PHOTOGRAPH

BBL®
BLASLAND, BOUCK & LEE, INC.
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FIGURE
B-3

LEGEND:

—·—·— BOUNDARIES OF FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. HISTORICAL AERIAL MAPS OBTAINED FROM ENVIRONMENTAL DATA RESOURCES.
3. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

1993 HISTORICAL AERIAL PHOTOGRAPH

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P: PAGESET/PLT-AP
03/03/06 CAR-85-LEE
85567001\85567B06.DWG

0 1000' 2000'
GRAPHIC SCALE

BBL®
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engineers, scientists, economists

FIGURE
B-4

Appendix C

Historical Topographical Maps

BBL®
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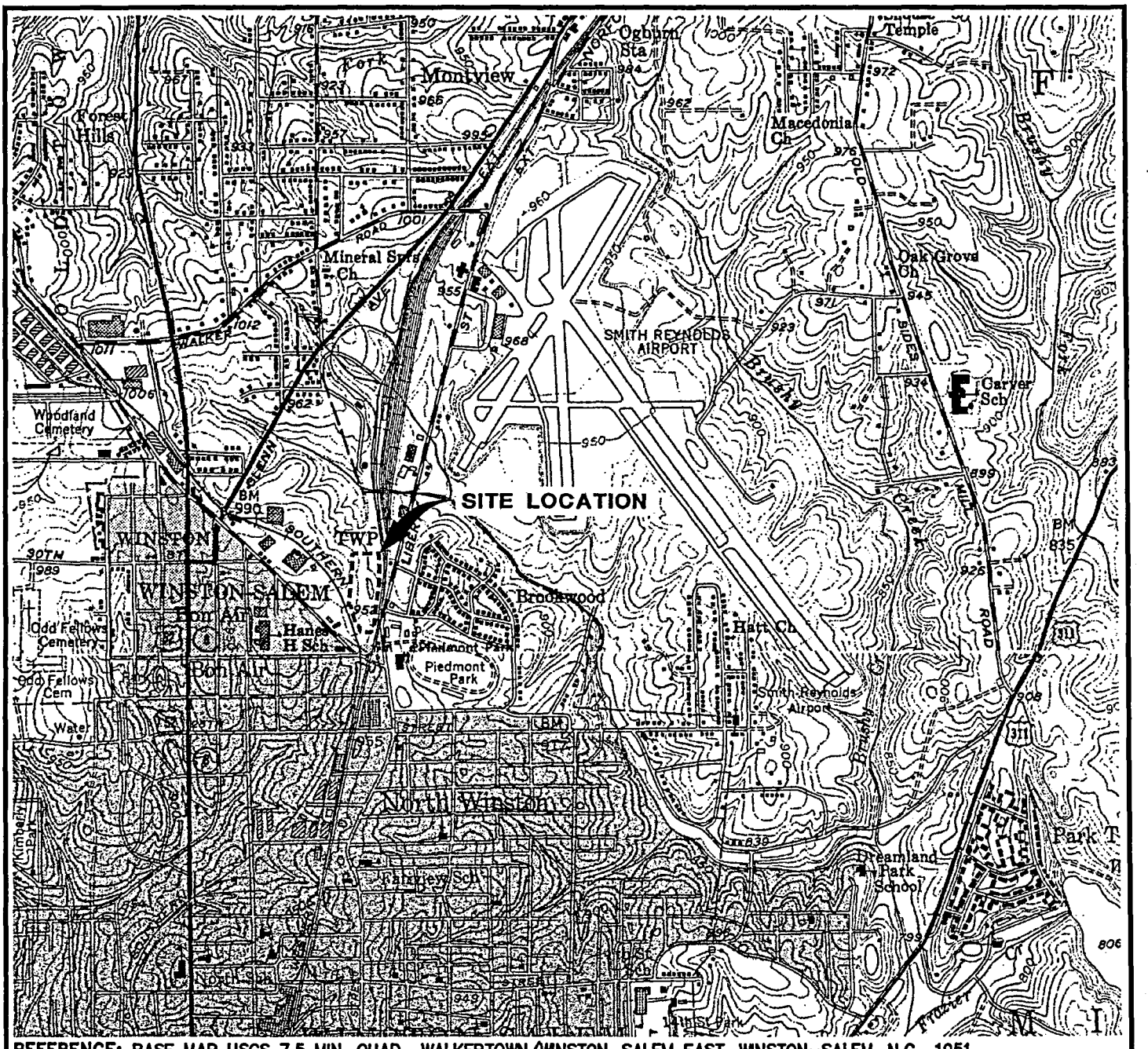

REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., WALKERTOWN/WINSTON-SALEM EAST, WINSTON-SALEM, N.C., 1951

NOTE:

1. HISTORICAL TOPOGRAPHIC MAPS OBTAINED FROM UNITED STATES GEOLOGICAL SURVEY.
2. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

LEGEND:

----- APPROXIMATE LOCATION OF FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)

AREA LOCATION

0 2000' 4000'

APPROXIMATE GRAPHIC SCALE

X: 85567X05, X06.TIF; 85567X00.DWG
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P: PAGESET/PLT-AP1
03/30/06 CAR-BS-LEE
85567001\85567B02.DWG

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

1951 HISTORICAL TOPOGRAPHIC MAP

BBL
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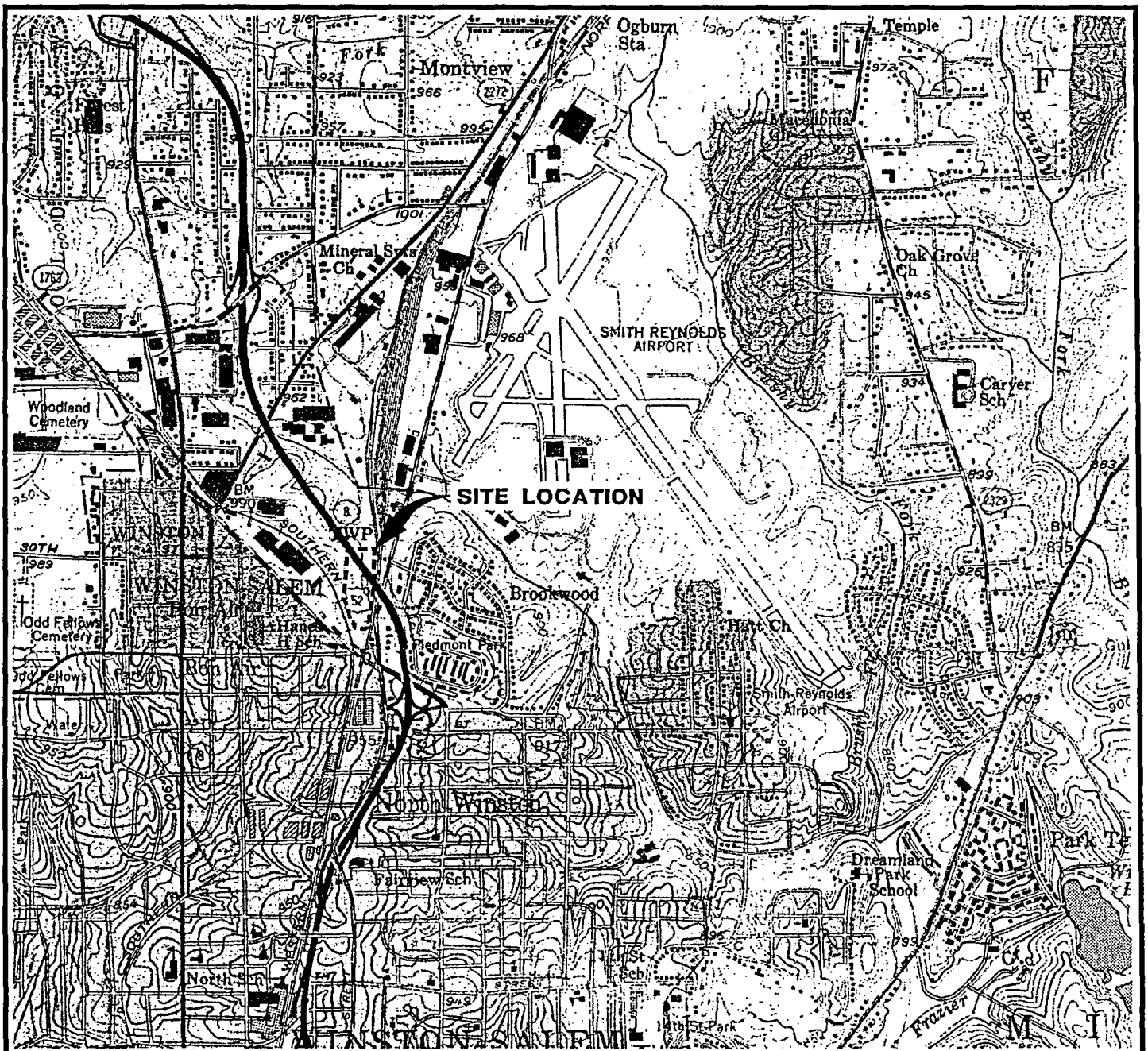
FIGURE
C-1



REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., WALKERTOWN/WINSTON-SALEM EAST, WINSTON-SALEM, N.C., 1951 PHOTOREVISED 1971

NOTE:

1. HISTORICAL TOPOGRAPHIC MAPS OBTAINED FROM UNITED STATES GEOLOGICAL SURVEY.
2. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

LEGEND:

- - - - - APPROXIMATE LOCATION OF FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)

AREA LOCATION

0 2000' 4000

APPROXIMATE GRAPHIC SCALE

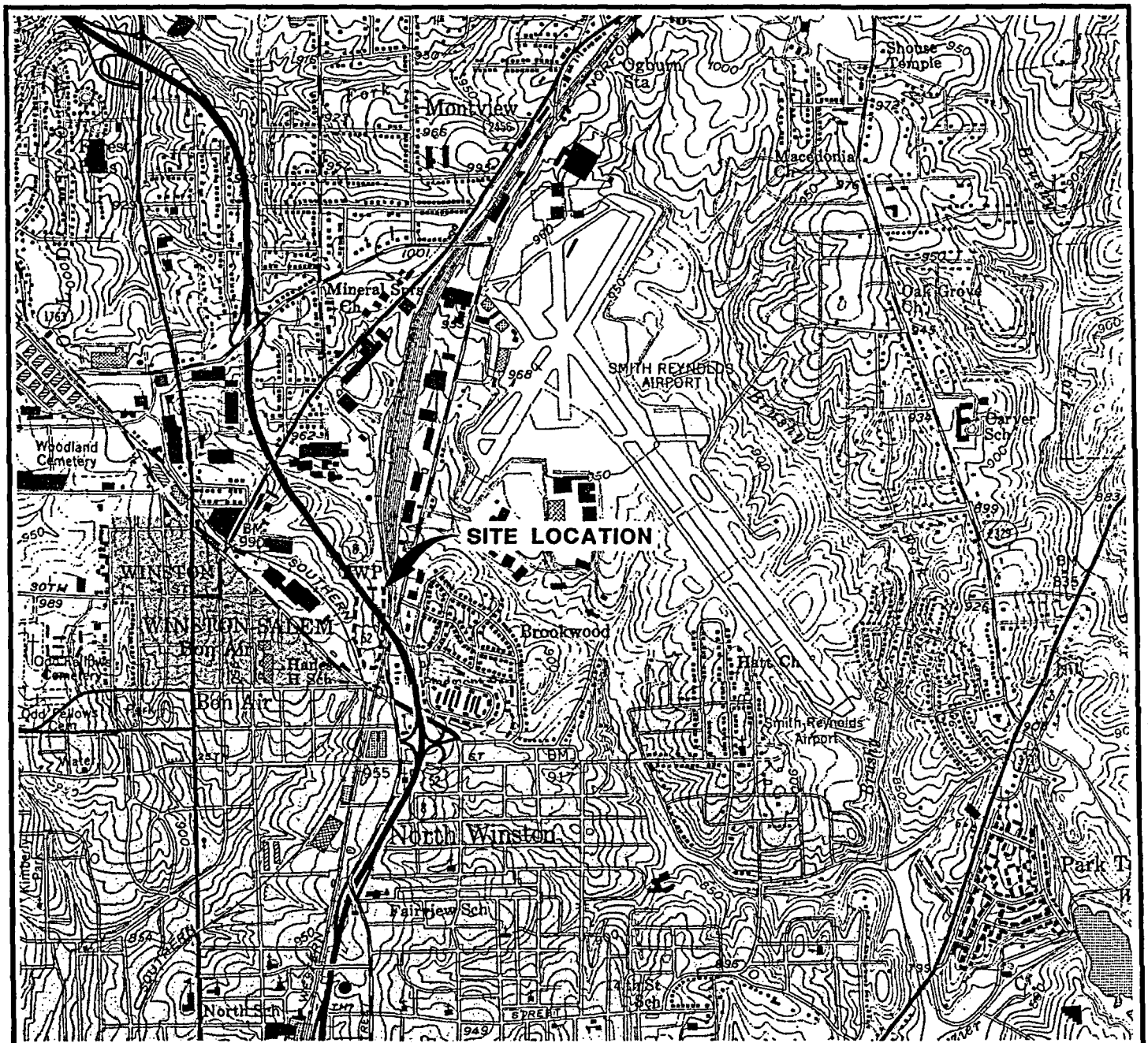
X: 85567X07, X08.TIF; 85567XX00.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-AP1
03/03/06 CAR-85-LEE
85567001\85567B03.DWG

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

1971 HISTORICAL TOPOGRAPHIC MAP

BBL
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

FIGURE
C-2



REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., WALKERTOWN/WINSTON-SALEM EAST, WINSTON-SALEM, N.C., 1951 PHOTOREVISED 1986/1987

NOTE:

1. HISTORICAL TOPOGRAPHIC MAPS OBTAINED FROM UNITED STATES GEOLOGICAL SURVEY.
2. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

LEGEND:

----- APPROXIMATE LOCATION OF FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)

AREA LOCATION

0 2000' 4000

APPROXIMATE GRAPHIC SCALE

X: 85567X09, 85567X10.TIF; 85567X00.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-AP1
03/03/06 CAR-85-LEE
85567001\85567B04.DWG

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

1986 & 1987 HISTORICAL TOPOGRAPHIC MAP

BBL
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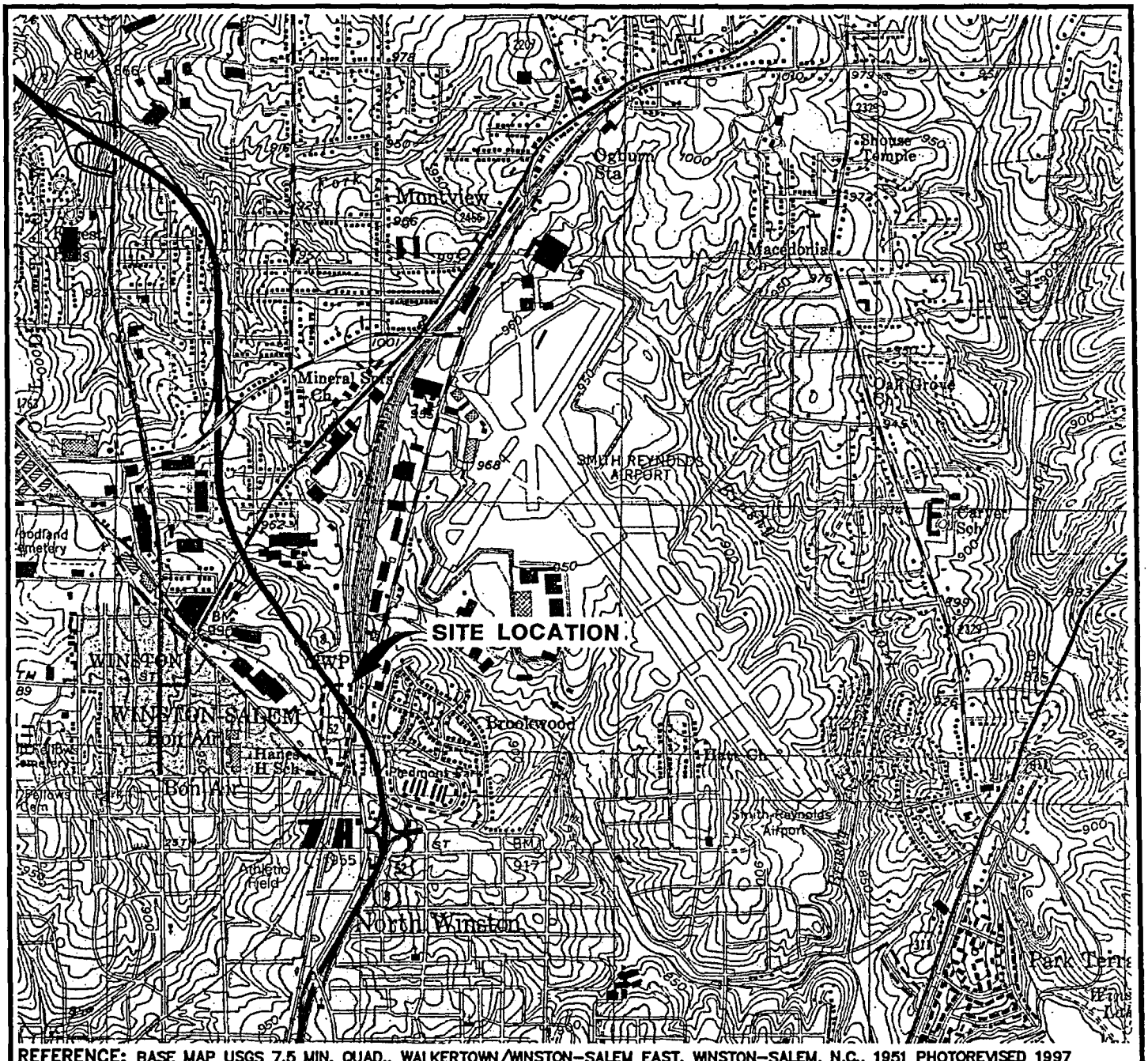
engineers, scientists, economists

FIGURE
C-3



REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., WALKERTOWN/WINSTON-SALEM EAST, WINSTON-SALEM, N.C., 1951 PHOTOREVISED 1997

NOTE:

1. HISTORICAL TOPOGRAPHIC MAPS OBTAINED FROM UNITED STATES GEOLOGICAL SURVEY.
2. BASED ON AVAILABLE CHAIN-OF-TITLE INFORMATION, IT IS ESTIMATED THAT VCC-2 OWNED CLOSE TO 180 ACRES OF PROPERTY IN FORSYTH COUNTY. THE ONLY PORTION OF THIS PROPERTY WHOSE LOCATION COULD NOT BE READILY ASCERTAINED AND MAPPED (WITH A DEGREE OF CERTAINITY) WAS THE "FIRST LOT OF THE ORIGINAL PLACE". THE FORMER VCC-2 PLANT FENCE LINE APPROXIMATES THE BOUNDARY OF THE FIRST LOT OF THE ORIGINAL PLACE.

LEGEND:

- - - - - APPROXIMATE LOCATION OF FORMER VCC-2 PLANT FENCE LINE (APPROXIMATE BOUNDARIES OF THE FIRST LOT OF THE ORIGINAL PLACE)

AREA LOCATION

0 2000' 4000'

APPROXIMATE GRAPHIC SCALE

X: 85567X11, 85567X12.TIF; 85567X00.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-AP1
03/03/08 CAR-85-LEE
85567001\85567B05.DWG

EXXONMOBIL
VCC-2 WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA
PROPERTY REPORT

1997 HISTORICAL TOPOGRAPHIC MAP

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FIGURE
C-4

Appendix D – Chain-of-Title Abstracts on CD-ROM

Appendix E – EDR Radius Map with Geocheck© on CD-ROM

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Appendix F

Site Visit Photographs

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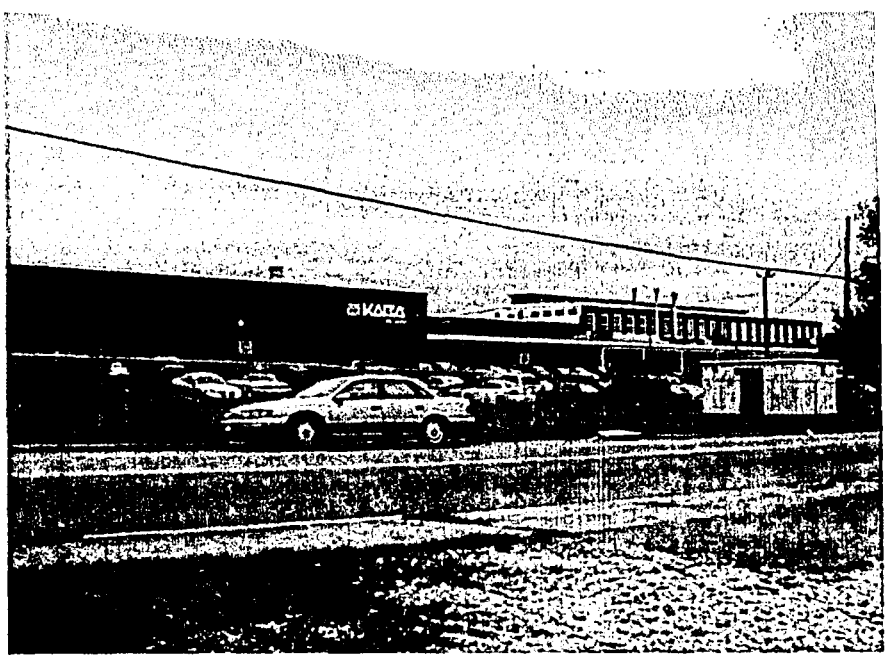
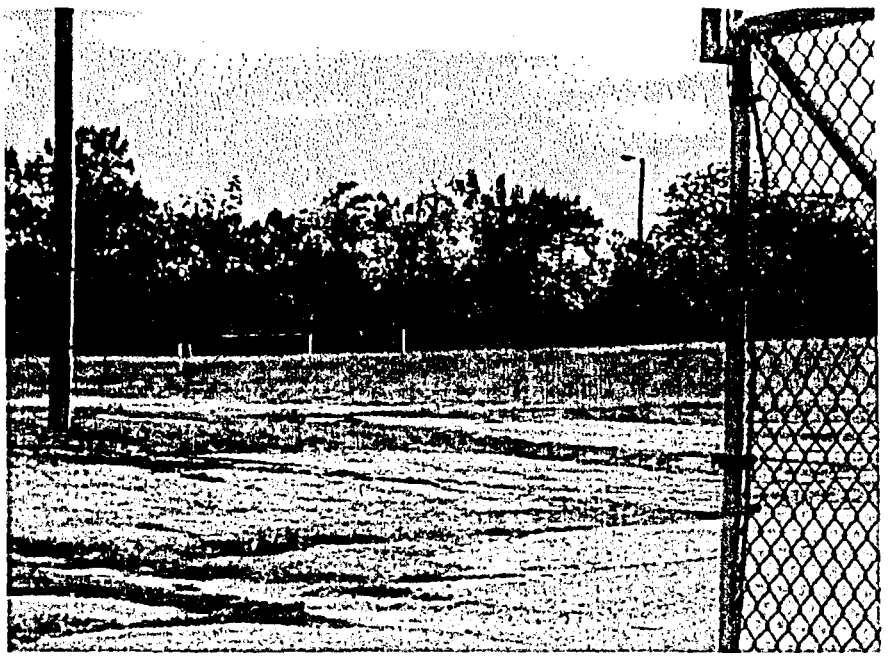
Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC

Photograph 1: View looking northeast from Hanes Lowrence Middle School, looking at the northwest end of the KABA ILCO facility.



Photograph 2: View looking northeast from Hanes Lowrence Middle School, looking at the KABA ILCO facility.

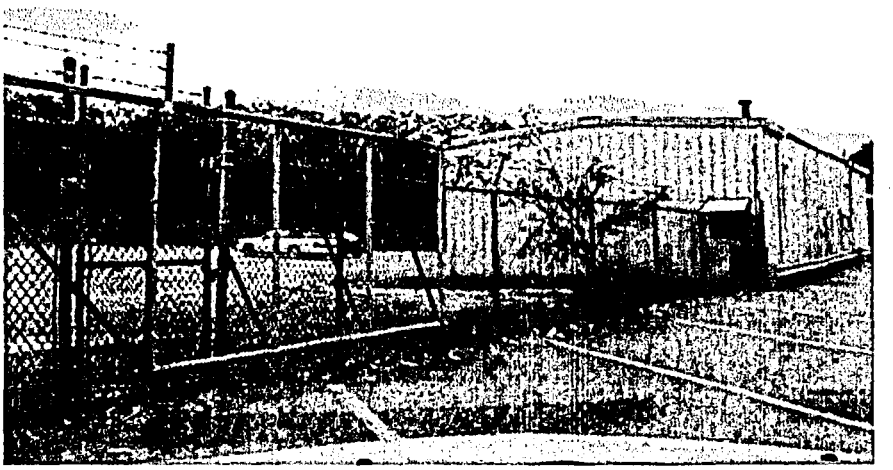
Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC



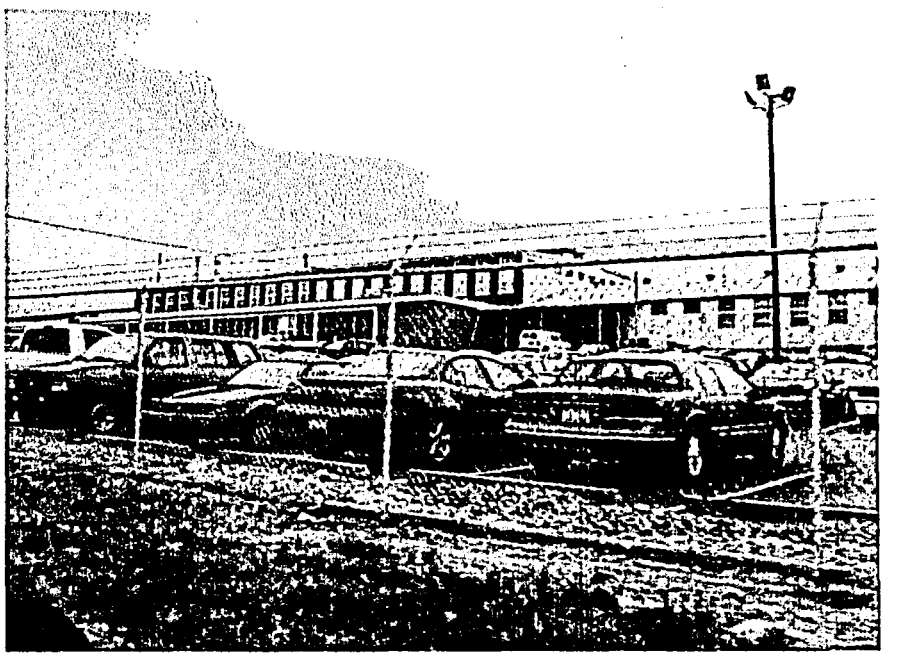
Photograph 3: View looking north from Indiana Avenue, looking at 55-gallon steel drums and groundwater monitoring wells on NCDOT Site No. 54 near the intersection of Indiana Avenue and Farmall Street.

Photograph 4: View looking northeast from Indiana Avenue, looking at 55-gallon steel drums on the NCDOT Site No. 54 near the intersection of Indiana Avenue and Farmall Street.

Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC

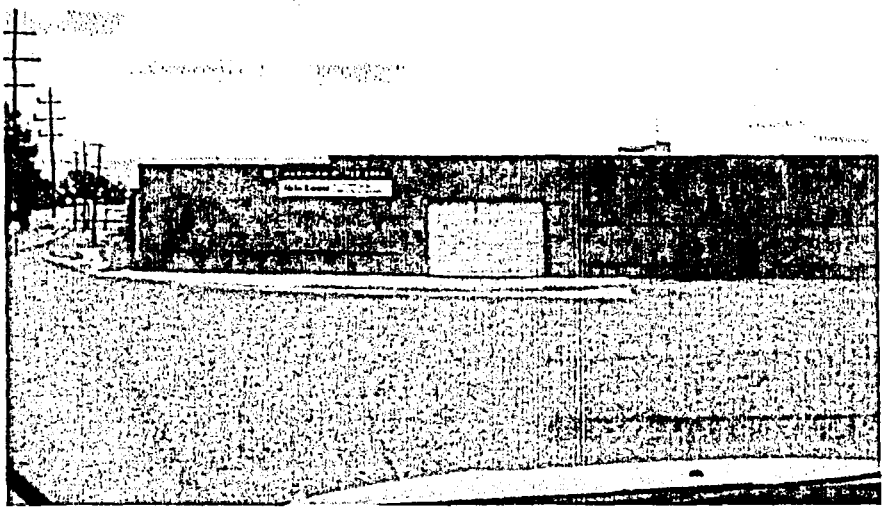


Photograph 5: View looking northeast from parking area along Indiana Avenue, looking at security fencing and vacant, unidentified building near the intersection of Indiana Avenue and Farmall Street (NCDOT Site No. 54).

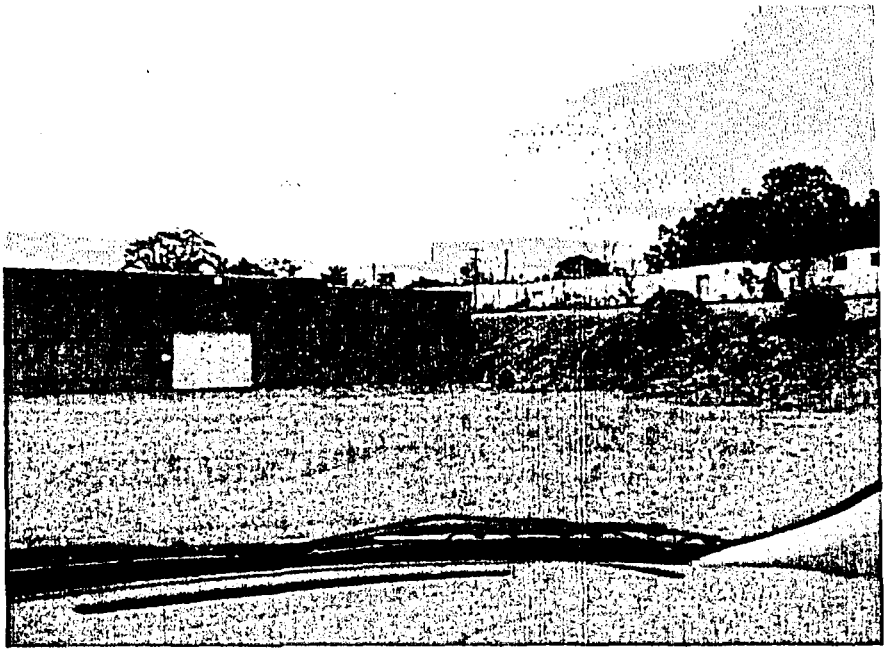


Photograph 6: View looking north from Indiana Avenue, looking at the south end of the KABA facility.

Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC

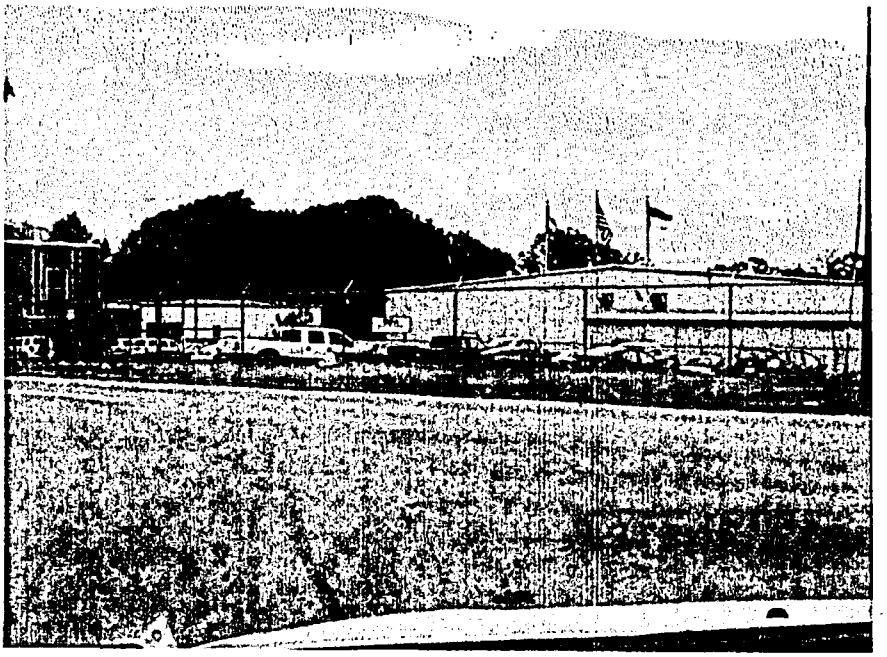


Photograph 7: View looking southeast from parking area along Patterson Avenue near the intersection with Indiana Avenue, looking at a vacant warehouse building.

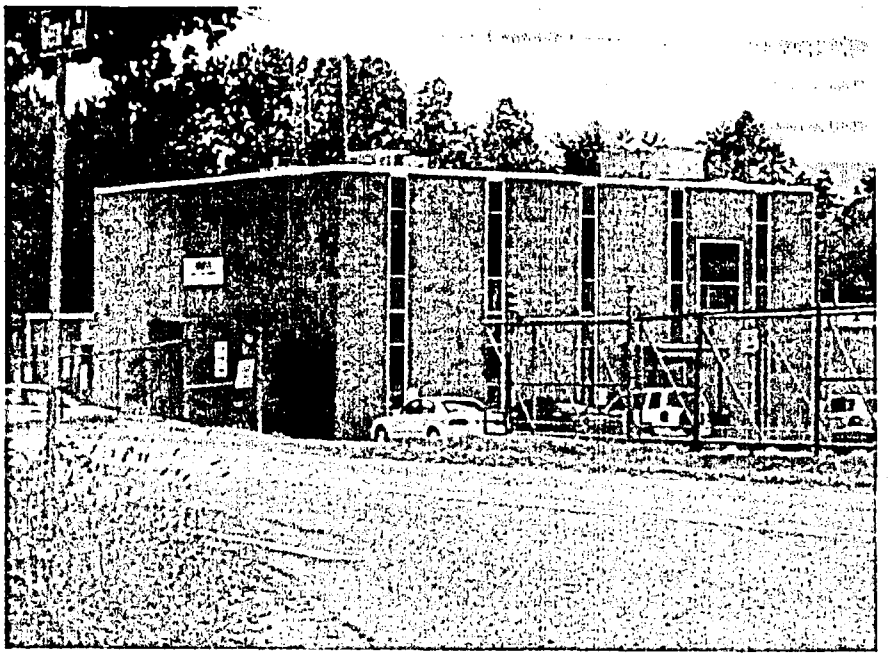


Photograph 8: View looking south from parking area along Patterson Avenue near the intersection with Indiana Avenue, looking at a vacant warehouse building and rear side of strip mall along Indiana Avenue.

Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC

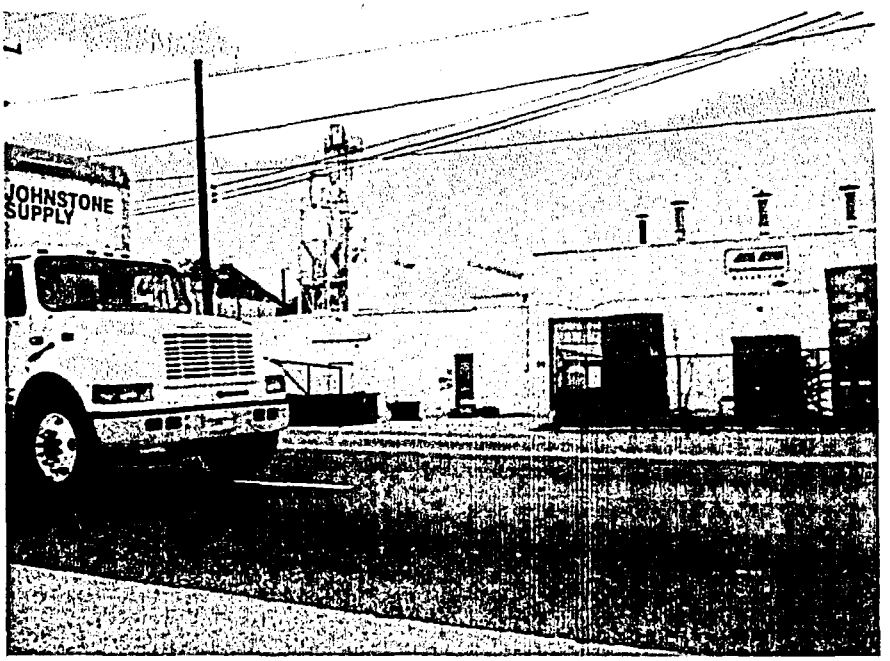


Photograph 9: View looking east from the intersection of Glenn Avenue and 32nd Street, looking at the Waste Management, Inc. facility.

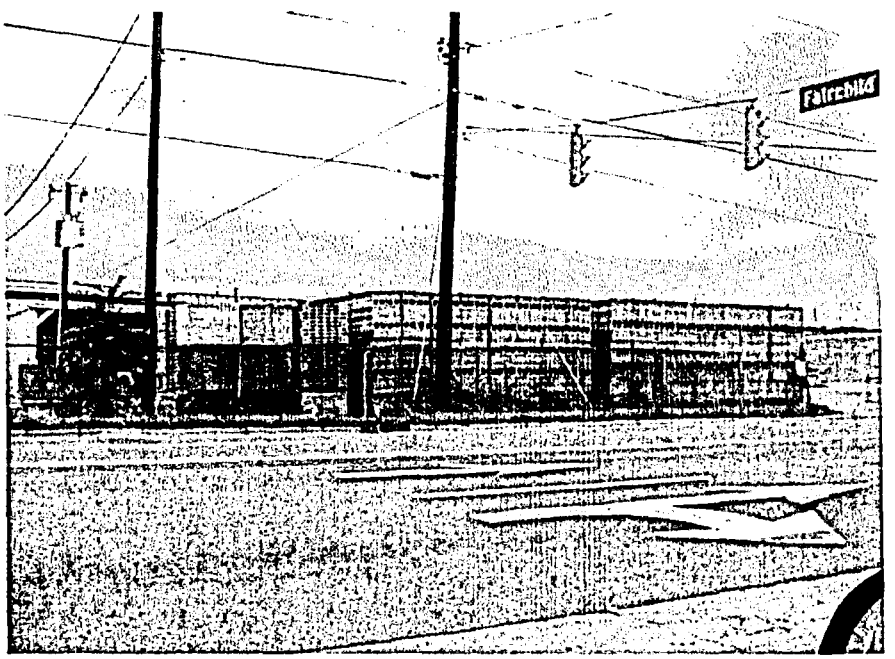


Photograph 10: View looking northeast from the intersection of Glenn Avenue and 32nd Street, looking at an office building at the Waste Management, Inc. facility.

Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC

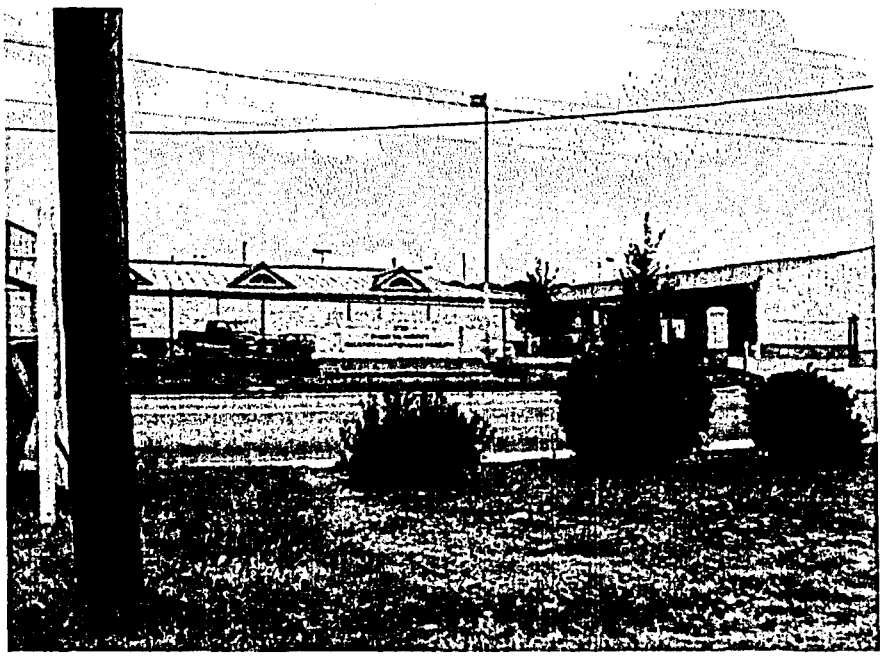


Photograph 11: View looking west from Liberty Street, looking at the Metromont Materials, Inc. facility.

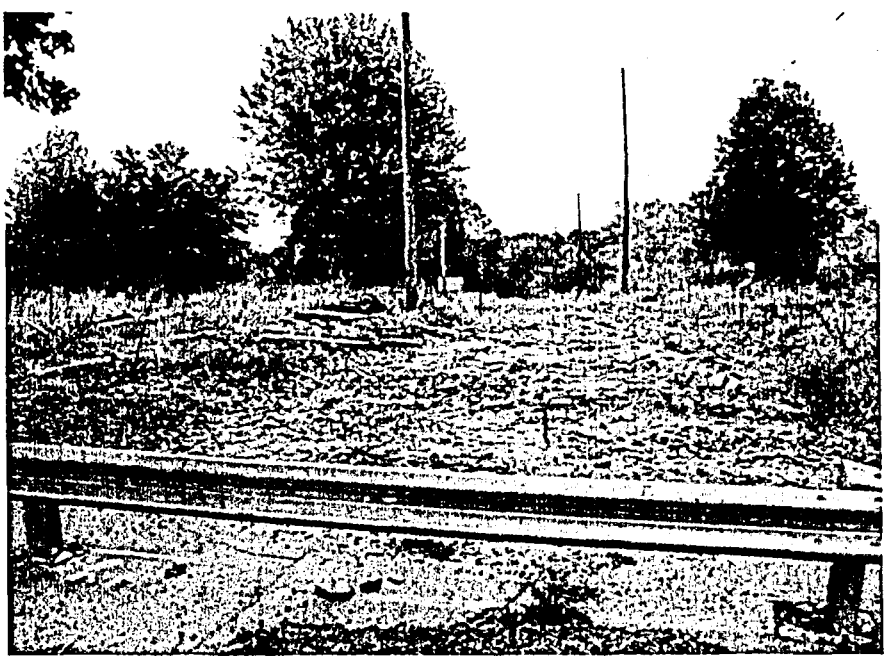


Photograph 12: View looking west from the intersection of Liberty Street and Fairchild Road, looking at a concrete block storage area adjacent to Metromont Materials, Inc. facility.

Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC

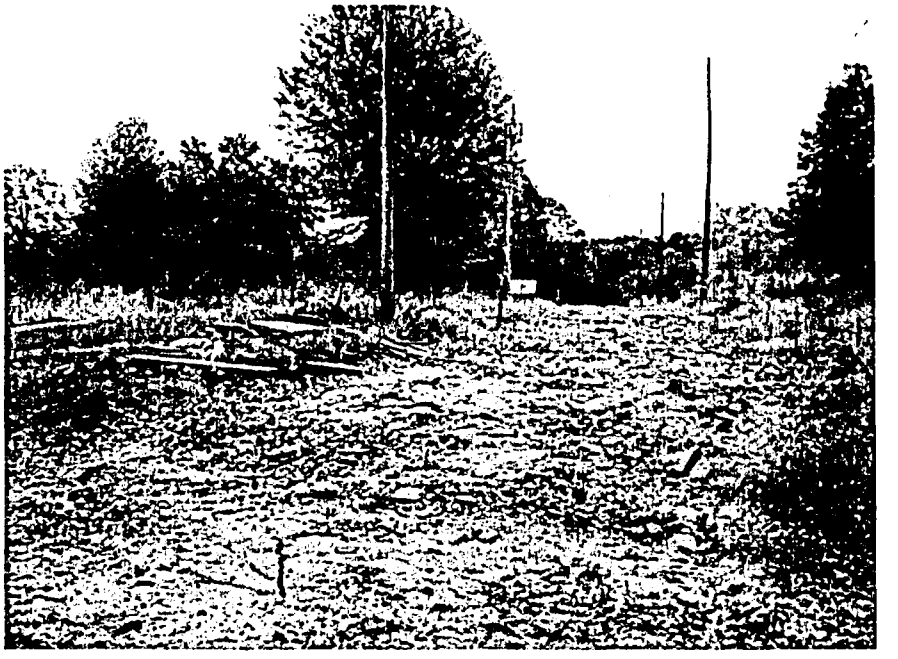


Photograph 13: View looking west from Liberty Street, looking at the Forsyth County Grounds Maintenance facility.



Photograph 14: View looking east from end of 30th Street, looking at razed roadway and former residential area.

Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC



Photograph 15: View looking east from end of 30th Street, looking at a razed roadway and former residential area.

Photograph 16: View looking east from Ivy Avenue, looking at Hanes Lowrence Middle School.

Appendix F
Site Visit Photographs
Former VCC-2 Site in Winston-Salem, NC

Photograph 17: View looking north along Ivy Avenue, looking at the Ivy Apartments west of Hanes Lowrence Middle School.

Results for Semivolatiles
by GCMS 8270

RECEIVED
FEB 07 2006
SUPERFUND SECTION

Client Sample ID: P11GP11-18
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-2I
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:50
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 81.83

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	386	1	8/16/2005
Acenaphthylene	BQL	386	1	8/16/2005
Anthracene	BQL	386	1	8/16/2005
Benzo[a]anthracene	BQL	386	1	8/16/2005
Benzo[a]pyrene	BQL	386	1	8/16/2005
Benzo[b]fluoranthene	BQL	386	1	8/16/2005
Benzo[g,h,i]perylene	BQL	386	1	8/16/2005
Benzo[k]fluoranthene	BQL	386	1	8/16/2005
Benzoic Acid	BQL	773	1	8/16/2005
Bis(2-chloroethoxy)methane	BQL	386	1	8/16/2005
Bis(2-chloroethyl)ether	BQL	386	1	8/16/2005
Bis(2-chloroisopropyl)ether	BQL	386	1	8/16/2005
Bis(2-ethylhexyl)phthalate	BQL	386	1	8/16/2005
4-bromophenyl phenyl ether	BQL	386	1	8/16/2005
Butylbenzylphthalate	BQL	386	1	8/16/2005
2-Chloronaphthalene	BQL	386	1	8/16/2005
2-Chlorophenol	BQL	386	1	8/16/2005
4-Chloro-3-methylphenol	BQL	386	1	8/16/2005
4-Chloroaniline	BQL	1930	1	8/16/2005
4-Chlorophenyl phenyl ether	BQL	386	1	8/16/2005
Chrysene	BQL	386	1	8/16/2005
Dibenzo[a,h]anthracene	BQL	386	1	8/16/2005
Dibenzofuran	BQL	386	1	8/16/2005
Di-n-Butylphthalate	BQL	386	1	8/16/2005
1,2-Dichlorobenzene	BQL	386	1	8/16/2005
1,3-Dichlorobenzene	BQL	386	1	8/16/2005
1,4-Dichlorobenzene	BQL	386	1	8/16/2005
3,3'-Dichlorobenzidine	BQL	773	1	8/16/2005
2,4-Dichlorophenol	BQL	386	1	8/16/2005
Diethylphthalate	BQL	386	1	8/16/2005
Dimethylphthalate	BQL	386	1	8/16/2005
2,4-Dimethylphenol	BQL	386	1	8/16/2005
Di-n-octylphthalate	BQL	386	1	8/16/2005
4,6-Dinitro-2-methylphenol	BQL	1930	1	8/16/2005
2,4-Dinitrophenol	BQL	1930	1	8/16/2005
2,4-Dinitrotoluene	BQL	386	1	8/16/2005
2,6-Dinitrotoluene	BQL	386	1	8/16/2005
Diphenylamine *	BQL	386	1	8/16/2005
Fluoranthene	BQL	386	1	8/16/2005
Fluorene	BQL	386	1	8/16/2005
Hexachlorobenzene	BQL	386	1	8/16/2005
Hexachlorobutadiene	BQL	386	1	8/16/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP10-9
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-1I
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:40
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 91.06

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	675	1	8/16/2005
Hexachloroethane	BQL	337	1	8/16/2005
Indeno(1,2,3-c,d)pyrene	BQL	337	1	8/16/2005
Isophorone	BQL	337	1	8/16/2005
2-Methylnaphthalene	BQL	337	1	8/16/2005
2-Methylphenol	BQL	337	1	8/16/2005
3- & 4-Methylphenol	BQL	337	1	8/16/2005
Naphthalene	BQL	337	1	8/16/2005
2-Nitroaniline	BQL	337	1	8/16/2005
3-Nitroaniline	BQL	1690	1	8/16/2005
4-Nitroaniline	BQL	1690	1	8/16/2005
Nitrobenzene	BQL	337	1	8/16/2005
2-Nitrophenol	BQL	337	1	8/16/2005
4-Nitrophenol	BQL	1690	1	8/16/2005
N-Nitrosodi-n-propylamine	BQL	337	1	8/16/2005
Pentachlorophenol	BQL	1690	1	8/16/2005
Phenanthrene	BQL	337	1	8/16/2005
Phenol	BQL	337	1	8/16/2005
Pyrene	BQL	337	1	8/16/2005
1,2,4-Trichlorobenzene	BQL	337	1	8/16/2005
2,4,5-Trichlorophenol	BQL	337	1	8/16/2005
2,4,6-Trichlorophenol	BQL	337	1	8/16/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.8	98
2-Fluorophenol	10	9.3	93
Nitrobenzene-d5	10	9.4	94
Phenol-d6	10	9.7	97
2,4,6-Tribromophenol	10	9.3	93
4-Terphenyl-d14	10	10.5	105

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: RW

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP10-9
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-1I
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:40
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 91.06

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	337	1	8/16/2005
Acenaphthylene	BQL	337	1	8/16/2005
Anthracene	BQL	337	1	8/16/2005
Benzo[a]anthracene	BQL	337	1	8/16/2005
Benzo[a]pyrene	BQL	337	1	8/16/2005
Benzo[b]fluoranthene	BQL	337	1	8/16/2005
Benzo[g,h,i]perylene	BQL	337	1	8/16/2005
Benzo[k]fluoranthene	BQL	337	1	8/16/2005
Benzoic Acid	BQL	675	1	8/16/2005
Bis(2-chloroethoxy)methane	BQL	337	1	8/16/2005
Bis(2-chloroethyl)ether	BQL	337	1	8/16/2005
Bis(2-chloroisopropyl)ether	BQL	337	1	8/16/2005
Bis(2-ethylhexyl)phthalate	BQL	337	1	8/16/2005
4-bromophenyl phenyl ether	BQL	337	1	8/16/2005
Butylbenzylphthalate	BQL	337	1	8/16/2005
2-Chloronaphthalene	BQL	337	1	8/16/2005
2-Chlorophenol	BQL	337	1	8/16/2005
4-Chloro-3-methylphenol	BQL	337	1	8/16/2005
4-Chloroaniline	BQL	1690	1	8/16/2005
4-Chlorophenyl phenyl ether	BQL	337	1	8/16/2005
Chrysene	BQL	337	1	8/16/2005
Dibenzo[a,h]anthracene	BQL	337	1	8/16/2005
Dibenzofuran	BQL	337	1	8/16/2005
Di-n-Butylphthalate	BQL	337	1	8/16/2005
1,2-Dichlorobenzene	BQL	337	1	8/16/2005
1,3-Dichlorobenzene	BQL	337	1	8/16/2005
1,4-Dichlorobenzene	BQL	337	1	8/16/2005
3,3'-Dichlorobenzidine	BQL	675	1	8/16/2005
2,4-Dichlorophenol	BQL	337	1	8/16/2005
Diethylphthalate	BQL	337	1	8/16/2005
Dimethylphthalate	BQL	337	1	8/16/2005
2,4-Dimethylphenol	BQL	337	1	8/16/2005
Di-n-octylphthalate	BQL	337	1	8/16/2005
4,6-Dinitro-2-methylphenol	BQL	1690	1	8/16/2005
2,4-Dinitrophenol	BQL	1690	1	8/16/2005
2,4-Dinitrotoluene	BQL	337	1	8/16/2005
2,6-Dinitrotoluene	BQL	337	1	8/16/2005
Diphenylamine *	BQL	337	1	8/16/2005
Fluoranthene	BQL	337	1	8/16/2005
Fluorene	BQL	337	1	8/16/2005
Hexachlorobenzene	BQL	337	1	8/16/2005
Hexachlorobutadiene	BQL	337	1	8/16/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP12-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-3B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 17:15
Date Received: 8/10/05
Matrix: Soil
%Solids: 87.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	7.23	1	8/16/05
Iodomethane	BQL	7.23	1	8/16/05
Isopropylbenzene	BQL	7.23	1	8/16/05
4-Isopropyltoluene	BQL	7.23	1	8/16/05
Methylene chloride	BQL	28.9	1	8/16/05
4-Methyl-2-pentanone	BQL	7.23	1	8/16/05
Methyl-tert-butyl ether (MTBE)	BQL	7.23	1	8/16/05
Naphthalene	BQL	7.23	1	8/16/05
n-Propyl benzene	BQL	7.23	1	8/16/05
Styrene	BQL	7.23	1	8/16/05
1,1,1,2-Tetrachloroethane	BQL	7.23	1	8/16/05
1,1,2,2-Tetrachloroethane	BQL	7.23	1	8/16/05
Tetrachloroethene	BQL	7.23	1	8/16/05
Toluene	BQL	7.23	1	8/16/05
1,2,3-Trichlorobenzene	BQL	7.23	1	8/16/05
1,2,4-Trichlorobenzene	BQL	7.23	1	8/16/05
Trichloroethene	BQL	7.23	1	8/16/05
1,1,1-Trichloroethane	BQL	7.23	1	8/16/05
1,1,2-Trichloroethane	BQL	7.23	1	8/16/05
Trichlorofluoromethane	BQL	7.23	1	8/16/05
1,2,3-Trichloropropane	BQL	7.23	1	8/16/05
1,2,4-Trimethylbenzene	BQL	7.23	1	8/16/05
1,3,5-Trimethylbenzene	BQL	7.23	1	8/16/05
Vinyl chloride	BQL	7.23	1	8/16/05
m-,p-Xylene	BQL	14.5	1	8/16/05
o-Xylene	BQL	7.23	1	8/16/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	61.2	122
1,2-Dichloroethane-d4	50	59.4	119
Toluene-d8	50	53.8	108

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP12-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-3B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 17:15
Date Received: 8/10/05
Matrix: Soil
%Solids: 87.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	72.3	1	8/16/05
Benzene	BQL	7.23	1	8/16/05
Bromobenzene	BQL	7.23	1	8/16/05
Bromochloromethane	BQL	7.23	1	8/16/05
Bromodichloromethane	BQL	7.23	1	8/16/05
Bromoform	BQL	7.23	1	8/16/05
Bromomethane	BQL	7.23	1	8/16/05
2-Butanone	BQL	36.1	1	8/16/05
n-Butylbenzene	BQL	7.23	1	8/16/05
sec-Butylbenzene	BQL	7.23	1	8/16/05
tert-Butylbenzene	BQL	7.23	1	8/16/05
Carbon disulfide	BQL	7.23	1	8/16/05
Carbon tetrachloride	BQL	7.23	1	8/16/05
Chlorobenzene	BQL	7.23	1	8/16/05
Chloroethane	BQL	7.23	1	8/16/05
Chloroform	BQL	7.23	1	8/16/05
Chloromethane	BQL	7.23	1	8/16/05
2-Chlorotoluene	BQL	7.23	1	8/16/05
4-Chlorotoluene	BQL	7.23	1	8/16/05
Dibromochloromethane	BQL	7.23	1	8/16/05
1,2-Dibromo-3-chloropropane	BQL	7.23	1	8/16/05
Dibromomethane	BQL	7.23	1	8/16/05
1,2-Dibromoethane (EDB)	BQL	7.23	1	8/16/05
1,2-Dichlorobenzene	BQL	7.23	1	8/16/05
1,3-Dichlorobenzene	BQL	7.23	1	8/16/05
1,4-Dichlorobenzene	BQL	7.23	1	8/16/05
trans-1,4-Dichloro-2-butene	BQL	7.23	1	8/16/05
1,1-Dichloroethane	BQL	7.23	1	8/16/05
1,1-Dichloroethene	BQL	7.23	1	8/16/05
1,2-Dichloroethane	BQL	7.23	1	8/16/05
cis-1,2-Dichloroethene	BQL	7.23	1	8/16/05
trans-1,2-dichloroethene	BQL	7.23	1	8/16/05
1,2-Dichloropropane	BQL	7.23	1	8/16/05
1,3-Dichloropropane	BQL	7.23	1	8/16/05
2,2-Dichloropropane	BQL	7.23	1	8/16/05
1,1-Dichloropropene	BQL	7.23	1	8/16/05
cis-1,3-Dichloropropene	BQL	7.23	1	8/16/05
trans-1,3-Dichloropropene	BQL	7.23	1	8/16/05
Dichlorodifluoromethane	BQL	7.23	1	8/16/05
Diisopropyl ether (DIPE)	BQL	7.23	1	8/16/05
Ethylbenzene	BQL	7.23	1	8/16/05
Hexachlorobutadiene	BQL	7.23	1	8/16/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP11-18
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-2B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:50
Date Received: 8/10/05
Matrix: Soil
%Solids: 81.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	6.71	1	8/16/05
Iodomethane	BQL	6.71	1	8/16/05
Isopropylbenzene	BQL	6.71	1	8/16/05
4-Isopropyltoluene	BQL	6.71	1	8/16/05
Methylene chloride	BQL	26.9	1	8/16/05
4-Methyl-2-pentanone	BQL	6.71	1	8/16/05
Methyl-tert-butyl ether (MTBE)	BQL	6.71	1	8/16/05
Naphthalene	BQL	6.71	1	8/16/05
n-Propyl benzene	BQL	6.71	1	8/16/05
Styrene	BQL	6.71	1	8/16/05
1,1,1,2-Tetrachloroethane	BQL	6.71	1	8/16/05
1,1,2,2-Tetrachloroethane	BQL	6.71	1	8/16/05
Tetrachloroethene	BQL	6.71	1	8/16/05
Toluene	BQL	6.71	1	8/16/05
1,2,3-Trichlorobenzene	BQL	6.71	1	8/16/05
1,2,4-Trichlorobenzene	BQL	6.71	1	8/16/05
Trichloroethene	BQL	6.71	1	8/16/05
1,1,1-Trichloroethane	BQL	6.71	1	8/16/05
1,1,2-Trichloroethane	BQL	6.71	1	8/16/05
Trichlorofluoromethane	BQL	6.71	1	8/16/05
1,2,3-Trichloropropane	BQL	6.71	1	8/16/05
1,2,4-Trimethylbenzene	BQL	6.71	1	8/16/05
1,3,5-Trimethylbenzene	BQL	6.71	1	8/16/05
Vinyl chloride	BQL	6.71	1	8/16/05
m-,p-Xylene	BQL	13.4	1	8/16/05
o-Xylene	BQL	6.71	1	8/16/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	55.6	111
1,2-Dichloroethane-d4	50	59.4	119
Toluene-d8	50	51.4	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: JTF

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP11-18
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-2B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:50
Date Received: 8/10/05
Matrix: Soil
%Solids: 81.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	67.1	1	8/16/05
Benzene	BQL	6.71	1	8/16/05
Bromobenzene	BQL	6.71	1	8/16/05
Bromochloromethane	BQL	6.71	1	8/16/05
Bromodichloromethane	BQL	6.71	1	8/16/05
Bromoform	BQL	6.71	1	8/16/05
Bromomethane	BQL	6.71	1	8/16/05
2-Butanone	BQL	33.6	1	8/16/05
n-Butylbenzene	BQL	6.71	1	8/16/05
sec-Butylbenzene	BQL	6.71	1	8/16/05
tert-Butylbenzene	BQL	6.71	1	8/16/05
Carbon disulfide	BQL	6.71	1	8/16/05
Carbon tetrachloride	BQL	6.71	1	8/16/05
Chlorobenzene	BQL	6.71	1	8/16/05
Chloroethane	BQL	6.71	1	8/16/05
Chloroform	BQL	6.71	1	8/16/05
Chloromethane	BQL	6.71	1	8/16/05
2-Chlorotoluene	BQL	6.71	1	8/16/05
4-Chlorotoluene	BQL	6.71	1	8/16/05
Dibromochloromethane	BQL	6.71	1	8/16/05
1,2-Dibromo-3-chloropropane	BQL	6.71	1	8/16/05
Dibromomethane	BQL	6.71	1	8/16/05
1,2-Dibromoethane (EDB)	BQL	6.71	1	8/16/05
1,2-Dichlorobenzene	BQL	6.71	1	8/16/05
1,3-Dichlorobenzene	BQL	6.71	1	8/16/05
1,4-Dichlorobenzene	BQL	6.71	1	8/16/05
trans-1,4-Dichloro-2-butene	BQL	6.71	1	8/16/05
1,1-Dichloroethane	BQL	6.71	1	8/16/05
1,1-Dichloroethene	BQL	6.71	1	8/16/05
1,2-Dichloroethane	BQL	6.71	1	8/16/05
cis-1,2-Dichloroethene	BQL	6.71	1	8/16/05
trans-1,2-dichloroethene	BQL	6.71	1	8/16/05
1,2-Dichloropropane	BQL	6.71	1	8/16/05
1,3-Dichloropropane	BQL	6.71	1	8/16/05
2,2-Dichloropropane	BQL	6.71	1	8/16/05
1,1-Dichloropropene	BQL	6.71	1	8/16/05
cis-1,3-Dichloropropene	BQL	6.71	1	8/16/05
trans-1,3-Dichloropropene	BQL	6.71	1	8/16/05
Dichlorodifluoromethane	BQL	6.71	1	8/16/05
Diisopropyl ether (DIPE)	BQL	6.71	1	8/16/05
Ethylbenzene	BQL	6.71	1	8/16/05
Hexachlorobutadiene	BQL	6.71	1	8/16/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP10-9
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-1B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:40
Date Received: 8/10/05
Matrix: Soil
%Solids: 91.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.51	1	8/16/05
Iodomethane	BQL	5.51	1	8/16/05
Isopropylbenzene	BQL	5.51	1	8/16/05
4-Isopropyltoluene	BQL	5.51	1	8/16/05
Methylene chloride	BQL	22.1	1	8/16/05
4-Methyl-2-pentanone	BQL	5.51	1	8/16/05
Methyl-tert-butyl ether (MTBE)	BQL	5.51	1	8/16/05
Naphthalene	BQL	5.51	1	8/16/05
n-Propyl benzene	BQL	5.51	1	8/16/05
Styrene	BQL	5.51	1	8/16/05
1,1,1,2-Tetrachloroethane	BQL	5.51	1	8/16/05
1,1,2,2-Tetrachloroethane	BQL	5.51	1	8/16/05
Tetrachloroethene	BQL	5.51	1	8/16/05
Toluene	BQL	5.51	1	8/16/05
1,2,3-Trichlorobenzene	BQL	5.51	1	8/16/05
1,2,4-Trichlorobenzene	BQL	5.51	1	8/16/05
Trichloroethene	BQL	5.51	1	8/16/05
1,1,1-Trichloroethane	BQL	5.51	1	8/16/05
1,1,2-Trichloroethane	BQL	5.51	1	8/16/05
Trichlorofluoromethane	BQL	5.51	1	8/16/05
1,2,3-Trichloropropane	BQL	5.51	1	8/16/05
1,2,4-Trimethylbenzene	BQL	5.51	1	8/16/05
1,3,5-Trimethylbenzene	BQL	5.51	1	8/16/05
Vinyl chloride	BQL	5.51	1	8/16/05
m-,p-Xylene	BQL	11.0	1	8/16/05
o-Xylene	BQL	5.51	1	8/16/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	54.9	110
1,2-Dichloroethane-d4	50	57.3	115
Toluene-d8	50	51.8	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP10-9
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-1B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:40
Date Received: 8/10/05
Matrix: Soil
%Solids: 91.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	55.1	1	8/16/05
Benzene	BQL	5.51	1	8/16/05
Bromobenzene	BQL	5.51	1	8/16/05
Bromochloromethane	BQL	5.51	1	8/16/05
Bromodichloromethane	BQL	5.51	1	8/16/05
Bromoform	BQL	5.51	1	8/16/05
Bromomethane	BQL	5.51	1	8/16/05
2-Butanone	BQL	27.6	1	8/16/05
n-Butylbenzene	BQL	5.51	1	8/16/05
sec-Butylbenzene	BQL	5.51	1	8/16/05
tert-Butylbenzene	BQL	5.51	1	8/16/05
Carbon disulfide	BQL	5.51	1	8/16/05
Carbon tetrachloride	BQL	5.51	1	8/16/05
Chlorobenzene	BQL	5.51	1	8/16/05
Chloroethane	BQL	5.51	1	8/16/05
Chloroform	BQL	5.51	1	8/16/05
Chloromethane	BQL	5.51	1	8/16/05
2-Chlorotoluene	BQL	5.51	1	8/16/05
4-Chlorotoluene	BQL	5.51	1	8/16/05
Dibromochloromethane	BQL	5.51	1	8/16/05
1,2-Dibromo-3-chloropropane	BQL	5.51	1	8/16/05
Dibromomethane	BQL	5.51	1	8/16/05
1,2-Dibromoethane (EDB)	BQL	5.51	1	8/16/05
1,2-Dichlorobenzene	BQL	5.51	1	8/16/05
1,3-Dichlorobenzene	BQL	5.51	1	8/16/05
1,4-Dichlorobenzene	BQL	5.51	1	8/16/05
trans-1,4-Dichloro-2-butene	BQL	5.51	1	8/16/05
1,1-Dichloroethane	BQL	5.51	1	8/16/05
1,1-Dichloroethene	BQL	5.51	1	8/16/05
1,2-Dichloroethane	BQL	5.51	1	8/16/05
cis-1,2-Dichloroethene	BQL	5.51	1	8/16/05
trans-1,2-dichloroethene	BQL	5.51	1	8/16/05
1,2-Dichloropropane	BQL	5.51	1	8/16/05
1,3-Dichloropropane	BQL	5.51	1	8/16/05
2,2-Dichloropropane	BQL	5.51	1	8/16/05
1,1-Dichloropropene	BQL	5.51	1	8/16/05
cis-1,3-Dichloropropene	BQL	5.51	1	8/16/05
trans-1,3-Dichloropropene	BQL	5.51	1	8/16/05
Dichlorodifluoromethane	BQL	5.51	1	8/16/05
Diisopropyl ether (DIPE)	BQL	5.51	1	8/16/05
Ethylbenzene	BQL	5.51	1	8/16/05
Hexachlorobutadiene	BQL	5.51	1	8/16/05

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-532
Client Project: Parcel ~~10~~ 11 Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

8/30/05
Date

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP # U-2826A WBS: 34871.1.1

COC# 48832

Page _____ of _____

Client: EI, INC.
Address: 201 GATEWAY CENTRE BLVD
Address: SUITE 200, MORRISVILLE, NC 27560
Quote #:

Project ID: PARCEL 11 - DOT FORSYTH
Contact:
Phone: 919-624-5569
Fax: 919-544-2199

Date: 8-10-05
Turnaround: STANDARD
Job Number:
P.O. Number:

Report To: DARREN LOCKHART
Invoice To: NCDOT (TIP # U-2826A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses: TPH 5030	TPH 3550	8260	8270	8 RCRA METALS						Comments: Please specify any special reporting requirements
																		G106-531
P11GP1-10	8-9-05	0948	SOIL					X	X									
P11GP2-16		1017						X	X									
P11GP3-15		1245								X	X	X						
P11GP4-20		1316								X	X	X						
P11GP5-15		1325								X	X	X						
P11GP6-15		1400						X	X									
P11GP7-9		1425								X	X	X						
P11GP8-9		1540								X	X	X						
P11GP9-15		1604								X	X	X						

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	8-10-05		[signature]	8/10/05	10:48	on ice
[signature]	8-10-05	1:30	[signature]	8/10/05	1645	on ice
						1.6, 2.3, 2.6°C

State Certification Requested: NC ✓ SC _____ Other _____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Metals

Client Sample ID:	P11GP9-15	Analyzed By:	PSW
Client Project ID:	Parcel 11-DOT Forsyth Tip#U-2826A	Date Collected:	8/9/2005 16:04
Lab Sample ID:	G106-531-9	Date Received:	8/10/2005
Lab Project ID:	G106-531	Matrix:	SOIL
Batch ID:	3533 3515	Solids	77.48
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	**2.00**	1.11	1	MG/KG	6010B	8/25/2005
Barium	BQL	11.1	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.11	1	MG/KG	6010B	8/25/2005
Chromium	**2.29**	1.11	1	MG/KG	6010B	8/25/2005
Lead	**34.9**	1.11	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0244	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.23	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.11	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P11GP8-9	Analyzed By:	PSW
Client Project ID:	Parcel 11-DOT Forsyth Tlp#U-2826A	Date Collected:	8/9/2005 15:40
Lab Sample ID:	G106-531-8	Date Received:	8/10/2005
Lab Project ID:	G106-531	Matrix:	SOIL
Batch ID:	3533 3515	Solids	82.56
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	**14.6**	1.10	1	MG/KG	6010B	8/25/2005
Barium	**144**	11.0	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.10	1	MG/KG	6010B	8/25/2005
Chromium	**12.4**	1.10	1	MG/KG	6010B	8/25/2005
Lead	**162**	1.10	1	MG/KG	6010B	8/25/2005
Mercury	**0.120**	0.0220	1	MG/KG	7471	8/29/2005
Selenium	**3.37**	2.20	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.10	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P11GP7-9	Analyzed By:	PSW
Client Project ID:	Parcel 11-DOT Forsyth Tip#U-2826A	Date Collected:	8/9/2005 14:25
Lab Sample ID:	G106-531-7	Date Received:	8/10/2005
Lab Project ID:	G106-531	Matrix:	SOIL
Batch ID:	3533 3515	Solids	75.71
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	4.55	1.27	1	MG/KG	6010B	8/25/2005
Barium	16.3	12.7	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.27	1	MG/KG	6010B	8/25/2005
Chromium	12.2	1.27	1	MG/KG	6010B	8/25/2005
Lead	30.2	1.27	1	MG/KG	6010B	8/25/2005
Mercury	0.0888	0.0262	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.54	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.27	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P11GP5-15	Analyzed By:	PSW
Client Project ID:	Parcel 11-DOT Forsyth Tip#U-2826A	Date Collected:	8/9/2005 13:25
Lab Sample ID:	G106-531-5	Date Received:	8/10/2005
Lab Project ID:	G106-531	Matrix:	SOIL
Batch ID:	3533 3515	Solids	88.01
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	**3.25**	0.963	1	MG/KG	6010B	8/25/2005
Barium	**24.2**	9.63	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	0.963	1	MG/KG	6010B	8/25/2005
Chromium	BQL	0.963	1	MG/KG	6010B	8/25/2005
Lead	**120**	0.963	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0207	1	MG/KG	7471	8/29/2005
Selenium	**2.08**	1.93	1	MG/KG	6010B	8/25/2005
Silver	BQL	0.963	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P11GP4-20	Analyzed By:	PSW
Client Project ID:	Parcel 11-DOT Forsyth Tip#U-2826A	Date Collected:	8/9/2005 13:16
Lab Sample ID:	G106-531-4	Date Received:	8/10/2005
Lab Project ID:	G106-531	Matrix:	SOIL
Batch ID:	3533 3515	Solids	74.76
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	**12.7**	1.29	1	MG/KG	6010B	8/25/2005
Barium	**87.9**	12.9	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.29	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.29	1	MG/KG	6010B	8/25/2005
Lead	**12.3**	1.29	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0268	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.57	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.29	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID:	P11GP3-15	Analyzed By:	PSW
Client Project ID:	Parcel 11-DOT Forsyth Tip#U-2826A	Date Collected:	8/9/2005 12:45
Lab Sample ID:	G106-531-3	Date Received:	8/10/2005
Lab Project ID:	G106-531	Matrix:	SOIL
Batch ID:	3533 3515	Solids	86.37
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	5.62	1.16	1	MG/KG	6010B	8/25/2005
Barium	45.4	11.6	1	MG/KG	6010B	8/25/2005
Cadmium	1.76	1.16	1	MG/KG	6010B	8/25/2005
Chromium	13.3	1.16	1	MG/KG	6010B	8/25/2005
Lead	137	1.16	1	MG/KG	6010B	8/25/2005
Mercury	0.123	0.0227	1	MG/KG	7471	8/29/2005
Selenium	3.51	2.32	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.16	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: BNP
MET_LIMS_3.3

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GP6-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-6
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/9/05 14:00
Date Received: 8/10/05
Matrix: Soil
Solids 79.32

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.06	5035	1	08/17/05
Diesel Range Organics	BQL	7.61	3545	1	08/16/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GP2-16
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-2
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/9/05 10:17
Date Received: 8/10/05
Matrix: Soil
Solids 81.02

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.55	5035	1	08/19/05
Diesel Range Organics	BQL	7.69	3545	1	08/16/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID:	P11GP1-10	Analyzed By:	DCS
Client Project ID:	Parcel 11-DOT Forsyth Tip#U-2826A	Date Collected:	8/9/05 9:48
Lab Sample ID:	G106-531-1	Date Received:	8/10/05
Lab Project ID:	G106-531	Matrix:	Soil
Report Basis:	Dry Weight	Solids	80.61

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.77	5035	1	08/19/05
Diesel Range Organics	BQL	7.57	3545	1	08/16/05

Comments:

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP9-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-9J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:04
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 77.48

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	803	1	8/17/2005
Hexachloroethane	BQL	401	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	401	1	8/17/2005
Isophorone	BQL	401	1	8/17/2005
2-Methylnaphthalene	BQL	401	1	8/17/2005
2-Methylphenol	BQL	401	1	8/17/2005
3- & 4-Methylphenol	BQL	401	1	8/17/2005
Naphthalene	BQL	401	1	8/17/2005
2-Nitroaniline	BQL	401	1	8/17/2005
3-Nitroaniline	BQL	2010	1	8/17/2005
4-Nitroaniline	BQL	2010	1	8/17/2005
Nitrobenzene	BQL	401	1	8/17/2005
2-Nitrophenol	BQL	401	1	8/17/2005
4-Nitrophenol	BQL	2010	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	401	1	8/17/2005
Pentachlorophenol	BQL	2010	1	8/17/2005
Phenanthrene	BQL	401	1	8/17/2005
Phenol	BQL	401	1	8/17/2005
Pyrene	BQL	401	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	401	1	8/17/2005
2,4,5-Trichlorophenol	BQL	401	1	8/17/2005
2,4,6-Trichlorophenol	BQL	401	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.1	111
2-Fluorophenol	10	10.8	108
Nitrobenzene-d5	10	10.9	109
Phenol-d6	10	11.1	111
2,4,6-Tribromophenol	10	10.6	106
4-Terphenyl-d14	10	11.2	112

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP9-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-9J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:04
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 77.48

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	401	1	8/17/2005
Acenaphthylene	BQL	401	1	8/17/2005
Anthracene	BQL	401	1	8/17/2005
Benzo[a]anthracene	BQL	401	1	8/17/2005
Benzo[a]pyrene	BQL	401	1	8/17/2005
Benzo[b]fluoranthene	BQL	401	1	8/17/2005
Benzo[g,h,i]perylene	BQL	401	1	8/17/2005
Benzo[k]fluoranthene	BQL	401	1	8/17/2005
Benzoic Acid	BQL	803	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	401	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	401	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	401	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	401	1	8/17/2005
4-bromophenyl phenyl ether	BQL	401	1	8/17/2005
Butylbenzylphthalate	BQL	401	1	8/17/2005
2-Chloronaphthalene	BQL	401	1	8/17/2005
2-Chlorophenol	BQL	401	1	8/17/2005
4-Chloro-3-methylphenol	BQL	401	1	8/17/2005
4-Chloroaniline	BQL	2010	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	401	1	8/17/2005
Chrysene	BQL	401	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	401	1	8/17/2005
Dibenzofuran	BQL	401	1	8/17/2005
Di-n-Butylphthalate	BQL	401	1	8/17/2005
1,2-Dichlorobenzene	BQL	401	1	8/17/2005
1,3-Dichlorobenzene	BQL	401	1	8/17/2005
1,4-Dichlorobenzene	BQL	401	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	803	1	8/17/2005
2,4-Dichlorophenol	BQL	401	1	8/17/2005
Diethylphthalate	BQL	401	1	8/17/2005
Dimethylphthalate	BQL	401	1	8/17/2005
2,4-Dimethylphenol	BQL	401	1	8/17/2005
Di-n-octylphthalate	BQL	401	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	2010	1	8/17/2005
2,4-Dinitrophenol	BQL	2010	1	8/17/2005
2,4-Dinitrotoluene	BQL	401	1	8/17/2005
2,6-Dinitrotoluene	BQL	401	1	8/17/2005
Diphenylamine *	BQL	401	1	8/17/2005
Fluoranthene	BQL	401	1	8/17/2005
Fluorene	BQL	401	1	8/17/2005
Hexachlorobenzene	BQL	401	1	8/17/2005
Hexachlorobutadiene	BQL	401	1	8/17/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP8-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-8J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 15:40
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 82.56

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	731	1	8/17/2005
Hexachloroethane	BQL	365	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	365	1	8/17/2005
Isophorone	BQL	365	1	8/17/2005
2-Methylnaphthalene	BQL	365	1	8/17/2005
2-Methylphenol	BQL	365	1	8/17/2005
3- & 4-Methylphenol	BQL	365	1	8/17/2005
Naphthalene	BQL	365	1	8/17/2005
2-Nitroaniline	BQL	365	1	8/17/2005
3-Nitroaniline	BQL	1830	1	8/17/2005
4-Nitroaniline	BQL	1830	1	8/17/2005
Nitrobenzene	BQL	365	1	8/17/2005
2-Nitrophenol	BQL	365	1	8/17/2005
4-Nitrophenol	BQL	1830	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	365	1	8/17/2005
Pentachlorophenol	BQL	1830	1	8/17/2005
Phenanthrene	BQL	365	1	8/17/2005
Phenol	BQL	365	1	8/17/2005
Pyrene	BQL	365	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	365	1	8/17/2005
2,4,5-Trichlorophenol	BQL	365	1	8/17/2005
2,4,6-Trichlorophenol	BQL	365	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.3	103
2-Fluorophenol	10	11	110
Nitrobenzene-d5	10	10.8	108
Phenol-d6	10	11.2	112
2,4,6-Tribromophenol	10	10.3	103
4-Terphenyl-d14	10	11.6	116

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: BNS

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP8-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-8J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 15:40
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 82.56

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	365	1	8/17/2005
Acenaphthylene	BQL	365	1	8/17/2005
Anthracene	BQL	365	1	8/17/2005
Benzo[a]anthracene	BQL	365	1	8/17/2005
Benzo[a]pyrene	BQL	365	1	8/17/2005
Benzo[b]fluoranthene	BQL	365	1	8/17/2005
Benzo[g,h,i]perylene	BQL	365	1	8/17/2005
Benzo[k]fluoranthene	BQL	365	1	8/17/2005
Benzoic Acid	BQL	731	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	365	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	365	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	365	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	365	1	8/17/2005
4-bromophenyl phenyl ether	BQL	365	1	8/17/2005
Butylbenzylphthalate	BQL	365	1	8/17/2005
2-Chloronaphthalene	BQL	365	1	8/17/2005
2-Chlorophenol	BQL	365	1	8/17/2005
4-Chloro-3-methylphenol	BQL	365	1	8/17/2005
4-Chloroaniline	BQL	1830	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	365	1	8/17/2005
Chrysene	BQL	365	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	365	1	8/17/2005
Dibenzofuran	BQL	365	1	8/17/2005
Di-n-Butylphthalate	BQL	365	1	8/17/2005
1,2-Dichlorobenzene	BQL	365	1	8/17/2005
1,3-Dichlorobenzene	BQL	365	1	8/17/2005
1,4-Dichlorobenzene	BQL	365	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	731	1	8/17/2005
2,4-Dichlorophenol	BQL	365	1	8/17/2005
Diethylphthalate	BQL	365	1	8/17/2005
Dimethylphthalate	BQL	365	1	8/17/2005
2,4-Dimethylphenol	BQL	365	1	8/17/2005
Di-n-octylphthalate	BQL	365	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	1830	1	8/17/2005
2,4-Dinitrophenol	BQL	1830	1	8/17/2005
2,4-Dinitrotoluene	BQL	365	1	8/17/2005
2,6-Dinitrotoluene	BQL	365	1	8/17/2005
Diphenylamine *	BQL	365	1	8/17/2005
Fluoranthene	BQL	365	1	8/17/2005
Fluorene	BQL	365	1	8/17/2005
Hexachlorobenzene	BQL	365	1	8/17/2005
Hexachlorobutadiene	BQL	365	1	8/17/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP7-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-7J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 14:25
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 75.71

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	796	1	8/17/2005
Hexachloroethane	BQL	398	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	398	1	8/17/2005
Isophorone	BQL	398	1	8/17/2005
2-Methylnaphthalene	BQL	398	1	8/17/2005
2-Methylphenol	BQL	398	1	8/17/2005
3- & 4-Methylphenol	BQL	398	1	8/17/2005
Naphthalene	BQL	398	1	8/17/2005
2-Nitroaniline	BQL	398	1	8/17/2005
3-Nitroaniline	BQL	1990	1	8/17/2005
4-Nitroaniline	BQL	1990	1	8/17/2005
Nitrobenzene	BQL	398	1	8/17/2005
2-Nitrophenol	BQL	398	1	8/17/2005
4-Nitrophenol	BQL	1990	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	398	1	8/17/2005
Pentachlorophenol	BQL	1990	1	8/17/2005
Phenanthrene	BQL	398	1	8/17/2005
Phenol	BQL	398	1	8/17/2005
Pyrene	BQL	398	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	398	1	8/17/2005
2,4,5-Trichlorophenol	BQL	398	1	8/17/2005
2,4,6-Trichlorophenol	BQL	398	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.2	92
2-Fluorophenol	10	11	110
Nitrobenzene-d5	10	9.9	99
Phenol-d6	10	11.2	112
2,4,6-Tribromophenol	10	9.1	91
4-Terphenyl-d14	10	10.7	107

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP7-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-7J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 14:25
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 75.71

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	398	1	8/17/2005
Acenaphthylene	BQL	398	1	8/17/2005
Anthracene	BQL	398	1	8/17/2005
Benzo[a]anthracene	BQL	398	1	8/17/2005
Benzo[a]pyrene	BQL	398	1	8/17/2005
Benzo[b]fluoranthene	BQL	398	1	8/17/2005
Benzo[g,h,i]perylene	BQL	398	1	8/17/2005
Benzo[k]fluoranthene	BQL	398	1	8/17/2005
Benzoic Acid	BQL	796	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	398	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	398	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	398	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	398	1	8/17/2005
4-bromophenyl phenyl ether	BQL	398	1	8/17/2005
Butylbenzylphthalate	BQL	398	1	8/17/2005
2-Chloronaphthalene	BQL	398	1	8/17/2005
2-Chlorophenol	BQL	398	1	8/17/2005
4-Chloro-3-methylphenol	BQL	398	1	8/17/2005
4-Chloroaniline	BQL	1990	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	398	1	8/17/2005
Chrysene	BQL	398	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	398	1	8/17/2005
Dibenzofuran	BQL	398	1	8/17/2005
Di-n-Butylphthalate	BQL	398	1	8/17/2005
1,2-Dichlorobenzene	BQL	398	1	8/17/2005
1,3-Dichlorobenzene	BQL	398	1	8/17/2005
1,4-Dichlorobenzene	BQL	398	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	796	1	8/17/2005
2,4-Dichlorophenol	BQL	398	1	8/17/2005
Diethylphthalate	BQL	398	1	8/17/2005
Dimethylphthalate	BQL	398	1	8/17/2005
2,4-Dimethylphenol	BQL	398	1	8/17/2005
Di-n-octylphthalate	BQL	398	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	1990	1	8/17/2005
2,4-Dinitrophenol	BQL	1990	1	8/17/2005
2,4-Dinitrotoluene	BQL	398	1	8/17/2005
2,6-Dinitrotoluene	BQL	398	1	8/17/2005
Diphenylamine *	BQL	398	1	8/17/2005
Fluoranthene	BQL	398	1	8/17/2005
Fluorene	BQL	398	1	8/17/2005
Hexachlorobenzene	BQL	398	1	8/17/2005
Hexachlorobutadiene	BQL	398	1	8/17/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP5-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-5J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 13:25
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 88.01

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	680	1	8/17/2005
Hexachloroethane	BQL	340	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	340	1	8/17/2005
Isophorone	BQL	340	1	8/17/2005
2-Methylnaphthalene	BQL	340	1	8/17/2005
2-Methylphenol	BQL	340	1	8/17/2005
3- & 4-Methylphenol	BQL	340	1	8/17/2005
Naphthalene	BQL	340	1	8/17/2005
2-Nitroaniline	BQL	340	1	8/17/2005
3-Nitroaniline	BQL	1700	1	8/17/2005
4-Nitroaniline	BQL	1700	1	8/17/2005
Nitrobenzene	BQL	340	1	8/17/2005
2-Nitrophenol	BQL	340	1	8/17/2005
4-Nitrophenol	BQL	1700	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	340	1	8/17/2005
Pentachlorophenol	BQL	1700	1	8/17/2005
Phenanthrene	BQL	340	1	8/17/2005
Phenol	BQL	340	1	8/17/2005
Pyrene	BQL	340	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	340	1	8/17/2005
2,4,5-Trichlorophenol	BQL	340	1	8/17/2005
2,4,6-Trichlorophenol	BQL	340	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11	110
2-Fluorophenol	10	10.6	106
Nitrobenzene-d5	10	10.6	106
Phenol-d6	10	10.8	108
2,4,6-Tribromophenol	10	10.1	101
4-Terphenyl-d14	10	12.4	124

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP5-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-5J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 13:25
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 88.01

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	340	1	8/17/2005
Acenaphthylene	BQL	340	1	8/17/2005
Anthracene	BQL	340	1	8/17/2005
Benzo[a]anthracene	BQL	340	1	8/17/2005
Benzo[a]pyrene	BQL	340	1	8/17/2005
Benzo[b]fluoranthene	BQL	340	1	8/17/2005
Benzo[g,h,i]perylene	BQL	340	1	8/17/2005
Benzo[k]fluoranthene	BQL	340	1	8/17/2005
Benzoic Acid	BQL	680	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	340	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	340	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	340	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	340	1	8/17/2005
4-bromophenyl phenyl ether	BQL	340	1	8/17/2005
Butylbenzylphthalate	BQL	340	1	8/17/2005
2-Chloronaphthalene	BQL	340	1	8/17/2005
2-Chlorophenol	BQL	340	1	8/17/2005
4-Chloro-3-methylphenol	BQL	340	1	8/17/2005
4-Chloroaniline	BQL	1700	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	340	1	8/17/2005
Chrysene	BQL	340	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	340	1	8/17/2005
Dibenzofuran	BQL	340	1	8/17/2005
Di-n-Butylphthalate	BQL	340	1	8/17/2005
1,2-Dichlorobenzene	BQL	340	1	8/17/2005
1,3-Dichlorobenzene	BQL	340	1	8/17/2005
1,4-Dichlorobenzene	BQL	340	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	680	1	8/17/2005
2,4-Dichlorophenol	BQL	340	1	8/17/2005
Diethylphthalate	BQL	340	1	8/17/2005
Dimethylphthalate	BQL	340	1	8/17/2005
2,4-Dimethylphenol	BQL	340	1	8/17/2005
Di-n-octylphthalate	BQL	340	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	1700	1	8/17/2005
2,4-Dinitrophenol	BQL	1700	1	8/17/2005
2,4-Dinitrotoluene	BQL	340	1	8/17/2005
2,6-Dinitrotoluene	BQL	340	1	8/17/2005
Diphenylamine *	BQL	340	1	8/17/2005
Fluoranthene	BQL	340	1	8/17/2005
Fluorene	BQL	340	1	8/17/2005
Hexachlorobenzene	BQL	340	1	8/17/2005
Hexachlorobutadiene	BQL	340	1	8/17/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP4-20
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-4J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 13:16
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 74.76

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	804	1	8/17/2005
Hexachloroethane	BQL	402	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	402	1	8/17/2005
Isophorone	BQL	402	1	8/17/2005
2-Methylnaphthalene	BQL	402	1	8/17/2005
2-Methylphenol	BQL	402	1	8/17/2005
3- & 4-Methylphenol	BQL	402	1	8/17/2005
Naphthalene	BQL	402	1	8/17/2005
2-Nitroaniline	BQL	402	1	8/17/2005
3-Nitroaniline	BQL	2010	1	8/17/2005
4-Nitroaniline	BQL	2010	1	8/17/2005
Nitrobenzene	BQL	402	1	8/17/2005
2-Nitrophenol	BQL	402	1	8/17/2005
4-Nitrophenol	BQL	2010	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	402	1	8/17/2005
Pentachlorophenol	BQL	2010	1	8/17/2005
Phenanthrene	BQL	402	1	8/17/2005
Phenol	BQL	402	1	8/17/2005
Pyrene	BQL	402	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	402	1	8/17/2005
2,4,5-Trichlorophenol	BQL	402	1	8/17/2005
2,4,6-Trichlorophenol	BQL	402	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.5	85
2-Fluorophenol	10	10.6	106
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	11	110
2,4,6-Tribromophenol	10	8.7	87
4-Terphenyl-d14	10	9.9	99

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: [illegible]

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP4-20
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-4J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 13:16
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 74.76

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	402	1	8/17/2005
Acenaphthylene	BQL	402	1	8/17/2005
Anthracene	BQL	402	1	8/17/2005
Benzo[a]anthracene	BQL	402	1	8/17/2005
Benzo[a]pyrene	BQL	402	1	8/17/2005
Benzo[b]fluoranthene	BQL	402	1	8/17/2005
Benzo[g,h,i]perylene	BQL	402	1	8/17/2005
Benzo[k]fluoranthene	BQL	402	1	8/17/2005
Benzoic Acid	BQL	804	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	402	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	402	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	402	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	402	1	8/17/2005
4-bromophenyl phenyl ether	BQL	402	1	8/17/2005
Butylbenzylphthalate	BQL	402	1	8/17/2005
2-Chloronaphthalene	BQL	402	1	8/17/2005
2-Chlorophenol	BQL	402	1	8/17/2005
4-Chloro-3-methylphenol	BQL	402	1	8/17/2005
4-Chloroaniline	BQL	2010	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	402	1	8/17/2005
Chrysene	BQL	402	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	402	1	8/17/2005
Dibenzofuran	BQL	402	1	8/17/2005
Di-n-Butylphthalate	BQL	402	1	8/17/2005
1,2-Dichlorobenzene	BQL	402	1	8/17/2005
1,3-Dichlorobenzene	BQL	402	1	8/17/2005
1,4-Dichlorobenzene	BQL	402	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	804	1	8/17/2005
2,4-Dichlorophenol	BQL	402	1	8/17/2005
Diethylphthalate	BQL	402	1	8/17/2005
Dimethylphthalate	BQL	402	1	8/17/2005
2,4-Dimethylphenol	BQL	402	1	8/17/2005
Di-n-octylphthalate	BQL	402	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	2010	1	8/17/2005
2,4-Dinitrophenol	BQL	2010	1	8/17/2005
2,4-Dinitrotoluene	BQL	402	1	8/17/2005
2,6-Dinitrotoluene	BQL	402	1	8/17/2005
Diphenylamine *	BQL	402	1	8/17/2005
Fluoranthene	BQL	402	1	8/17/2005
Fluorene	BQL	402	1	8/17/2005
Hexachlorobenzene	BQL	402	1	8/17/2005
Hexachlorobutadiene	BQL	402	1	8/17/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP3-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-3I
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 12:45
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 86.37

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	723	1	8/17/2005
Hexachloroethane	BQL	362	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	362	1	8/17/2005
Isophorone	BQL	362	1	8/17/2005
2-Methylnaphthalene	BQL	362	1	8/17/2005
2-Methylphenol	BQL	362	1	8/17/2005
3- & 4-Methylphenol	BQL	362	1	8/17/2005
Naphthalene	BQL	362	1	8/17/2005
2-Nitroaniline	BQL	362	1	8/17/2005
3-Nitroaniline	BQL	1810	1	8/17/2005
4-Nitroaniline	BQL	1810	1	8/17/2005
Nitrobenzene	BQL	362	1	8/17/2005
2-Nitrophenol	BQL	362	1	8/17/2005
4-Nitrophenol	BQL	1810	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	362	1	8/17/2005
Pentachlorophenol	BQL	1810	1	8/17/2005
Phenanthrene	BQL	362	1	8/17/2005
Phenol	BQL	362	1	8/17/2005
Pyrene	BQL	362	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	362	1	8/17/2005
2,4,5-Trichlorophenol	BQL	362	1	8/17/2005
2,4,6-Trichlorophenol	BQL	362	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.5	105
2-Fluorophenol	10	10.5	105
Nitrobenzene-d5	10	10.5	105
Phenol-d6	10	10.5	105
2,4,6-Tribromophenol	10	9.8	98
4-Terphenyl-d14	10	10.7	106

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP3-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-3I
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 12:45
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 86.37

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	362	1	8/17/2005
Acenaphthylene	BQL	362	1	8/17/2005
Anthracene	BQL	362	1	8/17/2005
Benzo[a]anthracene	BQL	362	1	8/17/2005
Benzo[a]pyrene	BQL	362	1	8/17/2005
Benzo[b]fluoranthene	BQL	362	1	8/17/2005
Benzo[g,h,i]perylene	BQL	362	1	8/17/2005
Benzo[k]fluoranthene	BQL	362	1	8/17/2005
Benzoic Acid	BQL	723	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	362	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	362	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	362	1	8/17/2005
Bis(2-ethylhexyl)phthalate	1040	362	1	8/17/2005
4-bromophenyl phenyl ether	BQL	362	1	8/17/2005
Butylbenzylphthalate	BQL	362	1	8/17/2005
2-Chloronaphthalene	BQL	362	1	8/17/2005
2-Chlorophenol	BQL	362	1	8/17/2005
4-Chloro-3-methylphenol	BQL	362	1	8/17/2005
4-Chloroaniline	BQL	1810	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	362	1	8/17/2005
Chrysene	BQL	362	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	362	1	8/17/2005
Dibenzofuran	BQL	362	1	8/17/2005
Di-n-Butylphthalate	BQL	362	1	8/17/2005
1,2-Dichlorobenzene	BQL	362	1	8/17/2005
1,3-Dichlorobenzene	BQL	362	1	8/17/2005
1,4-Dichlorobenzene	BQL	362	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	723	1	8/17/2005
2,4-Dichlorophenol	BQL	362	1	8/17/2005
Diethylphthalate	BQL	362	1	8/17/2005
Dimethylphthalate	BQL	362	1	8/17/2005
2,4-Dimethylphenol	BQL	362	1	8/17/2005
Di-n-octylphthalate	BQL	362	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	1810	1	8/17/2005
2,4-Dinitrophenol	BQL	1810	1	8/17/2005
2,4-Dinitrotoluene	BQL	362	1	8/17/2005
2,6-Dinitrotoluene	BQL	362	1	8/17/2005
Diphenylamine *	BQL	362	1	8/17/2005
Fluoranthene	BQL	362	1	8/17/2005
Fluorene	BQL	362	1	8/17/2005
Hexachlorobenzene	BQL	362	1	8/17/2005
Hexachlorobutadiene	BQL	362	1	8/17/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP9-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-9D
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:04
Date Received: 8/10/2005
Matrix: Soil
%Solids: 77.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	7.66	1	8/15/2005
4-Isopropyltoluene	BQL	7.66	1	8/15/2005
Methylene chloride	BQL	30.7	1	8/15/2005
4-Methyl-2-pentanone	BQL	7.66	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	7.66	1	8/15/2005
Naphthalene	BQL	7.66	1	8/15/2005
n-Propyl benzene	BQL	7.66	1	8/15/2005
Styrene	BQL	7.66	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	7.66	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	7.66	1	8/15/2005
Tetrachloroethene	BQL	7.66	1	8/15/2005
Toluene	BQL	7.66	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	7.66	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	7.66	1	8/15/2005
Trichloroethene	BQL	7.66	1	8/15/2005
1,1,1-Trichloroethane	BQL	7.66	1	8/15/2005
1,1,2-Trichloroethane	BQL	7.66	1	8/15/2005
Trichlorofluoromethane	BQL	7.66	1	8/15/2005
1,2,3-Trichloropropane	BQL	7.66	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	7.66	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	7.66	1	8/15/2005
Vinyl chloride	BQL	7.66	1	8/15/2005
m-,p-Xylene	BQL	15.3	1	8/15/2005
o-Xylene	BQL	7.66	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	60.7	121
1,2-Dichloroethane-d4	50	44.6	89
Toluene-d8	50	49.9	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP9-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-9D
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:04
Date Received: 8/10/2005
Matrix: Soil
%Solids: 77.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	76.6	1	8/15/2005
Benzene	BQL	7.66	1	8/15/2005
Bromobenzene	BQL	7.66	1	8/15/2005
Bromochloromethane	BQL	7.66	1	8/15/2005
Bromodichloromethane	BQL	7.66	1	8/15/2005
Bromoform	BQL	7.66	1	8/15/2005
Bromomethane	BQL	7.66	1	8/15/2005
2-Butanone	BQL	38.3	1	8/15/2005
n-Butylbenzene	BQL	7.66	1	8/15/2005
sec-Butylbenzene	BQL	7.66	1	8/15/2005
tert-Butylbenzene	BQL	7.66	1	8/15/2005
Carbon disulfide	BQL	7.66	1	8/15/2005
Carbon tetrachloride	BQL	7.66	1	8/15/2005
Chlorobenzene	BQL	7.66	1	8/15/2005
Chloroethane	BQL	7.66	1	8/15/2005
Chloroform	BQL	7.66	1	8/15/2005
Chloromethane	BQL	7.66	1	8/15/2005
2-Chlorotoluene	BQL	7.66	1	8/15/2005
4-Chlorotoluene	BQL	7.66	1	8/15/2005
Dibromochloromethane	BQL	7.66	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	7.66	1	8/15/2005
Dibromomethane	BQL	7.66	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	7.66	1	8/15/2005
1,2-Dichlorobenzene	BQL	7.66	1	8/15/2005
1,3-Dichlorobenzene	BQL	7.66	1	8/15/2005
1,4-Dichlorobenzene	BQL	7.66	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	7.66	1	8/15/2005
1,1-Dichloroethane	BQL	7.66	1	8/15/2005
1,1-Dichloroethene	BQL	7.66	1	8/15/2005
1,2-Dichloroethane	BQL	7.66	1	8/15/2005
cis-1,2-Dichloroethene	BQL	7.66	1	8/15/2005
trans-1,2-dichloroethene	BQL	7.66	1	8/15/2005
1,2-Dichloropropane	BQL	7.66	1	8/15/2005
1,3-Dichloropropane	BQL	7.66	1	8/15/2005
2,2-Dichloropropane	BQL	7.66	1	8/15/2005
1,1-Dichloropropene	BQL	7.66	1	8/15/2005
cis-1,3-Dichloropropene	BQL	7.66	1	8/15/2005
trans-1,3-Dichloropropene	BQL	7.66	1	8/15/2005
Dichlorodifluoromethane	BQL	7.66	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	7.66	1	8/15/2005
Ethylbenzene	BQL	7.66	1	8/15/2005
Hexachlorobutadiene	BQL	7.66	1	8/15/2005
2-Hexanone	BQL	7.66	1	8/15/2005
Iodomethane	BQL	7.66	1	8/15/2005

Results for Volatiles
by GCMS 8260B/5035

Client Sample ID: P11GP8-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-8D
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 8/9/2005 15:40
Date Received: 8/10/2005
Matrix: Soil
%Solids: 82.6

Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	1240	168	40	8/18/2005	

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.56	96
1,2-Dichloroethane-d4	10	9.67	97
Toluene-d8	10	9.48	95

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: ev

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP8-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-8B
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 15:40
Date Received: 8/10/2005
Matrix: Soil
%Solids: 82.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	6.84	1	8/15/2005	
4-Isopropyltoluene	BQL	6.84	1	8/15/2005	
Methylene chloride	BQL	27.3	1	8/15/2005	
4-Methyl-2-pentanone	BQL	6.84	1	8/15/2005	
Methyl-tert-butyl ether (MTBE)	BQL	6.84	1	8/15/2005	
Naphthalene	BQL	6.84	1	8/15/2005	
n-Propyl benzene	BQL	6.84	1	8/15/2005	
Styrene	BQL	6.84	1	8/15/2005	
1,1,1,2-Tetrachloroethane	BQL	6.84	1	8/15/2005	
1,1,2,2-Tetrachloroethane	BQL	6.84	1	8/15/2005	
Tetrachloroethene	BQL	6.84	1	8/15/2005	
Toluene	BQL	6.84	1	8/15/2005	
1,2,3-Trichlorobenzene	BQL	6.84	1	8/15/2005	
1,2,4-Trichlorobenzene	BQL	6.84	1	8/15/2005	
Trichloroethene	BQL	6.84	1	8/15/2005	
1,1,1-Trichloroethane	BQL	6.84	1	8/15/2005	
1,1,2-Trichloroethane	BQL	6.84	1	8/15/2005	
Trichlorofluoromethane	BQL	6.84	1	8/15/2005	
1,2,3-Trichloropropane	BQL	6.84	1	8/15/2005	
1,2,4-Trimethylbenzene	BQL	6.84	1	8/15/2005	
1,3,5-Trimethylbenzene	BQL	6.84	1	8/15/2005	
Vinyl chloride	BQL	6.84	1	8/15/2005	
m-,p-Xylene	BQL	13.7	1	8/15/2005	
o-Xylene	BQL	6.84	1	8/15/2005	

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	38.9	78
1,2-Dichloroethane-d4	50	75.6	151
Toluene-d8	50	48.2	96

Comments:
Acetone concentration was confirmed by duplicate analysis.

Flags:
BQL = Below Quantitation Limits.
E = Exceeds instrument calibration range.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP8-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-8B
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 15:40
Date Received: 8/10/2005
Matrix: Soil
%Solids: 82.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	471	68.4	1	8/15/2005	E
Benzene	BQL	6.84	1	8/15/2005	
Bromobenzene	BQL	6.84	1	8/15/2005	
Bromochloromethane	BQL	6.84	1	8/15/2005	
Bromodichloromethane	BQL	6.84	1	8/15/2005	
Bromoform	BQL	6.84	1	8/15/2005	
Bromomethane	BQL	6.84	1	8/15/2005	
2-Butanone	129	34.2	1	8/15/2005	
n-Butylbenzene	BQL	6.84	1	8/15/2005	
sec-Butylbenzene	BQL	6.84	1	8/15/2005	
tert-Butylbenzene	BQL	6.84	1	8/15/2005	
Carbon disulfide	8.37	6.84	1	8/15/2005	
Carbon tetrachloride	BQL	6.84	1	8/15/2005	
Chlorobenzene	BQL	6.84	1	8/15/2005	
Chloroethane	BQL	6.84	1	8/15/2005	
Chloroform	BQL	6.84	1	8/15/2005	
Chloromethane	BQL	6.84	1	8/15/2005	
2-Chlorotoluene	BQL	6.84	1	8/15/2005	
4-Chlorotoluene	BQL	6.84	1	8/15/2005	
Dibromochloromethane	BQL	6.84	1	8/15/2005	
1,2-Dibromo-3-chloropropane	BQL	6.84	1	8/15/2005	
Dibromomethane	BQL	6.84	1	8/15/2005	
1,2-Dibromoethane (EDB)	BQL	6.84	1	8/15/2005	
1,2-Dichlorobenzene	BQL	6.84	1	8/15/2005	
1,3-Dichlorobenzene	BQL	6.84	1	8/15/2005	
1,4-Dichlorobenzene	BQL	6.84	1	8/15/2005	
trans-1,4-Dichloro-2-butene	BQL	6.84	1	8/15/2005	
1,1-Dichloroethane	BQL	6.84	1	8/15/2005	
1,1-Dichloroethene	BQL	6.84	1	8/15/2005	
1,2-Dichloroethane	BQL	6.84	1	8/15/2005	
cis-1,2-Dichloroethene	BQL	6.84	1	8/15/2005	
trans-1,2-dichloroethene	BQL	6.84	1	8/15/2005	
1,2-Dichloropropane	BQL	6.84	1	8/15/2005	
1,3-Dichloropropane	BQL	6.84	1	8/15/2005	
2,2-Dichloropropane	BQL	6.84	1	8/15/2005	
1,1-Dichloropropene	BQL	6.84	1	8/15/2005	
cis-1,3-Dichloropropene	BQL	6.84	1	8/15/2005	
trans-1,3-Dichloropropene	BQL	6.84	1	8/15/2005	
Dichlorodifluoromethane	BQL	6.84	1	8/15/2005	
Diisopropyl ether (DIPE)	BQL	6.84	1	8/15/2005	
Ethylbenzene	BQL	6.84	1	8/15/2005	
Hexachlorobutadiene	BQL	6.84	1	8/15/2005	
2-Hexanone	13.6	6.84	1	8/15/2005	
Iodomethane	BQL	6.84	1	8/15/2005	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP7-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-7C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 14:25
Date Received: 8/10/2005
Matrix: Soil
%Solids: 75.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	6.00	1	8/15/2005
4-Isopropyltoluene	BQL	6.00	1	8/15/2005
Methylene chloride	BQL	24.0	1	8/15/2005
4-Methyl-2-pentanone	BQL	6.00	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	6.00	1	8/15/2005
Naphthalene	BQL	6.00	1	8/15/2005
n-Propyl benzene	BQL	6.00	1	8/15/2005
Styrene	BQL	6.00	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	6.00	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	6.00	1	8/15/2005
Tetrachloroethene	BQL	6.00	1	8/15/2005
Toluene	BQL	6.00	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	6.00	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	6.00	1	8/15/2005
Trichloroethene	BQL	6.00	1	8/15/2005
1,1,1-Trichloroethane	BQL	6.00	1	8/15/2005
1,1,2-Trichloroethane	BQL	6.00	1	8/15/2005
Trichlorofluoromethane	BQL	6.00	1	8/15/2005
1,2,3-Trichloropropane	BQL	6.00	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	6.00	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	6.00	1	8/15/2005
Vinyl chloride	BQL	6.00	1	8/15/2005
m-,p-Xylene	BQL	12.0	1	8/15/2005
o-Xylene	BQL	6.00	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	53.9	108
1,2-Dichloroethane-d4	50	67.5	135
Toluene-d8	50	52.4	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: ___

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP7-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-7C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 14:25
Date Received: 8/10/2005
Matrix: Soil
%Solids: 75.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	60.0	1	8/15/2005
Benzene	BQL	6.00	1	8/15/2005
Bromobenzene	BQL	6.00	1	8/15/2005
Bromochloromethane	BQL	6.00	1	8/15/2005
Bromodichloromethane	BQL	6.00	1	8/15/2005
Bromoform	BQL	6.00	1	8/15/2005
Bromomethane	BQL	6.00	1	8/15/2005
2-Butanone	BQL	30.0	1	8/15/2005
n-Butylbenzene	BQL	6.00	1	8/15/2005
sec-Butylbenzene	BQL	6.00	1	8/15/2005
tert-Butylbenzene	BQL	6.00	1	8/15/2005
Carbon disulfide	BQL	6.00	1	8/15/2005
Carbon tetrachloride	BQL	6.00	1	8/15/2005
Chlorobenzene	BQL	6.00	1	8/15/2005
Chloroethane	BQL	6.00	1	8/15/2005
Chloroform	BQL	6.00	1	8/15/2005
Chloromethane	BQL	6.00	1	8/15/2005
2-Chlorotoluene	BQL	6.00	1	8/15/2005
4-Chlorotoluene	BQL	6.00	1	8/15/2005
Dibromochloromethane	BQL	6.00	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	6.00	1	8/15/2005
Dibromomethane	BQL	6.00	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	6.00	1	8/15/2005
1,2-Dichlorobenzene	BQL	6.00	1	8/15/2005
1,3-Dichlorobenzene	BQL	6.00	1	8/15/2005
1,4-Dichlorobenzene	BQL	6.00	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	6.00	1	8/15/2005
1,1-Dichloroethane	BQL	6.00	1	8/15/2005
1,1-Dichloroethene	BQL	6.00	1	8/15/2005
1,2-Dichloroethane	BQL	6.00	1	8/15/2005
cis-1,2-Dichloroethene	BQL	6.00	1	8/15/2005
trans-1,2-dichloroethene	BQL	6.00	1	8/15/2005
1,2-Dichloropropane	BQL	6.00	1	8/15/2005
1,3-Dichloropropane	BQL	6.00	1	8/15/2005
2,2-Dichloropropane	BQL	6.00	1	8/15/2005
1,1-Dichloropropene	BQL	6.00	1	8/15/2005
cis-1,3-Dichloropropene	BQL	6.00	1	8/15/2005
trans-1,3-Dichloropropene	BQL	6.00	1	8/15/2005
Dichlorodifluoromethane	BQL	6.00	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	6.00	1	8/15/2005
Ethylbenzene	BQL	6.00	1	8/15/2005
Hexachlorobutadiene	BQL	6.00	1	8/15/2005
2-Hexanone	BQL	6.00	1	8/15/2005
Iodomethane	BQL	6.00	1	8/15/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP5-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-5B
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 13:25
Date Received: 8/10/2005
Matrix: Soil
%Solids: 88.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.64	1	8/15/2005
4-Isopropyltoluene	BQL	5.64	1	8/15/2005
Methylene chloride	BQL	22.5	1	8/15/2005
4-Methyl-2-pentanone	BQL	5.64	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.64	1	8/15/2005
Naphthalene	BQL	5.64	1	8/15/2005
n-Propyl benzene	BQL	5.64	1	8/15/2005
Styrene	BQL	5.64	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	5.64	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	5.64	1	8/15/2005
Tetrachloroethene	BQL	5.64	1	8/15/2005
Toluene	BQL	5.64	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	5.64	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	5.64	1	8/15/2005
Trichloroethene	BQL	5.64	1	8/15/2005
1,1,1-Trichloroethane	BQL	5.64	1	8/15/2005
1,1,2-Trichloroethane	BQL	5.64	1	8/15/2005
Trichlorofluoromethane	BQL	5.64	1	8/15/2005
1,2,3-Trichloropropane	BQL	5.64	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	5.64	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	5.64	1	8/15/2005
Vinyl chloride	BQL	5.64	1	8/15/2005
m-,p-Xylene	BQL	11.3	1	8/15/2005
o-Xylene	BQL	5.64	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	70.7	141
1,2-Dichloroethane-d4	50	36.8	74
Toluene-d8	50	52.5	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: RNP

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP5-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-5B
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 13:25
Date Received: 8/10/2005
Matrix: Soil
%Solids: 88.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	56.4	1	8/15/2005
Benzene	BQL	5.64	1	8/15/2005
Bromobenzene	BQL	5.64	1	8/15/2005
Bromochloromethane	BQL	5.64	1	8/15/2005
Bromodichloromethane	BQL	5.64	1	8/15/2005
Bromoform	BQL	5.64	1	8/15/2005
Bromomethane	BQL	5.64	1	8/15/2005
2-Butanone	BQL	28.2	1	8/15/2005
n-Butylbenzene	BQL	5.64	1	8/15/2005
sec-Butylbenzene	BQL	5.64	1	8/15/2005
tert-Butylbenzene	BQL	5.64	1	8/15/2005
Carbon disulfide	BQL	5.64	1	8/15/2005
Carbon tetrachloride	BQL	5.64	1	8/15/2005
Chlorobenzene	BQL	5.64	1	8/15/2005
Chloroethane	BQL	5.64	1	8/15/2005
Chloroform	BQL	5.64	1	8/15/2005
Chloromethane	BQL	5.64	1	8/15/2005
2-Chlorotoluene	BQL	5.64	1	8/15/2005
4-Chlorotoluene	BQL	5.64	1	8/15/2005
Dibromochloromethane	BQL	5.64	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	5.64	1	8/15/2005
Dibromomethane	BQL	5.64	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	5.64	1	8/15/2005
1,2-Dichlorobenzene	BQL	5.64	1	8/15/2005
1,3-Dichlorobenzene	BQL	5.64	1	8/15/2005
1,4-Dichlorobenzene	BQL	5.64	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	5.64	1	8/15/2005
1,1-Dichloroethane	BQL	5.64	1	8/15/2005
1,1-Dichloroethene	BQL	5.64	1	8/15/2005
1,2-Dichloroethane	BQL	5.64	1	8/15/2005
cis-1,2-Dichloroethene	BQL	5.64	1	8/15/2005
trans-1,2-dichloroethene	BQL	5.64	1	8/15/2005
1,2-Dichloropropane	BQL	5.64	1	8/15/2005
1,3-Dichloropropane	BQL	5.64	1	8/15/2005
2,2-Dichloropropane	BQL	5.64	1	8/15/2005
1,1-Dichloropropene	BQL	5.64	1	8/15/2005
cis-1,3-Dichloropropene	BQL	5.64	1	8/15/2005
trans-1,3-Dichloropropene	BQL	5.64	1	8/15/2005
Dichlorodifluoromethane	BQL	5.64	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	5.64	1	8/15/2005
Ethylbenzene	BQL	5.64	1	8/15/2005
Hexachlorobutadiene	BQL	5.64	1	8/15/2005
2-Hexanone	BQL	5.64	1	8/15/2005
Iodomethane	BQL	5.64	1	8/15/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP4-20
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-4C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 13:16
Date Received: 8/10/2005
Matrix: Soil
%Solids: 74.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.73	1	8/15/2005
4-Isopropyltoluene	BQL	5.73	1	8/15/2005
Methylene chloride	BQL	22.9	1	8/15/2005
4-Methyl-2-pentanone	BQL	5.73	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.73	1	8/15/2005
Naphthalene	BQL	5.73	1	8/15/2005
n-Propyl benzene	BQL	5.73	1	8/15/2005
Styrene	BQL	5.73	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	5.73	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	5.73	1	8/15/2005
Tetrachloroethene	9.41	5.73	1	8/15/2005
Toluene	BQL	5.73	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	5.73	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	5.73	1	8/15/2005
Trichloroethene	BQL	5.73	1	8/15/2005
1,1,1-Trichloroethane	BQL	5.73	1	8/15/2005
1,1,2-Trichloroethane	BQL	5.73	1	8/15/2005
Trichlorofluoromethane	BQL	5.73	1	8/15/2005
1,2,3-Trichloropropane	BQL	5.73	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	5.73	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	5.73	1	8/15/2005
Vinyl chloride	BQL	5.73	1	8/15/2005
m-,p-Xylene	BQL	11.5	1	8/15/2005
o-Xylene	BQL	5.73	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	55.7	111
1,2-Dichloroethane-d4	50	64	128
Toluene-d8	50	52.4	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP4-20
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-4C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 13:16
Date Received: 8/10/2005
Matrix: Soil
%Solids: 74.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	57.3	1	8/15/2005
Benzene	BQL	5.73	1	8/15/2005
Bromobenzene	BQL	5.73	1	8/15/2005
Bromochloromethane	BQL	5.73	1	8/15/2005
Bromodichloromethane	BQL	5.73	1	8/15/2005
Bromoform	BQL	5.73	1	8/15/2005
Bromomethane	BQL	5.73	1	8/15/2005
2-Butanone	BQL	28.6	1	8/15/2005
n-Butylbenzene	BQL	5.73	1	8/15/2005
sec-Butylbenzene	BQL	5.73	1	8/15/2005
tert-Butylbenzene	BQL	5.73	1	8/15/2005
Carbon disulfide	BQL	5.73	1	8/15/2005
Carbon tetrachloride	BQL	5.73	1	8/15/2005
Chlorobenzene	BQL	5.73	1	8/15/2005
Chloroethane	BQL	5.73	1	8/15/2005
Chloroform	BQL	5.73	1	8/15/2005
Chloromethane	BQL	5.73	1	8/15/2005
2-Chlorotoluene	BQL	5.73	1	8/15/2005
4-Chlorotoluene	BQL	5.73	1	8/15/2005
Dibromochloromethane	BQL	5.73	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	5.73	1	8/15/2005
Dibromomethane	BQL	5.73	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	5.73	1	8/15/2005
1,2-Dichlorobenzene	BQL	5.73	1	8/15/2005
1,3-Dichlorobenzene	BQL	5.73	1	8/15/2005
1,4-Dichlorobenzene	BQL	5.73	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	5.73	1	8/15/2005
1,1-Dichloroethane	BQL	5.73	1	8/15/2005
1,1-Dichloroethene	BQL	5.73	1	8/15/2005
1,2-Dichloroethane	BQL	5.73	1	8/15/2005
cis-1,2-Dichloroethene	BQL	5.73	1	8/15/2005
trans-1,2-dichloroethene	BQL	5.73	1	8/15/2005
1,2-Dichloropropane	14.1	5.73	1	8/15/2005
1,3-Dichloropropane	BQL	5.73	1	8/15/2005
2,2-Dichloropropane	BQL	5.73	1	8/15/2005
1,1-Dichloropropene	BQL	5.73	1	8/15/2005
cis-1,3-Dichloropropene	BQL	5.73	1	8/15/2005
trans-1,3-Dichloropropene	BQL	5.73	1	8/15/2005
Dichlorodifluoromethane	BQL	5.73	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	5.73	1	8/15/2005
Ethylbenzene	BQL	5.73	1	8/15/2005
Hexachlorobutadiene	BQL	5.73	1	8/15/2005
2-Hexanone	BQL	5.73	1	8/15/2005
Iodomethane	BQL	5.73	1	8/15/2005

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-555

Client Project: Parcel 11-Waste Mgmt. Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

10/10/05

Laboratory Director — Date
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP# U-2826 A WBS# 34871.1.1

COC# 48836

Page 1 of 1

Client: EI, Inc
Project ID: Parcel 11
Date: 9/12/05
Report To: Darren R. Lockhart
Address: 2101 Gateway Centre
Contact: Darren Lockhart
Turnaround: Std Standard
Address: Morrisville, NC 27560
Phone: 919 544 7500 ext 272
Job Number: EWMOPS0015.00
Quote #:
Fax: dlockhart@ei1.com
P.O. Number:
Invoice To: NCDOT (TIP# U-2826A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses: 8260/5035	8270	TPH-DRO	TPH-GRO							Comments: Please specify any special reporting requirements:
P11GPM-15	9/12/05	1410	S					X	X	X	X							G06-553
P11GPN-15	"	1430	S							X	X							
P11GPO-15	"	1435	S					X	X	X	X							
P11GPP-15	"	1445	S							X	X							

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[signature]	9/12/05	1980	[signature]	9/13/05	1015	5.8 °C	NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPP-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-4
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/12/2005 14:45
Date Received: 9/13/2005
Matrix: Soil
Solids 79.34

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.03	5035	1	09/19/05
Diesel Range Organics	BQL	7.7	3545	1	09/15/05

Reviewed By: _____
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-3
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/12/2005 14:35
Date Received: 9/13/2005
Matrix: Soil
Solids 79.25

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.41	5035	1	09/19/05
Diesel Range Organics	BQL	7.86	3545	1	09/15/05

Reviewed By: mc
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPN-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-2
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/12/2005 14:30
Date Received: 9/13/2005
Matrix: Soil
Solids 76.98

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.63	5035	1	09/19/05
Diesel Range Organics	BQL	7.75	3545	1	09/15/05

Reviewed By: mc
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-1
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/12/2005 14:10
Date Received: 9/13/2005
Matrix: Soil
Solids 77.37

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.36	5035	1	09/19/05
Diesel Range Organics	BQL	7.57	3545	1	09/15/05

Reviewed By: mc
TPH_LIMS_v1 B2 XLS

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-3F
Lab Project ID: G106-553
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/12/2005 14:35
Date Received: 9/13/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 79.25

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	788	1	9/15/2005
Hexachloroethane	BQL	394	1	9/15/2005
Indeno(1,2,3-c,d)pyrene	BQL	394	1	9/15/2005
Isophorone	BQL	394	1	9/15/2005
2-Methylnaphthalene	BQL	394	1	9/15/2005
2-Methylphenol	BQL	394	1	9/15/2005
3- & 4-Methylphenol	BQL	394	1	9/15/2005
Naphthalene	BQL	394	1	9/15/2005
2-Nitroaniline	BQL	394	1	9/15/2005
3-Nitroaniline	BQL	1970	1	9/15/2005
4-Nitroaniline	BQL	1970	1	9/15/2005
Nitrobenzene	BQL	394	1	9/15/2005
2-Nitrophenol	BQL	394	1	9/15/2005
4-Nitrophenol	BQL	1970	1	9/15/2005
N-Nitrosodi-n-propylamine	BQL	394	1	9/15/2005
Pentachlorophenol	BQL	1970	1	9/15/2005
Phenanthrene	BQL	394	1	9/15/2005
Phenol	BQL	394	1	9/15/2005
Pyrene	BQL	394	1	9/15/2005
1,2,4-Trichlorobenzene	BQL	394	1	9/15/2005
2,4,5-Trichlorophenol	BQL	394	1	9/15/2005
2,4,6-Trichlorophenol	BQL	394	1	9/15/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.7	107
2-Fluorophenol	10	11.5	115
Nitrobenzene-d5	10	10	100
Phenol-d6	10	11.5	115
2,4,6-Tribromophenol	10	7.5	75
4-Terphenyl-d14	10	12.3	123

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-3F
Lab Project ID: G106-553
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/12/2005 14:35
Date Received: 9/13/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 79.25

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	394	1	9/15/2005
Acenaphthylene	BQL	394	1	9/15/2005
Anthracene	BQL	394	1	9/15/2005
Benzo[a]anthracene	BQL	394	1	9/15/2005
Benzo[a]pyrene	BQL	394	1	9/15/2005
Benzo[b]fluoranthene	BQL	394	1	9/15/2005
Benzo[g,h,i]perylene	BQL	394	1	9/15/2005
Benzo[k]fluoranthene	BQL	394	1	9/15/2005
Benzoic Acid	BQL	788	1	9/15/2005
Bis(2-chloroethoxy)methane	BQL	394	1	9/15/2005
Bis(2-chloroethyl)ether	BQL	394	1	9/15/2005
Bis(2-chloroisopropyl)ether	BQL	394	1	9/15/2005
Bis(2-ethylhexyl)phthalate	BQL	394	1	9/15/2005
4-bromophenyl phenyl ether	BQL	394	1	9/15/2005
Butylbenzylphthalate	BQL	394	1	9/15/2005
2-Chloronaphthalene	BQL	394	1	9/15/2005
2-Chlorophenol	BQL	394	1	9/15/2005
4-Chloro-3-methylphenol	BQL	394	1	9/15/2005
4-Chloroaniline	BQL	1970	1	9/15/2005
4-Chlorophenyl phenyl ether	BQL	394	1	9/15/2005
Chrysene	BQL	394	1	9/15/2005
Dibenzo[a,h]anthracene	BQL	394	1	9/15/2005
Dibenzofuran	BQL	394	1	9/15/2005
Di-n-Butylphthalate	BQL	394	1	9/15/2005
1,2-Dichlorobenzene	BQL	394	1	9/15/2005
1,3-Dichlorobenzene	BQL	394	1	9/15/2005
1,4-Dichlorobenzene	BQL	394	1	9/15/2005
3,3'-Dichlorobenzidine	BQL	788	1	9/15/2005
2,4-Dichlorophenol	BQL	394	1	9/15/2005
Diethylphthalate	BQL	394	1	9/15/2005
Dimethylphthalate	BQL	394	1	9/15/2005
2,4-Dimethylphenol	BQL	394	1	9/15/2005
Di-n-octylphthalate	BQL	394	1	9/15/2005
4,6-Dinitro-2-methylphenol	BQL	1970	1	9/15/2005
2,4-Dinitrophenol	BQL	1970	1	9/15/2005
2,4-Dinitrotoluene	BQL	394	1	9/15/2005
2,6-Dinitrotoluene	BQL	394	1	9/15/2005
Diphenylamine *	BQL	394	1	9/15/2005
Fluoranthene	BQL	394	1	9/15/2005
Fluorene	BQL	394	1	9/15/2005
Hexachlorobenzene	BQL	394	1	9/15/2005
Hexachlorobutadiene	BQL	394	1	9/15/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-1F
Lab Project ID: G106-553
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/12/2005 14:10
Date Received: 9/13/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 77.37

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	793	1	9/15/2005
Hexachloroethane	BQL	396	1	9/15/2005
Indeno(1,2,3-c,d)pyrene	BQL	396	1	9/15/2005
Isophorone	BQL	396	1	9/15/2005
2-Methylnaphthalene	BQL	396	1	9/15/2005
2-Methylphenol	BQL	396	1	9/15/2005
3- & 4-Methylphenol	BQL	396	1	9/15/2005
Naphthalene	BQL	396	1	9/15/2005
2-Nitroaniline	BQL	396	1	9/15/2005
3-Nitroaniline	BQL	1980	1	9/15/2005
4-Nitroaniline	BQL	1980	1	9/15/2005
Nitrobenzene	BQL	396	1	9/15/2005
2-Nitrophenol	BQL	396	1	9/15/2005
4-Nitrophenol	BQL	1980	1	9/15/2005
N-Nitrosodi-n-propylamine	BQL	396	1	9/15/2005
Pentachlorophenol	BQL	1980	1	9/15/2005
Phenanthrene	BQL	396	1	9/15/2005
Phenol	BQL	396	1	9/15/2005
Pyrene	BQL	396	1	9/15/2005
1,2,4-Trichlorobenzene	BQL	396	1	9/15/2005
2,4,5-Trichlorophenol	BQL	396	1	9/15/2005
2,4,6-Trichlorophenol	BQL	396	1	9/15/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.8	98
2-Fluorophenol	10	11.2	112
Nitrobenzene-d5	10	9.4	94
Phenol-d6	10	10.6	106
2,4,6-Tribromophenol	10	7.2	73
4-Terphenyl-d14	10	10.1	101

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mr

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-1F
Lab Project ID: G106-553
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/12/2005 14:10
Date Received: 9/13/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 77.37

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	396	1	9/15/2005
Acenaphthylene	BQL	396	1	9/15/2005
Anthracene	BQL	396	1	9/15/2005
Benzo[a]anthracene	BQL	396	1	9/15/2005
Benzo[a]pyrene	BQL	396	1	9/15/2005
Benzo[b]fluoranthene	BQL	396	1	9/15/2005
Benzo[g,h,i]perylene	BQL	396	1	9/15/2005
Benzo[k]fluoranthene	BQL	396	1	9/15/2005
Benzoic Acid	BQL	793	1	9/15/2005
Bis(2-chloroethoxy)methane	BQL	396	1	9/15/2005
Bis(2-chloroethyl)ether	BQL	396	1	9/15/2005
Bis(2-chloroisopropyl)ether	BQL	396	1	9/15/2005
Bis(2-ethylhexyl)phthalate	BQL	396	1	9/15/2005
4-bromophenyl phenyl ether	BQL	396	1	9/15/2005
Butylbenzylphthalate	BQL	396	1	9/15/2005
2-Chloronaphthalene	BQL	396	1	9/15/2005
2-Chlorophenol	BQL	396	1	9/15/2005
4-Chloro-3-methylphenol	BQL	396	1	9/15/2005
4-Chloroaniline	BQL	1980	1	9/15/2005
4-Chlorophenyl phenyl ether	BQL	396	1	9/15/2005
Chrysene	BQL	396	1	9/15/2005
Dibenzo[a,h]anthracene	BQL	396	1	9/15/2005
Dibenzofuran	BQL	396	1	9/15/2005
Di-n-Butylphthalate	BQL	396	1	9/15/2005
1,2-Dichlorobenzene	BQL	396	1	9/15/2005
1,3-Dichlorobenzene	BQL	396	1	9/15/2005
1,4-Dichlorobenzene	BQL	396	1	9/15/2005
3,3'-Dichlorobenzidine	BQL	793	1	9/15/2005
2,4-Dichlorophenol	BQL	396	1	9/15/2005
Diethylphthalate	BQL	396	1	9/15/2005
Dimethylphthalate	BQL	396	1	9/15/2005
2,4-Dimethylphenol	BQL	396	1	9/15/2005
Di-n-octylphthalate	BQL	396	1	9/15/2005
4,6-Dinitro-2-methylphenol	BQL	1980	1	9/15/2005
2,4-Dinitrophenol	BQL	1980	1	9/15/2005
2,4-Dinitrotoluene	BQL	396	1	9/15/2005
2,6-Dinitrotoluene	BQL	396	1	9/15/2005
Diphenylamine *	BQL	396	1	9/15/2005
Fluoranthene	BQL	396	1	9/15/2005
Fluorene	BQL	396	1	9/15/2005
Hexachlorobenzene	BQL	396	1	9/15/2005
Hexachlorobutadiene	BQL	396	1	9/15/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-553-3A
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-12-2005 14:35
Date Received: 9/13/05
Matrix: Soil
%Solids: 79.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	4.74	1	9/15/05
Iodomethane	BQL	4.74	1	9/15/05
Isopropylbenzene	BQL	4.74	1	9/15/05
4-Isopropyltoluene	BQL	4.74	1	9/15/05
Methylene chloride	BQL	18.9	1	9/15/05
4-Methyl-2-pentanone	BQL	4.74	1	9/15/05
Methyl-tert-butyl ether (MTBE)	BQL	4.74	1	9/15/05
Naphthalene	BQL	4.74	1	9/15/05
n-Propyl benzene	BQL	4.74	1	9/15/05
Styrene	BQL	4.74	1	9/15/05
1,1,1,2-Tetrachloroethane	BQL	4.74	1	9/15/05
1,1,2,2-Tetrachloroethane	BQL	4.74	1	9/15/05
Tetrachloroethene	BQL	4.74	1	9/15/05
Toluene	BQL	4.74	1	9/15/05
1,2,3-Trichlorobenzene	BQL	4.74	1	9/15/05
1,2,4-Trichlorobenzene	BQL	4.74	1	9/15/05
Trichloroethene	BQL	4.74	1	9/15/05
1,1,1-Trichloroethane	BQL	4.74	1	9/15/05
1,1,2-Trichloroethane	BQL	4.74	1	9/15/05
Trichlorofluoromethane	BQL	4.74	1	9/15/05
1,2,3-Trichloropropane	BQL	4.74	1	9/15/05
1,2,4-Trimethylbenzene	BQL	4.74	1	9/15/05
1,3,5-Trimethylbenzene	BQL	4.74	1	9/15/05
Vinyl chloride	BQL	4.74	1	9/15/05
m-,p-Xylene	BQL	9.47	1	9/15/05
o-Xylene	BQL	4.74	1	9/15/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	49.1	98
1,2-Dichloroethane-d4	50	63.5	127
Toluene-d8	50	52.5	105

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-553-3A
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-12-2005 14:35
Date Received: 9/13/05
Matrix: Soil
%Solids: 79.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	47.4	1	9/15/05
Benzene	BQL	4.74	1	9/15/05
Bromobenzene	BQL	4.74	1	9/15/05
Bromochloromethane	BQL	4.74	1	9/15/05
Bromodichloromethane	BQL	4.74	1	9/15/05
Bromoform	BQL	4.74	1	9/15/05
Bromomethane	BQL	4.74	1	9/15/05
2-Butanone	BQL	23.7	1	9/15/05
n-Butylbenzene	BQL	4.74	1	9/15/05
sec-Butylbenzene	BQL	4.74	1	9/15/05
tert-Butylbenzene	BQL	4.74	1	9/15/05
Carbon disulfide	BQL	4.74	1	9/15/05
Carbon tetrachloride	BQL	4.74	1	9/15/05
Chlorobenzene	BQL	4.74	1	9/15/05
Chloroethane	BQL	4.74	1	9/15/05
Chloroform	BQL	4.74	1	9/15/05
Chloromethane	BQL	4.74	1	9/15/05
2-Chlorotoluene	BQL	4.74	1	9/15/05
4-Chlorotoluene	BQL	4.74	1	9/15/05
Dibromochloromethane	BQL	4.74	1	9/15/05
1,2-Dibromo-3-chloropropane	BQL	4.74	1	9/15/05
Dibromomethane	BQL	4.74	1	9/15/05
1,2-Dibromoethane (EDB)	BQL	4.74	1	9/15/05
1,2-Dichlorobenzene	BQL	4.74	1	9/15/05
1,3-Dichlorobenzene	BQL	4.74	1	9/15/05
1,4-Dichlorobenzene	BQL	4.74	1	9/15/05
trans-1,4-Dichloro-2-butene	BQL	4.74	1	9/15/05
1,1-Dichloroethane	BQL	4.74	1	9/15/05
1,1-Dichloroethene	BQL	4.74	1	9/15/05
1,2-Dichloroethane	BQL	4.74	1	9/15/05
cis-1,2-Dichloroethene	BQL	4.74	1	9/15/05
trans-1,2-dichloroethene	BQL	4.74	1	9/15/05
1,2-Dichloropropane	BQL	4.74	1	9/15/05
1,3-Dichloropropane	BQL	4.74	1	9/15/05
2,2-Dichloropropane	BQL	4.74	1	9/15/05
1,1-Dichloropropene	BQL	4.74	1	9/15/05
cis-1,3-Dichloropropene	BQL	4.74	1	9/15/05
trans-1,3-Dichloropropene	BQL	4.74	1	9/15/05
Dichlorodifluoromethane	BQL	4.74	1	9/15/05
Diisopropyl ether (DIPE)	BQL	4.74	1	9/15/05
Ethylbenzene	BQL	4.74	1	9/15/05
Hexachlorobutadiene	BQL	4.74	1	9/15/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-553-1A
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-12-2005 14:10
Date Received: 9/13/05
Matrix: Soil
%Solids: 77.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.30	1	9/15/05
Iodomethane	BQL	5.30	1	9/15/05
Isopropylbenzene	BQL	5.30	1	9/15/05
4-Isopropyltoluene	BQL	5.30	1	9/15/05
Methylene chloride	BQL	21.2	1	9/15/05
4-Methyl-2-pentanone	BQL	5.30	1	9/15/05
Methyl-tert-butyl ether (MTBE)	BQL	5.30	1	9/15/05
Naphthalene	BQL	5.30	1	9/15/05
n-Propyl benzene	BQL	5.30	1	9/15/05
Styrene	BQL	5.30	1	9/15/05
1,1,1,2-Tetrachloroethane	BQL	5.30	1	9/15/05
1,1,2,2-Tetrachloroethane	BQL	5.30	1	9/15/05
Tetrachloroethene	BQL	5.30	1	9/15/05
Toluene	BQL	5.30	1	9/15/05
1,2,3-Trichlorobenzene	BQL	5.30	1	9/15/05
1,2,4-Trichlorobenzene	BQL	5.30	1	9/15/05
Trichloroethene	BQL	5.30	1	9/15/05
1,1,1-Trichloroethane	BQL	5.30	1	9/15/05
1,1,2-Trichloroethane	BQL	5.30	1	9/15/05
Trichlorofluoromethane	BQL	5.30	1	9/15/05
1,2,3-Trichloropropane	BQL	5.30	1	9/15/05
1,2,4-Trimethylbenzene	BQL	5.30	1	9/15/05
1,3,5-Trimethylbenzene	BQL	5.30	1	9/15/05
Vinyl chloride	BQL	5.30	1	9/15/05
m-,p-Xylene	BQL	10.6	1	9/15/05
o-Xylene	BQL	5.30	1	9/15/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	46.8	94
1,2-Dichloroethane-d4	50	59	118
Toluene-d8	50	51.9	104

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-553-1A
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-12-2005 14:10
Date Received: 9/13/05
Matrix: Soil
%Solids: 77.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	53.0	1	9/15/05
Benzene	BQL	5.30	1	9/15/05
Bromobenzene	BQL	5.30	1	9/15/05
Bromochloromethane	BQL	5.30	1	9/15/05
Bromodichloromethane	BQL	5.30	1	9/15/05
Bromoform	BQL	5.30	1	9/15/05
Bromomethane	BQL	5.30	1	9/15/05
2-Butanone	BQL	26.5	1	9/15/05
n-Butylbenzene	BQL	5.30	1	9/15/05
sec-Butylbenzene	BQL	5.30	1	9/15/05
tert-Butylbenzene	BQL	5.30	1	9/15/05
Carbon disulfide	BQL	5.30	1	9/15/05
Carbon tetrachloride	BQL	5.30	1	9/15/05
Chlorobenzene	BQL	5.30	1	9/15/05
Chloroethane	BQL	5.30	1	9/15/05
Chloroform	BQL	5.30	1	9/15/05
Chloromethane	BQL	5.30	1	9/15/05
2-Chlorotoluene	BQL	5.30	1	9/15/05
4-Chlorotoluene	BQL	5.30	1	9/15/05
Dibromochloromethane	BQL	5.30	1	9/15/05
1,2-Dibromo-3-chloropropane	BQL	5.30	1	9/15/05
Dibromomethane	BQL	5.30	1	9/15/05
1,2-Dibromoethane (EDB)	BQL	5.30	1	9/15/05
1,2-Dichlorobenzene	BQL	5.30	1	9/15/05
1,3-Dichlorobenzene	BQL	5.30	1	9/15/05
1,4-Dichlorobenzene	BQL	5.30	1	9/15/05
trans-1,4-Dichloro-2-butene	BQL	5.30	1	9/15/05
1,1-Dichloroethane	BQL	5.30	1	9/15/05
1,1-Dichloroethene	BQL	5.30	1	9/15/05
1,2-Dichloroethane	BQL	5.30	1	9/15/05
cis-1,2-Dichloroethene	BQL	5.30	1	9/15/05
trans-1,2-dichloroethene	BQL	5.30	1	9/15/05
1,2-Dichloropropane	BQL	5.30	1	9/15/05
1,3-Dichloropropane	BQL	5.30	1	9/15/05
2,2-Dichloropropane	BQL	5.30	1	9/15/05
1,1-Dichloropropene	BQL	5.30	1	9/15/05
cis-1,3-Dichloropropene	BQL	5.30	1	9/15/05
trans-1,3-Dichloropropene	BQL	5.30	1	9/15/05
Dichlorodifluoromethane	BQL	5.30	1	9/15/05
Diisopropyl ether (DIPE)	BQL	5.30	1	9/15/05
Ethylbenzene	BQL	5.30	1	9/15/05
Hexachlorobutadiene	BQL	5.30	1	9/15/05

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP# U-2826A

COC# 4812U

Page 2 of 2

Client: EI
Project ID: Parcel 11
Date: 9/8/05
Report To: Darren R. Lockhart
Address: 1001 Gateway Centre Blvd
Contact: Darren R. Lockhart
Turnaround: 5-Day turn (per Matt Burns)
Address: Suite 200, Morrisville, NC 27560
Phone: 919.544.7500
Job Number:
Quote #:
Fax: dlockhart@eilan
P.O. Number:
Invoice To: NCDOT (TIP# U-2826A)

PARADIGM ANALYTICAL LABORATORIES, INC.

Sample ID	Date	Time	Matrix	Preservatives				Analyses: TPH 5530	Analyses: SSC TPH 3550								Comments: Please specify any special reporting requirements
																	G106-552
P11GPI-5	9/8/05	0832	S					X	X								
P11GPI-6	"	1010	S					X	X								
																	0.7°C

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Darren R. Lockhart	9/8/05	1800	[illegible]	9/10/05	1020	0.7°C	NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP# U-2826A WBS: 34871.17

COC# 48118

Page 1 of 2

Client: EI
Project ID: Parcel 11
Date: 9/8/05
Report To: Darren R. Lockhart
Address: 2101 Gateway Centre Blvd
Contact: Darren R. Lockhart
Turnaround: ~~[illegible]~~ 5-Day Turn
Address: Suite 200, Morrisville NC 27560
Phone: 919 544.7500
Job Number: (per Matt Blevins)
Quote #:
Fax: dlockhart@eilc.com
P.O. Number:
Invoice To: NCDOT (TIP# U-2826A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses: TPH 5030 SX/L	Analyses: TPH 3550									Comments: Please specify any special reporting requirements
P11GPA-10	9/2/05	1430	S					X	X									G106-552
P11GPB-10	"	1445	"					X	X									
P11GPC-8	"	1510	"					X	X									
P11GPD-8	"	1525	"					X	X									
P11GPE-4	"	1535	"					X	X									
P11GPF-4	"	1545	"					X	X									
P11GPG-8	9/8/05	0925	"					X	X									
P11GPH-8	"	0850	"					X	X									
P11GPK-8	"	0935	"					X	X									
P11GPL-8	"	0955	"					X	X									

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Darren R. Lockhart	9/9/05	1800	[illegible]	9/10/05	1020	0.7°C	NC ____ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

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PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPJ-6
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-12
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 10:10
Date Received: 9/10/2005
Matrix: Soil
Solids 76.20

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	10.0	5035	1	09/13/05
Diesel Range Organics	BQL	8.02	3545	1	09/15/05

Reviewed By: nl
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPI-5
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-11
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 8:52
Date Received: 9/10/2005
Matrix: Soil
Solids 68.66

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	9.95	5035	1	09/13/05
Diesel Range Organics	BQL	9.04	3545	1	09/15/05

Reviewed By. [signature]
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPL-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-10
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 9:55
Date Received: 9/10/2005
Matrix: Soil
Solids 70.91

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.64	5035	1	09/13/05
Diesel Range Organics	BQL	8.53	3545	1	09/15/05

Reviewed By: _____
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPK-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-9
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 9:35
Date Received: 9/10/2005
Matrix: Soil
Solids 76.44

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.83	5035	1	09/13/05
Diesel Range Organics	BQL	7.72	3545	1	09/15/05

Reviewed By: [signature]
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPH-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-8
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 8:50
Date Received: 9/10/2005
Matrix: Soil
Solids 78.16

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	9.2	5035	1	09/13/05
Diesel Range Organics	BQL	7.78	3545	1	09/15/05

Reviewed By: [signature]
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPG-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-7
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 9:25
Date Received: 9/10/2005
Matrix: Soil
Solids 73.96

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	9.85	5035	1	09/13/05
Diesel Range Organics	BQL	8.25	3545	1	09/15/05

Reviewed By: MC

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPF-4
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-6
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 15:45
Date Received: 9/10/2005
Matrix: Soil
Solids 72.64

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.25	5035	1	09/13/05
Diesel Range Organics	BQL	8.33	3545	1	09/15/05

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPE-4
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-5
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 15:35
Date Received: 9/10/2005
Matrix: Soil
Solids 72.91

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.7	5035	1	09/13/05
Diesel Range Organics	25.9	8.41	3545	1	09/16/05

Reviewed By: [signature]
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPD-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-4
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 15:25
Date Received: 9/10/2005
Matrix: Soil
Solids 75.00

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.25	5035	1	09/13/05
Diesel Range Organics	116	8.21	3545	1	09/15/05

Reviewed By: _____
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPC-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-3
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 15:10
Date Received: 9/10/2005
Matrix: Soil
Solids 74.69

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.75	5035	1	09/13/05
Diesel Range Organics	BQL	7.96	3545	1	09/14/05

Reviewed By: [signature]

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPB-10
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-2
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 14:45
Date Received: 9/10/2005
Matrix: Soil
Solids 74.34

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.17	5035	1	09/12/05
Diesel Range Organics	BQL	8.25	3545	1	09/14/05

Reviewed By: _____
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPA-10
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-1
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 14:30
Date Received: 9/10/2005
Matrix: Soil
Solids 74.52

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.67	5035	1	09/12/05
Diesel Range Organics	BQL	8.11	3545	1	09/14/05

Reviewed By: _____
TPH_LIMS_v1 82 XLS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-552

Client Project: Parcel 11 Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

9/19/05
Date

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 50633

TIP4 U-2826A WBS# 34871.1.1

Page ____ of ____

Client: EI, INC
Project ID: PARCEL 11/NCDOT FORSYTH
Date: 8-30-05
Report To: DARREN LOCKHART EI
Address: 2101 GATEWAY CENTRE BLVD
Contact: DARREN LOCKHART
Turnaround: STANDARD
Address: SUITE 200, MORRISVILLE, NC
Phone: 919-544-7500
Job Number: ENMD050015.00
Quote #: 27560
Fax: 919-544-2199
P.O. Number:
Invoice To: NCDOT

Sample ID	Date	Time	Matrix	Preservatives				Analyses: TPH GRO	Analyses: TPH DRO									Comments: Please specify any special reporting requirements
P11GP13-20	8-30-05	1515	SOIL					X	X									G106-544
P11GP14-15	"	1655	SOIL					X	X									

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[illegible]	8-30-05		[illegible]	9/1/05	0850	0.2, 0.3°C	NC ✓ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITION

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.011404.1

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GP14-15
Client Project ID: Parcel 11-NCDOT-Forsyth Tip#U-2826A
Lab Sample ID: G106-544-2
Lab Project ID: G106-544
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 16:55
Date Received: 9/1/05
Matrix: Soil
Solids 74.86

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.01	5030	1	09/07/05
Diesel Range Organics	BQL	7.75	3545	1	09/07/05

Comments:

Reviewed By: _____
TPH_LIMS_v1.82.XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GP13-20
Client Project ID: Parcel 11-NCDOT-Forsyth Tip#U-2826A
Lab Sample ID: G106-544-1
Lab Project ID: G106-544
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 15:15
Date Received: 9/1/05
Matrix: Soil
Solids 86.74

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.75	5030	1	09/07/05
Diesel Range Organics	BQL	6.93	3545	1	09/07/05

Comments:

Reviewed By: _____

TPH_LIMS_v1.82.XLS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-544

Client Project: Parcel 11-NCDOT-Forsyth Tip#U-2826A

P11 G013
P11 G014
TP11

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

9/14/05

Laboratory Director Date
J. Patrick Weaver

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP# U-2826A WBS: 34871.1.1

COC# 46857

Page _____ of _____

Client: EI
Address: 2101 6 Atlantic Ctr Blvd
Address: Suite 200, Morrisville NC 27560
Quote #:

Project ID: PARCEL 10-11
Contact: Darren Lockhart
Phone: 919-544-7500
Fax: 919-544-2199

Date: 8-9-05
Turnaround: Standard
Job Number:
P.O. Number:

Report To: Darren Lockhart

Invoice To: NCDOT (TIP# U-2826A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses: 8260	8270	8 RCRA Metals								Comments: Please specify any special reporting requirements
10 6P109	8-9-05	1640	SOIL					X	X	X								
10 6PA-18	"	1650						X	X	X								GP06-532
10 6PB-15	"	1745						X	X	X								
10 6P4-20	8-10-05	0900																ID's changed
10 6P5-13		0940																per D. Lockhart 8/15/05 gr

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[signature]	8-10-05		[signature]	8/10/05	10:48	on ice	NC ✓ SC ____ Other ____
[signature]	8-10-	1:30	[signature]	8/10/05	1645	a.ice	SEE REVERSE FOR TERMS AND CONDITIONS
						16,2,3,2.6°C	

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

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J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Metals

Client Sample ID:	P11GP12-15	Analyzed By:	PSW
Client Project ID:	Parcel 11 Tip#U-2826A	Date Collected:	8/9/2005 17:15
Lab Sample ID:	G106-532-3	Date Received:	8/10/2005
Lab Project ID:	G106-532	Matrix:	SOIL
Batch ID:	3533 3515	Solids	87.60
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.12	1	MG/KG	6010B	8/25/2005
Barium	BQL	11.2	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.12	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.12	1	MG/KG	6010B	8/25/2005
Lead	26.7	1.12	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0220	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.24	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.12	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_UMS_3.3

Results for Metals

Client Sample ID:	P11GP11-18	Analyzed By:	PSW
Client Project ID:	Parcel 11 Tip#U-2826A	Date Collected:	8/9/2005 16:50
Lab Sample ID:	G106-532-2	Date Received:	8/10/2005
Lab Project ID:	G106-532	Matrix:	SOIL
Batch ID:	3533 3515	Solids	81.83
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	18.5	1.04	1	MG/KG	6010B	8/25/2005
Barium	108	10.4	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.04	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.04	1	MG/KG	6010B	8/25/2005
Lead	129	1.04	1	MG/KG	6010B	8/25/2005
Mercury	0.0430	0.0216	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.07	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.04	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P11GP10-9	Analyzed By:	PSW
Client Project ID:	Parcel 11 Tip#U-2826A	Date Collected:	8/9/2005 16:40
Lab Sample ID:	G106-532-1	Date Received:	8/10/2005
Lab Project ID:	G106-532	Matrix:	SOIL
Batch ID:	3533 3515	Solids	91.06
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	2.12	0.981	1	MG/KG	6010B	8/25/2005
Barium	BQL	9.81	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	0.981	1	MG/KG	6010B	8/25/2005
Chromium	BQL	0.981	1	MG/KG	6010B	8/25/2005
Lead	3.60	0.981	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0203	1	MG/KG	7471	8/29/2005
Selenium	BQL	1.96	1	MG/KG	6010B	8/25/2005
Silver	BQL	0.981	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP12-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-3I
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 17:15
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 87.6

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	701	1	8/16/2005
Hexachloroethane	BQL	350	1	8/16/2005
Indeno(1,2,3-c,d)pyrene	BQL	350	1	8/16/2005
Isophorone	BQL	350	1	8/16/2005
2-Methylnaphthalene	BQL	350	1	8/16/2005
2-Methylphenol	BQL	350	1	8/16/2005
3- & 4-Methylphenol	BQL	350	1	8/16/2005
Naphthalene	BQL	350	1	8/16/2005
2-Nitroaniline	BQL	350	1	8/16/2005
3-Nitroaniline	BQL	1750	1	8/16/2005
4-Nitroaniline	BQL	1750	1	8/16/2005
Nitrobenzene	BQL	350	1	8/16/2005
2-Nitrophenol	BQL	350	1	8/16/2005
4-Nitrophenol	BQL	1750	1	8/16/2005
N-Nitrosodi-n-propylamine	BQL	350	1	8/16/2005
Pentachlorophenol	BQL	1750	1	8/16/2005
Phenanthrene	BQL	350	1	8/16/2005
Phenol	BQL	350	1	8/16/2005
Pyrene	BQL	350	1	8/16/2005
1,2,4-Trichlorobenzene	BQL	350	1	8/16/2005
2,4,5-Trichlorophenol	BQL	350	1	8/16/2005
2,4,6-Trichlorophenol	BQL	350	1	8/16/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.7	97
2-Fluorophenol	10	10	100
Nitrobenzene-d5	10	9.5	95
Phenol-d6	10	10.2	102
2,4,6-Tribromophenol	10	9.5	95
4-Terphenyl-d14	10	10	100

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP12-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-3I
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 17:15
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 87.6

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	350	1	8/16/2005
Acenaphthylene	BQL	350	1	8/16/2005
Anthracene	BQL	350	1	8/16/2005
Benzo[a]anthracene	BQL	350	1	8/16/2005
Benzo[a]pyrene	BQL	350	1	8/16/2005
Benzo[b]fluoranthene	BQL	350	1	8/16/2005
Benzo[g,h,i]perylene	BQL	350	1	8/16/2005
Benzo[k]fluoranthene	BQL	350	1	8/16/2005
Benzoic Acid	BQL	701	1	8/16/2005
Bis(2-chloroethoxy)methane	BQL	350	1	8/16/2005
Bis(2-chloroethyl)ether	BQL	350	1	8/16/2005
Bis(2-chloroisopropyl)ether	BQL	350	1	8/16/2005
Bis(2-ethylhexyl)phthalate	BQL	350	1	8/16/2005
4-bromophenyl phenyl ether	BQL	350	1	8/16/2005
Butylbenzylphthalate	BQL	350	1	8/16/2005
2-Chloronaphthalene	BQL	350	1	8/16/2005
2-Chlorophenol	BQL	350	1	8/16/2005
4-Chloro-3-methylphenol	BQL	350	1	8/16/2005
4-Chloroaniline	BQL	1750	1	8/16/2005
4-Chlorophenyl phenyl ether	BQL	350	1	8/16/2005
Chrysene	BQL	350	1	8/16/2005
Dibenzo[a,h]anthracene	BQL	350	1	8/16/2005
Dibenzofuran	BQL	350	1	8/16/2005
Di-n-Butylphthalate	BQL	350	1	8/16/2005
1,2-Dichlorobenzene	BQL	350	1	8/16/2005
1,3-Dichlorobenzene	BQL	350	1	8/16/2005
1,4-Dichlorobenzene	BQL	350	1	8/16/2005
3,3'-Dichlorobenzidine	BQL	701	1	8/16/2005
2,4-Dichlorophenol	BQL	350	1	8/16/2005
Diethylphthalate	BQL	350	1	8/16/2005
Dimethylphthalate	BQL	350	1	8/16/2005
2,4-Dimethylphenol	BQL	350	1	8/16/2005
Di-n-octylphthalate	BQL	350	1	8/16/2005
4,6-Dinitro-2-methylphenol	BQL	1750	1	8/16/2005
2,4-Dinitrophenol	BQL	1750	1	8/16/2005
2,4-Dinitrotoluene	BQL	350	1	8/16/2005
2,6-Dinitrotoluene	BQL	350	1	8/16/2005
Diphenylamine *	BQL	350	1	8/16/2005
Fluoranthene	BQL	350	1	8/16/2005
Fluorene	BQL	350	1	8/16/2005
Hexachlorobenzene	BQL	350	1	8/16/2005
Hexachlorobutadiene	BQL	350	1	8/16/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP11-18
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-2I
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:50
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 81.83

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	773	1	8/16/2005
Hexachloroethane	BQL	386	1	8/16/2005
Indeno(1,2,3-c,d)pyrene	BQL	386	1	8/16/2005
Isophorone	BQL	386	1	8/16/2005
2-Methylnaphthalene	BQL	386	1	8/16/2005
2-Methylphenol	BQL	386	1	8/16/2005
3- & 4-Methylphenol	BQL	386	1	8/16/2005
Naphthalene	BQL	386	1	8/16/2005
2-Nitroaniline	BQL	386	1	8/16/2005
3-Nitroaniline	BQL	1930	1	8/16/2005
4-Nitroaniline	BQL	1930	1	8/16/2005
Nitrobenzene	BQL	386	1	8/16/2005
2-Nitrophenol	BQL	386	1	8/16/2005
4-Nitrophenol	BQL	1930	1	8/16/2005
N-Nitrosodi-n-propylamine	BQL	386	1	8/16/2005
Pentachlorophenol	BQL	1930	1	8/16/2005
Phenanthrene	BQL	386	1	8/16/2005
Phenol	BQL	386	1	8/16/2005
Pyrene	BQL	386	1	8/16/2005
1,2,4-Trichlorobenzene	BQL	386	1	8/16/2005
2,4,5-Trichlorophenol	BQL	386	1	8/16/2005
2,4,6-Trichlorophenol	BQL	386	1	8/16/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10	100
2-Fluorophenol	10	10.1	101
Nitrobenzene-d5	10	9.8	98
Phenol-d6	10	10.1	101
2,4,6-Tribromophenol	10	9.8	98
4-Terphenyl-d14	10	10.2	102

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-3K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:00
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 91.34

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	332	1	8/20/2005
Acenaphthylene	BQL	332	1	8/20/2005
Anthracene	BQL	332	1	8/20/2005
Benzo[a]anthracene	BQL	332	1	8/20/2005
Benzo[a]pyrene	BQL	332	1	8/20/2005
Benzo[b]fluoranthene	BQL	332	1	8/20/2005
Benzo[g,h,i]perylene	BQL	332	1	8/20/2005
Benzo[k]fluoranthene	BQL	332	1	8/20/2005
Benzoic Acid	BQL	665	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	332	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	332	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	332	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	332	1	8/20/2005
4-bromophenyl phenyl ether	BQL	332	1	8/20/2005
Butylbenzylphthalate	BQL	332	1	8/20/2005
2-Chloronaphthalene	BQL	332	1	8/20/2005
2-Chlorophenol	BQL	332	1	8/20/2005
4-Chloro-3-methylphenol	BQL	332	1	8/20/2005
4-Chloroaniline	BQL	1660	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	332	1	8/20/2005
Chrysene	BQL	332	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	332	1	8/20/2005
Dibenzofuran	BQL	332	1	8/20/2005
Di-n-Butylphthalate	BQL	332	1	8/20/2005
1,2-Dichlorobenzene	BQL	332	1	8/20/2005
1,3-Dichlorobenzene	BQL	332	1	8/20/2005
1,4-Dichlorobenzene	BQL	332	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	665	1	8/20/2005
2,4-Dichlorophenol	BQL	332	1	8/20/2005
Diethylphthalate	BQL	332	1	8/20/2005
Dimethylphthalate	BQL	332	1	8/20/2005
2,4-Dimethylphenol	BQL	332	1	8/20/2005
Di-n-octylphthalate	BQL	332	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1660	1	8/20/2005
2,4-Dinitrophenol	BQL	1660	1	8/20/2005
2,4-Dinitrotoluene	BQL	332	1	8/20/2005
2,6-Dinitrotoluene	BQL	332	1	8/20/2005
Diphenylamine *	BQL	332	1	8/20/2005
Fluoranthene	BQL	332	1	8/20/2005
Fluorene	BQL	332	1	8/20/2005
Hexachlorobenzene	BQL	332	1	8/20/2005
Hexachlorobutadiene	BQL	332	1	8/20/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-2K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 9:40
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 91.3

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	661	1	8/20/2005
Hexachloroethane	BQL	330	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	330	1	8/20/2005
Isophorone	BQL	330	1	8/20/2005
2-Methylnaphthalene	BQL	330	1	8/20/2005
2-Methylphenol	BQL	330	1	8/20/2005
3- & 4-Methylphenol	BQL	330	1	8/20/2005
Naphthalene	BQL	330	1	8/20/2005
2-Nitroaniline	BQL	330	1	8/20/2005
3-Nitroaniline	BQL	1650	1	8/20/2005
4-Nitroaniline	BQL	1650	1	8/20/2005
Nitrobenzene	BQL	330	1	8/20/2005
2-Nitrophenol	BQL	330	1	8/20/2005
4-Nitrophenol	BQL	1650	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	330	1	8/20/2005
Pentachlorophenol	BQL	1650	1	8/20/2005
Phenanthrene	BQL	330	1	8/20/2005
Phenol	BQL	330	1	8/20/2005
Pyrene	BQL	330	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	330	1	8/20/2005
2,4,5-Trichlorophenol	BQL	330	1	8/20/2005
2,4,6-Trichlorophenol	BQL	330	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.8	108
2-Fluorophenol	10	10.9	109
Nitrobenzene-d5	10	10.8	108
Phenol-d6	10	10.3	103
2,4,6-Tribromophenol	10	8.5	85
4-Terphenyl-d14	10	11.3	113

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-2K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 9:40
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 91.3

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	330	1	8/20/2005
Acenaphthylene	BQL	330	1	8/20/2005
Anthracene	BQL	330	1	8/20/2005
Benzo[a]anthracene	BQL	330	1	8/20/2005
Benzo[a]pyrene	BQL	330	1	8/20/2005
Benzo[b]fluoranthene	BQL	330	1	8/20/2005
Benzo[g,h,i]perylene	BQL	330	1	8/20/2005
Benzo[k]fluoranthene	BQL	330	1	8/20/2005
Benzoic Acid	BQL	661	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	330	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	330	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	330	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	330	1	8/20/2005
4-bromophenyl phenyl ether	BQL	330	1	8/20/2005
Butylbenzylphthalate	BQL	330	1	8/20/2005
2-Chloronaphthalene	BQL	330	1	8/20/2005
2-Chlorophenol	BQL	330	1	8/20/2005
4-Chloro-3-methylphenol	BQL	330	1	8/20/2005
4-Chloroaniline	BQL	1650	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	330	1	8/20/2005
Chrysene	BQL	330	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	330	1	8/20/2005
Dibenzofuran	BQL	330	1	8/20/2005
Di-n-Butylphthalate	BQL	330	1	8/20/2005
1,2-Dichlorobenzene	BQL	330	1	8/20/2005
1,3-Dichlorobenzene	BQL	330	1	8/20/2005
1,4-Dichlorobenzene	BQL	330	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	661	1	8/20/2005
2,4-Dichlorophenol	BQL	330	1	8/20/2005
Diethylphthalate	BQL	330	1	8/20/2005
Dimethylphthalate	BQL	330	1	8/20/2005
2,4-Dimethylphenol	BQL	330	1	8/20/2005
Di-n-octylphthalate	BQL	330	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1650	1	8/20/2005
2,4-Dinitrophenol	BQL	1650	1	8/20/2005
2,4-Dinitrotoluene	BQL	330	1	8/20/2005
2,6-Dinitrotoluene	BQL	330	1	8/20/2005
Diphenylamine *	BQL	330	1	8/20/2005
Fluoranthene	BQL	330	1	8/20/2005
Fluorene	BQL	330	1	8/20/2005
Hexachlorobenzene	BQL	330	1	8/20/2005
Hexachlorobutadiene	BQL	330	1	8/20/2005

Results for Semivolatiles by GCMS 8270

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-1K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 9:00
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 83.45

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	764	1	8/20/2005
Hexachloroethane	BQL	382	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	382	1	8/20/2005
Isophorone	BQL	382	1	8/20/2005
2-Methylnaphthalene	BQL	382	1	8/20/2005
2-Methylphenol	BQL	382	1	8/20/2005
3- & 4-Methylphenol	BQL	382	1	8/20/2005
Naphthalene	BQL	382	1	8/20/2005
2-Nitroaniline	BQL	382	1	8/20/2005
3-Nitroaniline	BQL	1910	1	8/20/2005
4-Nitroaniline	BQL	1910	1	8/20/2005
Nitrobenzene	BQL	382	1	8/20/2005
2-Nitrophenol	BQL	382	1	8/20/2005
4-Nitrophenol	BQL	1910	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	382	1	8/20/2005
Pentachlorophenol	BQL	1910	1	8/20/2005
Phenanthrene	BQL	382	1	8/20/2005
Phenol	BQL	382	1	8/20/2005
Pyrene	BQL	382	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	382	1	8/20/2005
2,4,5-Trichlorophenol	BQL	382	1	8/20/2005
2,4,6-Trichlorophenol	BQL	382	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.2	102
2-Fluorophenol	10	10.3	103
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	9.8	98
2,4,6-Tribromophenol	10	8.5	85
4-Terphenyl-d14	10	13.6	136

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-1K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 9:00
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 83.45

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	382	1	8/20/2005
Acenaphthylene	BQL	382	1	8/20/2005
Anthracene	BQL	382	1	8/20/2005
Benzo[a]anthracene	BQL	382	1	8/20/2005
Benzo[a]pyrene	BQL	382	1	8/20/2005
Benzo[b]fluoranthene	BQL	382	1	8/20/2005
Benzo[g,h,i]perylene	BQL	382	1	8/20/2005
Benzo[k]fluoranthene	BQL	382	1	8/20/2005
Benzoic Acid	BQL	764	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	382	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	382	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	382	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	382	1	8/20/2005
4-bromophenyl phenyl ether	BQL	382	1	8/20/2005
Butylbenzylphthalate	BQL	382	1	8/20/2005
2-Chloronaphthalene	BQL	382	1	8/20/2005
2-Chlorophenol	BQL	382	1	8/20/2005
4-Chloro-3-methylphenol	BQL	382	1	8/20/2005
4-Chloroaniline	BQL	1910	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	382	1	8/20/2005
Chrysene	BQL	382	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	382	1	8/20/2005
Dibenzofuran	BQL	382	1	8/20/2005
Di-n-Butylphthalate	BQL	382	1	8/20/2005
1,2-Dichlorobenzene	BQL	382	1	8/20/2005
1,3-Dichlorobenzene	BQL	382	1	8/20/2005
1,4-Dichlorobenzene	BQL	382	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	764	1	8/20/2005
2,4-Dichlorophenol	BQL	382	1	8/20/2005
Diethylphthalate	BQL	382	1	8/20/2005
Dimethylphthalate	BQL	382	1	8/20/2005
2,4-Dimethylphenol	BQL	382	1	8/20/2005
Di-n-octylphthalate	BQL	382	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1910	1	8/20/2005
2,4-Dinitrophenol	BQL	1910	1	8/20/2005
2,4-Dinitrotoluene	BQL	382	1	8/20/2005
2,6-Dinitrotoluene	BQL	382	1	8/20/2005
Diphenylamine *	BQL	382	1	8/20/2005
Fluoranthene	BQL	382	1	8/20/2005
Fluorene	BQL	382	1	8/20/2005
Hexachlorobenzene	BQL	382	1	8/20/2005
Hexachlorobutadiene	BQL	382	1	8/20/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-5A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:45
Date Received: 8/10/05
Matrix: Soil
%Solids: 84.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	6.41	1	8/17/05
Iodomethane	BQL	6.41	1	8/17/05
Isopropylbenzene	BQL	6.41	1	8/17/05
4-Isopropyltoluene	BQL	6.41	1	8/17/05
Methylene chloride	BQL	25.6	1	8/17/05
4-Methyl-2-pentanone	BQL	6.41	1	8/17/05
Methyl-tert-butyl ether (MTBE)	BQL	6.41	1	8/17/05
Naphthalene	BQL	6.41	1	8/17/05
n-Propyl benzene	BQL	6.41	1	8/17/05
Styrene	BQL	6.41	1	8/17/05
1,1,1,2-Tetrachloroethane	BQL	6.41	1	8/17/05
1,1,2,2-Tetrachloroethane	BQL	6.41	1	8/17/05
Tetrachloroethene	BQL	6.41	1	8/17/05
Toluene	BQL	6.41	1	8/17/05
1,2,3-Trichlorobenzene	BQL	6.41	1	8/17/05
1,2,4-Trichlorobenzene	BQL	6.41	1	8/17/05
Trichloroethene	BQL	6.41	1	8/17/05
1,1,1-Trichloroethane	BQL	6.41	1	8/17/05
1,1,2-Trichloroethane	BQL	6.41	1	8/17/05
Trichlorofluoromethane	BQL	6.41	1	8/17/05
1,2,3-Trichloropropane	BQL	6.41	1	8/17/05
1,2,4-Trimethylbenzene	BQL	6.41	1	8/17/05
1,3,5-Trimethylbenzene	BQL	6.41	1	8/17/05
Vinyl chloride	BQL	6.41	1	8/17/05
m-,p-Xylene	BQL	12.8	1	8/17/05
o-Xylene	BQL	6.41	1	8/17/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	61.4	123
1,2-Dichloroethane-d4	50	39.2	78
Toluene-d8	50	49.7	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-5A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:45
Date Received: 8/10/05
Matrix: Soil
%Solids: 84.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	64.1	1	8/17/05
Benzene	BQL	6.41	1	8/17/05
Bromobenzene	BQL	6.41	1	8/17/05
Bromochloromethane	BQL	6.41	1	8/17/05
Bromodichloromethane	BQL	6.41	1	8/17/05
Bromoform	BQL	6.41	1	8/17/05
Bromomethane	BQL	6.41	1	8/17/05
2-Butanone	BQL	32.0	1	8/17/05
n-Butylbenzene	BQL	6.41	1	8/17/05
sec-Butylbenzene	BQL	6.41	1	8/17/05
tert-Butylbenzene	BQL	6.41	1	8/17/05
Carbon disulfide	BQL	6.41	1	8/17/05
Carbon tetrachloride	BQL	6.41	1	8/17/05
Chlorobenzene	BQL	6.41	1	8/17/05
Chloroethane	BQL	6.41	1	8/17/05
Chloroform	BQL	6.41	1	8/17/05
Chloromethane	BQL	6.41	1	8/17/05
2-Chlorotoluene	BQL	6.41	1	8/17/05
4-Chlorotoluene	BQL	6.41	1	8/17/05
Dibromochloromethane	BQL	6.41	1	8/17/05
1,2-Dibromo-3-chloropropane	BQL	6.41	1	8/17/05
Dibromomethane	BQL	6.41	1	8/17/05
1,2-Dibromoethane (EDB)	BQL	6.41	1	8/17/05
1,2-Dichlorobenzene	BQL	6.41	1	8/17/05
1,3-Dichlorobenzene	BQL	6.41	1	8/17/05
1,4-Dichlorobenzene	BQL	6.41	1	8/17/05
trans-1,4-Dichloro-2-butene	BQL	6.41	1	8/17/05
1,1-Dichloroethane	BQL	6.41	1	8/17/05
1,1-Dichloroethene	BQL	6.41	1	8/17/05
1,2-Dichloroethane	BQL	6.41	1	8/17/05
cis-1,2-Dichloroethene	BQL	6.41	1	8/17/05
trans-1,2-dichloroethene	BQL	6.41	1	8/17/05
1,2-Dichloropropane	BQL	6.41	1	8/17/05
1,3-Dichloropropane	BQL	6.41	1	8/17/05
2,2-Dichloropropane	BQL	6.41	1	8/17/05
1,1-Dichloropropene	BQL	6.41	1	8/17/05
cis-1,3-Dichloropropene	BQL	6.41	1	8/17/05
trans-1,3-Dichloropropene	BQL	6.41	1	8/17/05
Dichlorodifluoromethane	BQL	6.41	1	8/17/05
Diisopropyl ether (DIPE)	BQL	6.41	1	8/17/05
Ethylbenzene	BQL	6.41	1	8/17/05
Hexachlorobutadiene	BQL	6.41	1	8/17/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-4A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:15
Date Received: 8/10/2005
Matrix: Soil
%Solids: 78.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	9.01	1	8/17/2005
4-Isopropyltoluene	BQL	9.01	1	8/17/2005
Methylene chloride	BQL	36.0	1	8/17/2005
4-Methyl-2-pentanone	BQL	9.01	1	8/17/2005
Methyl-tert-butyl ether (MTBE)	BQL	9.01	1	8/17/2005
Naphthalene	BQL	9.01	1	8/17/2005
n-Propyl benzene	BQL	9.01	1	8/17/2005
Styrene	BQL	9.01	1	8/17/2005
1,1,1,2-Tetrachloroethane	BQL	9.01	1	8/17/2005
1,1,2,2-Tetrachloroethane	BQL	9.01	1	8/17/2005
Tetrachloroethene	BQL	9.01	1	8/17/2005
Toluene	BQL	9.01	1	8/17/2005
1,2,3-Trichlorobenzene	BQL	9.01	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	9.01	1	8/17/2005
Trichloroethene	BQL	9.01	1	8/17/2005
1,1,1-Trichloroethane	BQL	9.01	1	8/17/2005
1,1,2-Trichloroethane	BQL	9.01	1	8/17/2005
Trichlorofluoromethane	BQL	9.01	1	8/17/2005
1,2,3-Trichloropropane	BQL	9.01	1	8/17/2005
1,2,4-Trimethylbenzene	BQL	9.01	1	8/17/2005
1,3,5-Trimethylbenzene	BQL	9.01	1	8/17/2005
Vinyl chloride	BQL	9.01	1	8/17/2005
m-,p-Xylene	BQL	18.0	1	8/17/2005
o-Xylene	BQL	9.01	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	62.3	125
1,2-Dichloroethane-d4	50	54.4	109
Toluene-d8	50	52.4	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: RJV

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-4A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:15
Date Received: 8/10/2005
Matrix: Soil
%Solids: 78.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	90.1	1	8/17/2005
Benzene	BQL	9.01	1	8/17/2005
Bromobenzene	BQL	9.01	1	8/17/2005
Bromochloromethane	BQL	9.01	1	8/17/2005
Bromodichloromethane	BQL	9.01	1	8/17/2005
Bromoform	BQL	9.01	1	8/17/2005
Bromomethane	BQL	9.01	1	8/17/2005
2-Butanone	BQL	45.0	1	8/17/2005
n-Butylbenzene	BQL	9.01	1	8/17/2005
sec-Butylbenzene	BQL	9.01	1	8/17/2005
tert-Butylbenzene	BQL	9.01	1	8/17/2005
Carbon disulfide	BQL	9.01	1	8/17/2005
Carbon tetrachloride	BQL	9.01	1	8/17/2005
Chlorobenzene	BQL	9.01	1	8/17/2005
Chloroethane	BQL	9.01	1	8/17/2005
Chloroform	BQL	9.01	1	8/17/2005
Chloromethane	BQL	9.01	1	8/17/2005
2-Chlorotoluene	BQL	9.01	1	8/17/2005
4-Chlorotoluene	BQL	9.01	1	8/17/2005
Dibromochloromethane	BQL	9.01	1	8/17/2005
1,2-Dibromo-3-chloropropane	BQL	9.01	1	8/17/2005
Dibromomethane	BQL	9.01	1	8/17/2005
1,2-Dibromoethane (EDB)	BQL	9.01	1	8/17/2005
1,2-Dichlorobenzene	BQL	9.01	1	8/17/2005
1,3-Dichlorobenzene	BQL	9.01	1	8/17/2005
1,4-Dichlorobenzene	BQL	9.01	1	8/17/2005
trans-1,4-Dichloro-2-butene	BQL	9.01	1	8/17/2005
1,1-Dichloroethane	BQL	9.01	1	8/17/2005
1,1-Dichloroethene	BQL	9.01	1	8/17/2005
1,2-Dichloroethane	BQL	9.01	1	8/17/2005
cis-1,2-Dichloroethene	BQL	9.01	1	8/17/2005
trans-1,2-dichloroethene	BQL	9.01	1	8/17/2005
1,2-Dichloropropane	BQL	9.01	1	8/17/2005
1,3-Dichloropropane	BQL	9.01	1	8/17/2005
2,2-Dichloropropane	BQL	9.01	1	8/17/2005
1,1-Dichloropropene	BQL	9.01	1	8/17/2005
cis-1,3-Dichloropropene	BQL	9.01	1	8/17/2005
trans-1,3-Dichloropropene	BQL	9.01	1	8/17/2005
Dichlorodifluoromethane	BQL	9.01	1	8/17/2005
Diisopropyl ether (DIPE)	BQL	9.01	1	8/17/2005
Ethylbenzene	BQL	9.01	1	8/17/2005
Hexachlorobutadiene	BQL	9.01	1	8/17/2005
2-Hexanone	BQL	9.01	1	8/17/2005
Iodomethane	BQL	9.01	1	8/17/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-3C
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:00
Date Received: 8/10/2005
Matrix: Soil
%Solids: 91.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.62	1	8/17/2005
4-Isopropyltoluene	BQL	5.62	1	8/17/2005
Methylene chloride	BQL	22.5	1	8/17/2005
4-Methyl-2-pentanone	BQL	5.62	1	8/17/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.62	1	8/17/2005
Naphthalene	BQL	5.62	1	8/17/2005
n-Propyl benzene	BQL	5.62	1	8/17/2005
Styrene	BQL	5.62	1	8/17/2005
1,1,1,2-Tetrachloroethane	BQL	5.62	1	8/17/2005
1,1,2,2-Tetrachloroethane	BQL	5.62	1	8/17/2005
Tetrachloroethene	BQL	5.62	1	8/17/2005
Toluene	BQL	5.62	1	8/17/2005
1,2,3-Trichlorobenzene	BQL	5.62	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	5.62	1	8/17/2005
Trichloroethene	BQL	5.62	1	8/17/2005
1,1,1-Trichloroethane	BQL	5.62	1	8/17/2005
1,1,2-Trichloroethane	BQL	5.62	1	8/17/2005
Trichlorofluoromethane	BQL	5.62	1	8/17/2005
1,2,3-Trichloropropane	BQL	5.62	1	8/17/2005
1,2,4-Trimethylbenzene	BQL	5.62	1	8/17/2005
1,3,5-Trimethylbenzene	BQL	5.62	1	8/17/2005
Vinyl chloride	BQL	5.62	1	8/17/2005
m-,p-Xylene	BQL	11.2	1	8/17/2005
o-Xylene	BQL	5.62	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	63	126
1,2-Dichloroethane-d4	50	48.3	97
Toluene-d8	50	52.7	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: RW

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-3C
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:00
Date Received: 8/10/2005
Matrix: Soil
%Solids: 91.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	56.2	1	8/17/2005
Benzene	BQL	5.62	1	8/17/2005
Bromobenzene	BQL	5.62	1	8/17/2005
Bromochloromethane	BQL	5.62	1	8/17/2005
Bromodichloromethane	BQL	5.62	1	8/17/2005
Bromoform	BQL	5.62	1	8/17/2005
Bromomethane	BQL	5.62	1	8/17/2005
2-Butanone	BQL	28.1	1	8/17/2005
n-Butylbenzene	BQL	5.62	1	8/17/2005
sec-Butylbenzene	BQL	5.62	1	8/17/2005
tert-Butylbenzene	BQL	5.62	1	8/17/2005
Carbon disulfide	BQL	5.62	1	8/17/2005
Carbon tetrachloride	BQL	5.62	1	8/17/2005
Chlorobenzene	BQL	5.62	1	8/17/2005
Chloroethane	BQL	5.62	1	8/17/2005
Chloroform	BQL	5.62	1	8/17/2005
Chloromethane	BQL	5.62	1	8/17/2005
2-Chlorotoluene	BQL	5.62	1	8/17/2005
4-Chlorotoluene	BQL	5.62	1	8/17/2005
Dibromochloromethane	BQL	5.62	1	8/17/2005
1,2-Dibromo-3-chloropropane	BQL	5.62	1	8/17/2005
Dibromomethane	BQL	5.62	1	8/17/2005
1,2-Dibromoethane (EDB)	BQL	5.62	1	8/17/2005
1,2-Dichlorobenzene	BQL	5.62	1	8/17/2005
1,3-Dichlorobenzene	BQL	5.62	1	8/17/2005
1,4-Dichlorobenzene	BQL	5.62	1	8/17/2005
trans-1,4-Dichloro-2-butene	BQL	5.62	1	8/17/2005
1,1-Dichloroethane	BQL	5.62	1	8/17/2005
1,1-Dichloroethene	BQL	5.62	1	8/17/2005
1,2-Dichloroethane	BQL	5.62	1	8/17/2005
cis-1,2-Dichloroethene	BQL	5.62	1	8/17/2005
trans-1,2-dichloroethene	BQL	5.62	1	8/17/2005
1,2-Dichloropropane	BQL	5.62	1	8/17/2005
1,3-Dichloropropane	BQL	5.62	1	8/17/2005
2,2-Dichloropropane	BQL	5.62	1	8/17/2005
1,1-Dichloropropene	BQL	5.62	1	8/17/2005
cis-1,3-Dichloropropene	BQL	5.62	1	8/17/2005
trans-1,3-Dichloropropene	BQL	5.62	1	8/17/2005
Dichlorodifluoromethane	BQL	5.62	1	8/17/2005
Diisopropyl ether (DIPE)	BQL	5.62	1	8/17/2005
Ethylbenzene	BQL	5.62	1	8/17/2005
Hexachlorobutadiene	BQL	5.62	1	8/17/2005
2-Hexanone	BQL	5.62	1	8/17/2005
Iodomethane	BQL	5.62	1	8/17/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-2A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 09:40
Date Received: 8/10/2005
Matrix: Soil
%Solids: 91.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.44	1	8/17/2005
4-Isopropyltoluene	BQL	5.44	1	8/17/2005
Methylene chloride	BQL	21.8	1	8/17/2005
4-Methyl-2-pentanone	BQL	5.44	1	8/17/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.44	1	8/17/2005
Naphthalene	BQL	5.44	1	8/17/2005
n-Propyl benzene	BQL	5.44	1	8/17/2005
Styrene	BQL	5.44	1	8/17/2005
1,1,1,2-Tetrachloroethane	BQL	5.44	1	8/17/2005
1,1,2,2-Tetrachloroethane	BQL	5.44	1	8/17/2005
Tetrachloroethene	BQL	5.44	1	8/17/2005
Toluene	BQL	5.44	1	8/17/2005
1,2,3-Trichlorobenzene	BQL	5.44	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	5.44	1	8/17/2005
Trichloroethene	BQL	5.44	1	8/17/2005
1,1,1-Trichloroethane	BQL	5.44	1	8/17/2005
1,1,2-Trichloroethane	BQL	5.44	1	8/17/2005
Trichlorofluoromethane	BQL	5.44	1	8/17/2005
1,2,3-Trichloropropane	BQL	5.44	1	8/17/2005
1,2,4-Trimethylbenzene	BQL	5.44	1	8/17/2005
1,3,5-Trimethylbenzene	BQL	5.44	1	8/17/2005
Vinyl chloride	BQL	5.44	1	8/17/2005
m-,p-Xylene	BQL	10.9	1	8/17/2005
o-Xylene	BQL	5.44	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	56.9	114
1,2-Dichloroethane-d4	50	41.3	83
Toluene-d8	50	49.5	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-2A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 09:40
Date Received: 8/10/2005
Matrix: Soil
%Solids: 91.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	54.4	1	8/17/2005
Benzene	BQL	5.44	1	8/17/2005
Bromobenzene	BQL	5.44	1	8/17/2005
Bromochloromethane	BQL	5.44	1	8/17/2005
Bromodichloromethane	BQL	5.44	1	8/17/2005
Bromoform	BQL	5.44	1	8/17/2005
Bromomethane	BQL	5.44	1	8/17/2005
2-Butanone	BQL	27.2	1	8/17/2005
n-Butylbenzene	BQL	5.44	1	8/17/2005
sec-Butylbenzene	BQL	5.44	1	8/17/2005
tert-Butylbenzene	BQL	5.44	1	8/17/2005
Carbon disulfide	BQL	5.44	1	8/17/2005
Carbon tetrachloride	BQL	5.44	1	8/17/2005
Chlorobenzene	BQL	5.44	1	8/17/2005
Chloroethane	BQL	5.44	1	8/17/2005
Chloroform	BQL	5.44	1	8/17/2005
Chloromethane	BQL	5.44	1	8/17/2005
2-Chlorotoluene	BQL	5.44	1	8/17/2005
4-Chlorotoluene	BQL	5.44	1	8/17/2005
Dibromochloromethane	BQL	5.44	1	8/17/2005
1,2-Dibromo-3-chloropropane	BQL	5.44	1	8/17/2005
Dibromomethane	BQL	5.44	1	8/17/2005
1,2-Dibromoethane (EDB)	BQL	5.44	1	8/17/2005
1,2-Dichlorobenzene	BQL	5.44	1	8/17/2005
1,3-Dichlorobenzene	BQL	5.44	1	8/17/2005
1,4-Dichlorobenzene	BQL	5.44	1	8/17/2005
trans-1,4-Dichloro-2-butene	BQL	5.44	1	8/17/2005
1,1-Dichloroethane	BQL	5.44	1	8/17/2005
1,1-Dichloroethene	BQL	5.44	1	8/17/2005
1,2-Dichloroethane	BQL	5.44	1	8/17/2005
cis-1,2-Dichloroethene	BQL	5.44	1	8/17/2005
trans-1,2-dichloroethene	BQL	5.44	1	8/17/2005
1,2-Dichloropropane	BQL	5.44	1	8/17/2005
1,3-Dichloropropane	BQL	5.44	1	8/17/2005
2,2-Dichloropropane	BQL	5.44	1	8/17/2005
1,1-Dichloropropene	BQL	5.44	1	8/17/2005
cis-1,3-Dichloropropene	BQL	5.44	1	8/17/2005
trans-1,3-Dichloropropene	BQL	5.44	1	8/17/2005
Dichlorodifluoromethane	BQL	5.44	1	8/17/2005
Diisopropyl ether (DIPE)	BQL	5.44	1	8/17/2005
Ethylbenzene	BQL	5.44	1	8/17/2005
Hexachlorobutadiene	BQL	5.44	1	8/17/2005
2-Hexanone	BQL	5.44	1	8/17/2005
Iodomethane	BQL	5.44	1	8/17/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-1A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 09:00
Date Received: 8/10/2005
Matrix: Soil
%Solids: 83.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	6.29	1	8/17/2005
4-Isopropyltoluene	BQL	6.29	1	8/17/2005
Methylene chloride	BQL	25.2	1	8/17/2005
4-Methyl-2-pentanone	BQL	6.29	1	8/17/2005
Methyl-tert-butyl ether (MTBE)	BQL	6.29	1	8/17/2005
Naphthalene	BQL	6.29	1	8/17/2005
n-Propyl benzene	BQL	6.29	1	8/17/2005
Styrene	BQL	6.29	1	8/17/2005
1,1,1,2-Tetrachloroethane	BQL	6.29	1	8/17/2005
1,1,2,2-Tetrachloroethane	BQL	6.29	1	8/17/2005
Tetrachloroethene	BQL	6.29	1	8/17/2005
Toluene	BQL	6.29	1	8/17/2005
1,2,3-Trichlorobenzene	BQL	6.29	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	6.29	1	8/17/2005
Trichloroethene	BQL	6.29	1	8/17/2005
1,1,1-Trichloroethane	BQL	6.29	1	8/17/2005
1,1,2-Trichloroethane	BQL	6.29	1	8/17/2005
Trichlorofluoromethane	BQL	6.29	1	8/17/2005
1,2,3-Trichloropropane	BQL	6.29	1	8/17/2005
1,2,4-Trimethylbenzene	BQL	6.29	1	8/17/2005
1,3,5-Trimethylbenzene	BQL	6.29	1	8/17/2005
Vinyl chloride	BQL	6.29	1	8/17/2005
m-,p-Xylene	BQL	12.6	1	8/17/2005
o-Xylene	BQL	6.29	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	70	140
1,2-Dichloroethane-d4	50	39.9	80
Toluene-d8	50	51.5	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-1A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 09:00
Date Received: 8/10/2005
Matrix: Soil
%Solids: 83.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	62.9	1	8/17/2005
Benzene	BQL	6.29	1	8/17/2005
Bromobenzene	BQL	6.29	1	8/17/2005
Bromochloromethane	BQL	6.29	1	8/17/2005
Bromodichloromethane	BQL	6.29	1	8/17/2005
Bromoform	BQL	6.29	1	8/17/2005
Bromomethane	BQL	6.29	1	8/17/2005
2-Butanone	BQL	31.5	1	8/17/2005
n-Butylbenzene	BQL	6.29	1	8/17/2005
sec-Butylbenzene	BQL	6.29	1	8/17/2005
tert-Butylbenzene	BQL	6.29	1	8/17/2005
Carbon disulfide	BQL	6.29	1	8/17/2005
Carbon tetrachloride	BQL	6.29	1	8/17/2005
Chlorobenzene	BQL	6.29	1	8/17/2005
Chloroethane	BQL	6.29	1	8/17/2005
Chloroform	BQL	6.29	1	8/17/2005
Chloromethane	BQL	6.29	1	8/17/2005
2-Chlorotoluene	BQL	6.29	1	8/17/2005
4-Chlorotoluene	BQL	6.29	1	8/17/2005
Dibromochloromethane	BQL	6.29	1	8/17/2005
1,2-Dibromo-3-chloropropane	BQL	6.29	1	8/17/2005
Dibromomethane	BQL	6.29	1	8/17/2005
1,2-Dibromoethane (EDB)	BQL	6.29	1	8/17/2005
1,2-Dichlorobenzene	BQL	6.29	1	8/17/2005
1,3-Dichlorobenzene	BQL	6.29	1	8/17/2005
1,4-Dichlorobenzene	BQL	6.29	1	8/17/2005
trans-1,4-Dichloro-2-butene	BQL	6.29	1	8/17/2005
1,1-Dichloroethane	BQL	6.29	1	8/17/2005
1,1-Dichloroethene	BQL	6.29	1	8/17/2005
1,2-Dichloroethane	BQL	6.29	1	8/17/2005
cis-1,2-Dichloroethene	BQL	6.29	1	8/17/2005
trans-1,2-dichloroethene	BQL	6.29	1	8/17/2005
1,2-Dichloropropane	BQL	6.29	1	8/17/2005
1,3-Dichloropropane	BQL	6.29	1	8/17/2005
2,2-Dichloropropane	BQL	6.29	1	8/17/2005
1,1-Dichloropropene	BQL	6.29	1	8/17/2005
cis-1,3-Dichloropropene	BQL	6.29	1	8/17/2005
trans-1,3-Dichloropropene	BQL	6.29	1	8/17/2005
Dichlorodifluoromethane	BQL	6.29	1	8/17/2005
Diisopropyl ether (DIPE)	BQL	6.29	1	8/17/2005
Ethylbenzene	BQL	6.29	1	8/17/2005
Hexachlorobutadiene	BQL	6.29	1	8/17/2005
2-Hexanone	BQL	6.29	1	8/17/2005
Iodomethane	BQL	6.29	1	8/17/2005

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-533

Client Project: Parcel 8 Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

8-30-05

Laboratory Director Date
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP# U-2826A WBS. 34371.1.1

COC# 507

Page 1 of 1

9 of 9

Client: EIL
Project ID: Parcel 11 - Waste Mgmt
Date: 9.29.05
Report To: Darren R. Lockhart
Address: 2101 Gateway Centre
Contact: Darren L.
Turnaround: 5-Day
Address: Ste 290, Morrisville NC
Phone: 919.657.5500.273
Job Number: EDMOS0015.00
Quote #: 27560
Fax: dlockhart@eil.com
P.O. Number:
Invoice To: NCDOT (TIP U-2826A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses: 8260 Full Suite	Analyses: TPH-DRO									Comments: Please specify any special reporting requirements
HA P11GPQ-1	09.29.05	0720	S					X										G106-555
HA P11GPR-1	09.29.05	0940	S					X										
HA P11GPS-1.5	09.29.05	0950	S					X										
P11HAT-4	"	1425	S						X									
P11HAU-4	"	1445	S						X									
P11HAV-35	"	1500	S						X									

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Darren R. Lockhart	9/29/05	1800	[illegible]	9/30/05	1010	5-20°C	NC ____ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. CERTIFICATION #481

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.092205.2

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11HAV-3.5
Client Project ID: Parcel 11-Waste Mgmt. Tip#U-2826A
Lab Sample ID: G106-555-6
Lab Project ID: G106-555
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/29/05 15:00
Date Received: 9/30/05
Matrix: Soil
Solids 80.27

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.71	3545	1	10/05/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11HAU-4
Client Project ID: Parcel 11-Waste Mgmt. Tip#U-2826A
Lab Sample ID: G106-555-5
Lab Project ID: G106-555
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/29/05 14:45
Date Received: 9/30/05
Matrix: Soil
Solids 79.07

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.8	3545	1	10/05/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID:	P11HAT-4	Analyzed By:	DCS
Client Project ID:	Parcel 11-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/05 14:25
Lab Sample ID:	G106-555-4	Date Received:	9/30/05
Lab Project ID:	G106-555	Matrix:	Soil
Report Basis:	Dry Weight	Solids	79.52

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.68	3545	1	10/05/05

Comments:

Reviewed By: _____

Results for Metals

Client Sample ID:	P11HAS-1.5	Analyzed By:	PSW
Client Project ID:	Parcel 11-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 09:50
Lab Sample ID:	G106-555-3	Date Received:	9/30/2005
Lab Project ID:	G106-555	Matrix:	SOIL
Batch ID:	3758 3763	Solids	96.51
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	0.964	0.878	1	MG/KG	6010B	10/5/2005
Barium	BQL	8.78	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	0.878	1	MG/KG	6010B	10/5/2005
Chromium	1.10	0.878	1	MG/KG	6010B	10/5/2005
Lead	7.31	0.878	1	MG/KG	6010B	10/5/2005
Mercury	BQL	0.0188	1	MG/KG	7471	10/4/2005
Selenium	BQL	1.76	1	MG/KG	6010B	10/5/2005
Silver	BQL	0.878	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: RJV
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P11HAR-1	Analyzed By:	PSW
Client Project ID:	Parcel 11-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 09:40
Lab Sample ID:	G106-555-2	Date Received:	9/30/2005
Lab Project ID:	G106-555	Matrix:	SOIL
Batch ID:	3758 3763	Solids	85.44
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	8.42	1.13	1	MG/KG	6010B	10/5/2005
Barium	18.8	11.3	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.13	1	MG/KG	6010B	10/5/2005
Chromium	19.6	1.13	1	MG/KG	6010B	10/5/2005
Lead	22.2	1.13	1	MG/KG	6010B	10/5/2005
Mercury	0.0502	0.0225	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.25	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.13	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P11HAQ-1	Analyzed By:	PSW
Client Project ID:	Parcel 11-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 09:20
Lab Sample ID:	G106-555-1	Date Received:	9/30/2005
Lab Project ID:	G106-555	Matrix:	SOIL
Batch ID:	3758 3763	Solids	85.14
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	4.64	1.09	1	MG/KG	6010B	10/5/2005
Barium	15.8	10.9	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.09	1	MG/KG	6010B	10/5/2005
Chromium	15.9	1.09	1	MG/KG	6010B	10/5/2005
Lead	23.5	1.09	1	MG/KG	6010B	10/5/2005
Mercury	0.0453	0.0228	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.18	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.09	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP11-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-1H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 10:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 73.95

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	413	1	9/14/2005
Acenaphthylene	BQL	413	1	9/14/2005
Anthracene	BQL	413	1	9/14/2005
Benzo[a]anthracene	BQL	413	1	9/14/2005
Benzo[a]pyrene	BQL	413	1	9/14/2005
Benzo[b]fluoranthene	BQL	413	1	9/14/2005
Benzo[g,h,i]perylene	BQL	413	1	9/14/2005
Benzo[k]fluoranthene	BQL	413	1	9/14/2005
Benzoic Acid	BQL	826	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	413	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	413	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	413	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	413	1	9/14/2005
4-bromophenyl phenyl ether	BQL	413	1	9/14/2005
Butylbenzylphthalate	BQL	413	1	9/14/2005
2-Chloronaphthalene	BQL	413	1	9/14/2005
2-Chlorophenol	BQL	413	1	9/14/2005
4-Chloro-3-methylphenol	BQL	413	1	9/14/2005
4-Chloroaniline	BQL	2070	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	413	1	9/14/2005
Chrysene	BQL	413	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	413	1	9/14/2005
Dibenzofuran	BQL	413	1	9/14/2005
Di-n-Butylphthalate	BQL	413	1	9/14/2005
1,2-Dichlorobenzene	BQL	413	1	9/14/2005
1,3-Dichlorobenzene	BQL	413	1	9/14/2005
1,4-Dichlorobenzene	BQL	413	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	826	1	9/14/2005
2,4-Dichlorophenol	BQL	413	1	9/14/2005
Diethylphthalate	BQL	413	1	9/14/2005
Dimethylphthalate	BQL	413	1	9/14/2005
2,4-Dimethylphenol	BQL	413	1	9/14/2005
Di-n-octylphthalate	BQL	413	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	2070	1	9/14/2005
2,4-Dinitrophenol	BQL	2070	1	9/14/2005
2,4-Dinitrotoluene	BQL	413	1	9/14/2005
2,6-Dinitrotoluene	BQL	413	1	9/14/2005
Diphenylamine *	BQL	413	1	9/14/2005
Fluoranthene	BQL	413	1	9/14/2005
Fluorene	BQL	413	1	9/14/2005
Hexachlorobenzene	BQL	413	1	9/14/2005
Hexachlorobutadiene	BQL	413	1	9/14/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP22-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-4A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 12:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 88.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.40	1	9/13/05
Iodomethane	BQL	5.40	1	9/13/05
Isopropylbenzene	BQL	5.40	1	9/13/05
4-Isopropyltoluene	BQL	5.40	1	9/13/05
Methylene chloride	BQL	21.6	1	9/13/05
4-Methyl-2-pentanone	BQL	5.40	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	5.40	1	9/13/05
Naphthalene	BQL	5.40	1	9/13/05
n-Propyl benzene	BQL	5.40	1	9/13/05
Styrene	BQL	5.40	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	5.40	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	5.40	1	9/13/05
Tetrachloroethene	BQL	5.40	1	9/13/05
Toluene	BQL	5.40	1	9/13/05
1,2,3-Trichlorobenzene	BQL	5.40	1	9/13/05
1,2,4-Trichlorobenzene	BQL	5.40	1	9/13/05
Trichloroethene	BQL	5.40	1	9/13/05
1,1,1-Trichloroethane	BQL	5.40	1	9/13/05
1,1,2-Trichloroethane	BQL	5.40	1	9/13/05
Trichlorofluoromethane	BQL	5.40	1	9/13/05
1,2,3-Trichloropropane	BQL	5.40	1	9/13/05
1,2,4-Trimethylbenzene	BQL	5.40	1	9/13/05
1,3,5-Trimethylbenzene	BQL	5.40	1	9/13/05
Vinyl chloride	BQL	5.40	1	9/13/05
m-,p-Xylene	BQL	10.8	1	9/13/05
o-Xylene	BQL	5.40	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	44.3	89
1,2-Dichloroethane-d4	50	61.8	124
Toluene-d8	50	50.4	101

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP22-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-4A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 12:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 88.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	54.0	1	9/13/05
Benzene	BQL	5.40	1	9/13/05
Bromobenzene	BQL	5.40	1	9/13/05
Bromochloromethane	BQL	5.40	1	9/13/05
Bromodichloromethane	BQL	5.40	1	9/13/05
Bromoform	BQL	5.40	1	9/13/05
Bromomethane	BQL	5.40	1	9/13/05
2-Butanone	BQL	27.0	1	9/13/05
n-Butylbenzene	BQL	5.40	1	9/13/05
sec-Butylbenzene	BQL	5.40	1	9/13/05
tert-Butylbenzene	BQL	5.40	1	9/13/05
Carbon disulfide	BQL	5.40	1	9/13/05
Carbon tetrachloride	BQL	5.40	1	9/13/05
Chlorobenzene	BQL	5.40	1	9/13/05
Chloroethane	BQL	5.40	1	9/13/05
Chloroform	BQL	5.40	1	9/13/05
Chloromethane	BQL	5.40	1	9/13/05
2-Chlorotoluene	BQL	5.40	1	9/13/05
4-Chlorotoluene	BQL	5.40	1	9/13/05
Dibromochloromethane	BQL	5.40	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	5.40	1	9/13/05
Dibromomethane	BQL	5.40	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	5.40	1	9/13/05
1,2-Dichlorobenzene	BQL	5.40	1	9/13/05
1,3-Dichlorobenzene	BQL	5.40	1	9/13/05
1,4-Dichlorobenzene	BQL	5.40	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	5.40	1	9/13/05
1,1-Dichloroethane	BQL	5.40	1	9/13/05
1,1-Dichloroethene	BQL	5.40	1	9/13/05
1,2-Dichloroethane	BQL	5.40	1	9/13/05
cis-1,2-Dichloroethene	BQL	5.40	1	9/13/05
trans-1,2-dichloroethene	BQL	5.40	1	9/13/05
1,2-Dichloropropane	BQL	5.40	1	9/13/05
1,3-Dichloropropane	BQL	5.40	1	9/13/05
2,2-Dichloropropane	BQL	5.40	1	9/13/05
1,1-Dichloropropene	BQL	5.40	1	9/13/05
cis-1,3-Dichloropropene	BQL	5.40	1	9/13/05
trans-1,3-Dichloropropene	BQL	5.40	1	9/13/05
Dichlorodifluoromethane	BQL	5.40	1	9/13/05
Diisopropyl ether (DIPE)	BQL	5.40	1	9/13/05
Ethylbenzene	BQL	5.40	1	9/13/05
Hexachlorobutadiene	BQL	5.40	1	9/13/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP13-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-3A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 11:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 86.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	7.27	1	9/13/05
Iodomethane	BQL	7.27	1	9/13/05
Isopropylbenzene	BQL	7.27	1	9/13/05
4-Isopropyltoluene	BQL	7.27	1	9/13/05
Methylene chloride	BQL	29.1	1	9/13/05
4-Methyl-2-pentanone	BQL	7.27	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	7.27	1	9/13/05
Naphthalene	BQL	7.27	1	9/13/05
n-Propyl benzene	BQL	7.27	1	9/13/05
Styrene	BQL	7.27	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	7.27	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	7.27	1	9/13/05
Tetrachloroethene	BQL	7.27	1	9/13/05
Toluene	BQL	7.27	1	9/13/05
1,2,3-Trichlorobenzene	BQL	7.27	1	9/13/05
1,2,4-Trichlorobenzene	BQL	7.27	1	9/13/05
Trichloroethene	BQL	7.27	1	9/13/05
1,1,1-Trichloroethane	BQL	7.27	1	9/13/05
1,1,2-Trichloroethane	BQL	7.27	1	9/13/05
Trichlorofluoromethane	BQL	7.27	1	9/13/05
1,2,3-Trichloropropane	BQL	7.27	1	9/13/05
1,2,4-Trimethylbenzene	BQL	7.27	1	9/13/05
1,3,5-Trimethylbenzene	BQL	7.27	1	9/13/05
Vinyl chloride	BQL	7.27	1	9/13/05
m-,p-Xylene	BQL	14.5	1	9/13/05
o-Xylene	BQL	7.27	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	43.3	87
1,2-Dichloroethane-d4	50	62	124
Toluene-d8	50	51.7	103

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: mc

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP13-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-3A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 11:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 86.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	72.7	1	9/13/05
Benzene	BQL	7.27	1	9/13/05
Bromobenzene	BQL	7.27	1	9/13/05
Bromochloromethane	BQL	7.27	1	9/13/05
Bromodichloromethane	BQL	7.27	1	9/13/05
Bromoform	BQL	7.27	1	9/13/05
Bromomethane	BQL	7.27	1	9/13/05
2-Butanone	BQL	36.4	1	9/13/05
n-Butylbenzene	BQL	7.27	1	9/13/05
sec-Butylbenzene	BQL	7.27	1	9/13/05
tert-Butylbenzene	BQL	7.27	1	9/13/05
Carbon disulfide	BQL	7.27	1	9/13/05
Carbon tetrachloride	BQL	7.27	1	9/13/05
Chlorobenzene	BQL	7.27	1	9/13/05
Chloroethane	BQL	7.27	1	9/13/05
Chloroform	BQL	7.27	1	9/13/05
Chloromethane	BQL	7.27	1	9/13/05
2-Chlorotoluene	BQL	7.27	1	9/13/05
4-Chlorotoluene	BQL	7.27	1	9/13/05
Dibromochloromethane	BQL	7.27	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	7.27	1	9/13/05
Dibromomethane	BQL	7.27	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	7.27	1	9/13/05
1,2-Dichlorobenzene	BQL	7.27	1	9/13/05
1,3-Dichlorobenzene	BQL	7.27	1	9/13/05
1,4-Dichlorobenzene	BQL	7.27	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	7.27	1	9/13/05
1,1-Dichloroethane	BQL	7.27	1	9/13/05
1,1-Dichloroethene	BQL	7.27	1	9/13/05
1,2-Dichloroethane	BQL	7.27	1	9/13/05
cis-1,2-Dichloroethene	BQL	7.27	1	9/13/05
trans-1,2-dichloroethene	BQL	7.27	1	9/13/05
1,2-Dichloropropane	BQL	7.27	1	9/13/05
1,3-Dichloropropane	BQL	7.27	1	9/13/05
2,2-Dichloropropane	BQL	7.27	1	9/13/05
1,1-Dichloropropene	BQL	7.27	1	9/13/05
cis-1,3-Dichloropropene	BQL	7.27	1	9/13/05
trans-1,3-Dichloropropene	BQL	7.27	1	9/13/05
Dichlorodifluoromethane	BQL	7.27	1	9/13/05
Diisopropyl ether (DIPE)	BQL	7.27	1	9/13/05
Ethylbenzene	BQL	7.27	1	9/13/05
Hexachlorobutadiene	BQL	7.27	1	9/13/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP12-5
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-2A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 10:45
Date Received: 9/10/05
Matrix: Soil
%Solids: 82.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	7.91	1	9/13/05
Iodomethane	BQL	7.91	1	9/13/05
Isopropylbenzene	BQL	7.91	1	9/13/05
4-Isopropyltoluene	BQL	7.91	1	9/13/05
Methylene chloride	BQL	31.7	1	9/13/05
4-Methyl-2-pentanone	BQL	7.91	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	7.91	1	9/13/05
Naphthalene	BQL	7.91	1	9/13/05
n-Propyl benzene	BQL	7.91	1	9/13/05
Styrene	BQL	7.91	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	7.91	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	7.91	1	9/13/05
Tetrachloroethene	BQL	7.91	1	9/13/05
Toluene	BQL	7.91	1	9/13/05
1,2,3-Trichlorobenzene	BQL	7.91	1	9/13/05
1,2,4-Trichlorobenzene	BQL	7.91	1	9/13/05
Trichloroethene	BQL	7.91	1	9/13/05
1,1,1-Trichloroethane	BQL	7.91	1	9/13/05
1,1,2-Trichloroethane	BQL	7.91	1	9/13/05
Trichlorofluoromethane	BQL	7.91	1	9/13/05
1,2,3-Trichloropropane	BQL	7.91	1	9/13/05
1,2,4-Trimethylbenzene	BQL	7.91	1	9/13/05
1,3,5-Trimethylbenzene	BQL	7.91	1	9/13/05
Vinyl chloride	BQL	7.91	1	9/13/05
m-,p-Xylene	BQL	15.8	1	9/13/05
o-Xylene	BQL	7.91	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	42.4	85
1,2-Dichloroethane-d4	50	62.2	124
Toluene-d8	50	52.7	105

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: mc

GCMS_LIMS_SOLO_V1

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP12-5
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-2A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 10:45
Date Received: 9/10/05
Matrix: Soil
%Solids: 82.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	79.1	1	9/13/05
Benzene	BQL	7.91	1	9/13/05
Bromobenzene	BQL	7.91	1	9/13/05
Bromochloromethane	BQL	7.91	1	9/13/05
Bromodichloromethane	BQL	7.91	1	9/13/05
Bromoform	BQL	7.91	1	9/13/05
Bromomethane	BQL	7.91	1	9/13/05
2-Butanone	BQL	39.6	1	9/13/05
n-Butylbenzene	BQL	7.91	1	9/13/05
sec-Butylbenzene	BQL	7.91	1	9/13/05
tert-Butylbenzene	BQL	7.91	1	9/13/05
Carbon disulfide	BQL	7.91	1	9/13/05
Carbon tetrachloride	BQL	7.91	1	9/13/05
Chlorobenzene	BQL	7.91	1	9/13/05
Chloroethane	BQL	7.91	1	9/13/05
Chloroform	BQL	7.91	1	9/13/05
Chloromethane	BQL	7.91	1	9/13/05
2-Chlorotoluene	BQL	7.91	1	9/13/05
4-Chlorotoluene	BQL	7.91	1	9/13/05
Dibromochloromethane	BQL	7.91	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	7.91	1	9/13/05
Dibromomethane	BQL	7.91	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	7.91	1	9/13/05
1,2-Dichlorobenzene	BQL	7.91	1	9/13/05
1,3-Dichlorobenzene	BQL	7.91	1	9/13/05
1,4-Dichlorobenzene	BQL	7.91	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	7.91	1	9/13/05
1,1-Dichloroethane	BQL	7.91	1	9/13/05
1,1-Dichloroethene	BQL	7.91	1	9/13/05
1,2-Dichloroethane	BQL	7.91	1	9/13/05
cis-1,2-Dichloroethene	BQL	7.91	1	9/13/05
trans-1,2-dichloroethene	BQL	7.91	1	9/13/05
1,2-Dichloropropane	BQL	7.91	1	9/13/05
1,3-Dichloropropane	BQL	7.91	1	9/13/05
2,2-Dichloropropane	BQL	7.91	1	9/13/05
1,1-Dichloropropene	BQL	7.91	1	9/13/05
cis-1,3-Dichloropropene	BQL	7.91	1	9/13/05
trans-1,3-Dichloropropene	BQL	7.91	1	9/13/05
Dichlorodifluoromethane	BQL	7.91	1	9/13/05
Diisopropyl ether (DIPE)	BQL	7.91	1	9/13/05
Ethylbenzene	BQL	7.91	1	9/13/05
Hexachlorobutadiene	BQL	7.91	1	9/13/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP11-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-1A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 10:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 74.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	7.40	1	9/13/05
Iodomethane	BQL	7.40	1	9/13/05
Isopropylbenzene	BQL	7.40	1	9/13/05
4-Isopropyltoluene	BQL	7.40	1	9/13/05
Methylene chloride	BQL	29.6	1	9/13/05
4-Methyl-2-pentanone	BQL	7.40	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	7.40	1	9/13/05
Naphthalene	BQL	7.40	1	9/13/05
n-Propyl benzene	BQL	7.40	1	9/13/05
Styrene	BQL	7.40	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	7.40	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	7.40	1	9/13/05
Tetrachloroethene	9.19	7.40	1	9/13/05
Toluene	BQL	7.40	1	9/13/05
1,2,3-Trichlorobenzene	BQL	7.40	1	9/13/05
1,2,4-Trichlorobenzene	BQL	7.40	1	9/13/05
Trichloroethene	BQL	7.40	1	9/13/05
1,1,1-Trichloroethane	BQL	7.40	1	9/13/05
1,1,2-Trichloroethane	BQL	7.40	1	9/13/05
Trichlorofluoromethane	BQL	7.40	1	9/13/05
1,2,3-Trichloropropane	BQL	7.40	1	9/13/05
1,2,4-Trimethylbenzene	BQL	7.40	1	9/13/05
1,3,5-Trimethylbenzene	BQL	7.40	1	9/13/05
Vinyl chloride	BQL	7.40	1	9/13/05
m-,p-Xylene	BQL	14.8	1	9/13/05
o-Xylene	BQL	7.40	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	44.3	89
1,2-Dichloroethane-d4	50	64.3	129
Toluene-d8	50	51.7	104

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP11-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-1A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 10:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 74.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	74.0	1	9/13/05
Benzene	BQL	7.40	1	9/13/05
Bromobenzene	BQL	7.40	1	9/13/05
Bromochloromethane	BQL	7.40	1	9/13/05
Bromodichloromethane	BQL	7.40	1	9/13/05
Bromoform	BQL	7.40	1	9/13/05
Bromomethane	BQL	7.40	1	9/13/05
2-Butanone	BQL	37.0	1	9/13/05
n-Butylbenzene	BQL	7.40	1	9/13/05
sec-Butylbenzene	BQL	7.40	1	9/13/05
tert-Butylbenzene	BQL	7.40	1	9/13/05
Carbon disulfide	BQL	7.40	1	9/13/05
Carbon tetrachloride	BQL	7.40	1	9/13/05
Chlorobenzene	BQL	7.40	1	9/13/05
Chloroethane	BQL	7.40	1	9/13/05
Chloroform	BQL	7.40	1	9/13/05
Chloromethane	BQL	7.40	1	9/13/05
2-Chlorotoluene	BQL	7.40	1	9/13/05
4-Chlorotoluene	BQL	7.40	1	9/13/05
Dibromochloromethane	BQL	7.40	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	7.40	1	9/13/05
Dibromomethane	BQL	7.40	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	7.40	1	9/13/05
1,2-Dichlorobenzene	BQL	7.40	1	9/13/05
1,3-Dichlorobenzene	BQL	7.40	1	9/13/05
1,4-Dichlorobenzene	BQL	7.40	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	7.40	1	9/13/05
1,1-Dichloroethane	BQL	7.40	1	9/13/05
1,1-Dichloroethene	BQL	7.40	1	9/13/05
1,2-Dichloroethane	BQL	7.40	1	9/13/05
cis-1,2-Dichloroethene	BQL	7.40	1	9/13/05
trans-1,2-dichloroethene	BQL	7.40	1	9/13/05
1,2-Dichloropropane	BQL	7.40	1	9/13/05
1,3-Dichloropropane	BQL	7.40	1	9/13/05
2,2-Dichloropropane	BQL	7.40	1	9/13/05
1,1-Dichloropropene	BQL	7.40	1	9/13/05
cis-1,3-Dichloropropene	BQL	7.40	1	9/13/05
trans-1,3-Dichloropropene	BQL	7.40	1	9/13/05
Dichlorodifluoromethane	BQL	7.40	1	9/13/05
Diisopropyl ether (DIPE)	BQL	7.40	1	9/13/05
Ethylbenzene	BQL	7.40	1	9/13/05
Hexachlorobutadiene	BQL	7.40	1	9/13/05

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID:	P6GPDEL	Analyzed By:	DCS
Client Project ID:	NCDOT-Forsyth Tip #U-2826A	Date Collected:	9/8/05 12:30
Lab Sample ID:	G106-551-5	Date Received:	9/10/05
Lab Project ID:	G106-551	Matrix:	Soil
Report Basis:	Dry Weight	Solids	77.11

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.84	5035	1	09/12/05
Diesel Range Organics	BQL	7.95	3545	1	09/14/05

Comments:

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-551

Client Project: NCDOT-Forsyth Tip #U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

9/16/05

Laboratory Director Date
J. Patrick Weaver

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP# U2826A WBS 34871.1.1

COC# 48833

Page _____ of _____

Client: ET, INC.
Address: 210 GATEWAY/CONTRACTOR BLVD
Address: SUITE 200, MORRISVILLE, NC 27560
Quote #:

Project ID: PARCEL 8
Contact: DARREN COCKHAM
Phone: 919-544-7500
Fax: 919-544-2199

Date: 8-10-05
Turnaround: STANDARD
Job Number:
P.O. Number:

Report To: DARREN COCKHAM

Invoice To: NCDOT (TIP# U2826A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses: 8081	8260	8270	8 RCRA Metals							Comments: Please specify any special reporting requirements
P086P1-20	8-10-05	0900	SOIL					X	X	X	X							G106-533
P086P2-13		0940						X	X	X	X							
P086P3-08		1000						X	X	X	X							
P086P4-20		1015						X	X	X	X							
P086P5-20		1045						X	X	X	X							

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[signature]	8-10-05		[signature]	8/10/05	10:48	on ice	NC ✓ SC ____ Other ____
[signature]	8-10-05	1:30	[signature]	8/10/05	1645	on ice	SEE REVERSE FOR TERMS AND CONDITIONS
						1.6, 2.3, 2.6°C	

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Metals

Client Sample ID:	P8GP5-20	Analyzed By:	PSW
Client Project ID:	Parcel 8 Tip#U-2826A	Date Collected:	8/10/2005 10:45
Lab Sample ID:	G106-533-5	Date Received:	8/10/2005
Lab Project ID:	G106-533	Matrix:	SOIL
Batch ID:	3533 3516	Solids	84.29
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	1.68	1.08	1	MG/KG	6010B	8/25/2005
Barium	BQL	10.8	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.08	1	MG/KG	6010B	8/25/2005
Chromium	1.68	1.08	1	MG/KG	6010B	8/25/2005
Lead	16.3	1.08	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0218	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.16	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.08	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P8GP4-20	Analyzed By:	PSW
Client Project ID:	Parcel 8 Tip#U-2826A	Date Collected:	8/10/2005 10:15
Lab Sample ID:	G106-533-4	Date Received:	8/10/2005
Lab Project ID:	G106-533	Matrix:	SOIL
Batch ID:	3533 3516	Solids	78.39
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	**1.97**	1.16	1	MG/KG	6010B	8/25/2005
Barium	**42.2**	11.6	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.16	1	MG/KG	6010B	8/25/2005
Chromium	**3.56**	1.16	1	MG/KG	6010B	8/25/2005
Lead	**46.0**	1.16	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0241	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.32	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.16	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P8GP3-08	Analyzed By:	PSW
Client Project ID:	Parcel 8 Tip#U-2826A	Date Collected:	8/10/2005 10:00
Lab Sample ID:	G106-533-3	Date Received:	8/10/2005
Lab Project ID:	G106-533	Matrix:	SOIL
Batch ID:	3533 3515	Solids	91.34
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	7.30	0.995	1	MG/KG	6010B	8/25/2005
Barium	63.1	9.95	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	0.995	1	MG/KG	6010B	8/25/2005
Chromium	BQL	0.995	1	MG/KG	6010B	8/25/2005
Lead	342	0.995	1	MG/KG	6010B	8/25/2005
Mercury	0.0237	0.0205	1	MG/KG	7471	8/29/2005
Selenium	BQL	1.99	1	MG/KG	6010B	8/25/2005
Silver	BQL	0.995	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P8GP2-13	Analyzed By:	PSW
Client Project ID:	Parcel 8 Tlp#U-2826A	Date Collected:	8/10/2005 09:40
Lab Sample ID:	G106-533-2	Date Received:	8/10/2005
Lab Project ID:	G106-533	Matrix:	SOIL
Batch ID:	3533 3515	Solids	91.30
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.01	1	MG/KG	6010B	8/25/2005
Barium	BQL	10.1	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.01	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.01	1	MG/KG	6010B	8/25/2005
Lead	12.7	1.01	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0217	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.03	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.01	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P8GP1-20	Analyzed By:	PSW
Client Project ID:	Parcel 8 Tip#U-2826A	Date Collected:	8/10/2005 09:00
Lab Sample ID:	G106-533-1	Date Received:	8/10/2005
Lab Project ID:	G106-533	Matrix:	SOIL
Batch ID:	3533 3515	Solids	83.45
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	3.03	1.13	1	MG/KG	6010B	8/25/2005
Barium	BQL	11.3	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.13	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.13	1	MG/KG	6010B	8/25/2005
Lead	12.1	1.13	1	MG/KG	6010B	8/25/2005
Mercury	0.0253	0.0224	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.26	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.13	1	MG/KG	6010B	8/25/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: _____
MET_LIMS_3.3

Results for Pesticides
by EPA 8081

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-5J
Lab Project ID: G106-533
Sample Wt/Vol: 33.62 g ColumnID: STX_CLPest
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 8/10/05 10:45
Date Received: 8/10/05
Date Extracted: 1/0/00
Matrix: Soil
% Solids: 84.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
alpha-BHC	BQL	17.6	1	8/20/05
beta-BHC	BQL	17.6	1	8/20/05
delta-BHC	BQL	17.6	1	8/20/05
gamma-BHC (Lindane)	BQL	17.6	1	8/20/05
Heptachlor	BQL	17.6	1	8/20/05
Aldrin	BQL	17.6	1	8/20/05
Heptachlor epoxide	BQL	17.6	1	8/20/05
Endosulfan I	BQL	17.6	1	8/20/05
Dieldrin	BQL	17.6	1	8/20/05
4,4'-DDE	BQL	17.6	1	8/20/05
Endrin	BQL	17.6	1	8/20/05
DDD	BQL	17.6	1	8/20/05
Endosulfan II	BQL	17.6	1	8/20/05
4,4'-DDT	BQL	17.6	1	8/20/05
Methoxychlor	BQL	17.6	1	8/20/05
Toxaphene	BQL	17.6	1	8/20/05
alpha-Chlordane	BQL	17.6	1	8/20/05
gamma-Chlordane	BQL	17.6	1	8/20/05
Endrin aldehyde	BQL	17.6	1	8/20/05
Endosulfan sulfate	BQL	17.6	1	8/20/05
Endrin ketone	BQL	17.6	1	8/20/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	113	113

Comments:
BQL = Below Quantitation Limit

Reviewed By: _____

8081_LIMS_v1 33.XLS

Results for Pesticides
by EPA 8081

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-4J
Lab Project ID: G106-533
Sample Wt/Vol: 32.80 g ColumnID: STX_CLPest
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 8/10/05 10:15
Date Received: 8/10/05
Date Extracted: 1/0/00
Matrix: Soil
% Solids: 78.4

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
alpha-BHC	BQL	19.4	1	8/20/05
beta-BHC	BQL	19.4	1	8/20/05
delta-BHC	BQL	19.4	1	8/20/05
gamma-BHC (Lindane)	BQL	19.4	1	8/20/05
Heptachlor	BQL	19.4	1	8/20/05
Aldrin	BQL	19.4	1	8/20/05
Heptachlor epoxide	BQL	19.4	1	8/20/05
Endosulfan I	BQL	19.4	1	8/20/05
Dieldrin	BQL	19.4	1	8/20/05
4,4'-DDE	BQL	19.4	1	8/20/05
Endrin	BQL	19.4	1	8/20/05
DDD	BQL	19.4	1	8/20/05
Endosulfan II	BQL	19.4	1	8/20/05
4,4'-DDT	BQL	19.4	1	8/20/05
Methoxychlor	BQL	19.4	1	8/20/05
Toxaphene	BQL	19.4	1	8/20/05
alpha-Chlordane	BQL	19.4	1	8/20/05
gamma-Chlordane	BQL	19.4	1	8/20/05
Endrin aldehyde	BQL	19.4	1	8/20/05
Endosulfan sulfate	BQL	19.4	1	8/20/05
Endrin ketone	BQL	19.4	1	8/20/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	106	106

Comments:
BQL = Below Quantitation Limit

Reviewed By: _____

8081_LIMS_v1 33 XLS

Results for Pesticides
by EPA 8081

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-3J
Lab Project ID: G106-533
Sample Wt/Vol: 32.39 g ColumnID: STX_CLPest
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 8/10/05 10:00
Date Received: 8/10/05
Date Extracted: 1/0/00
Matrix: Soil
% Solids: 91.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
alpha-BHC	BQL	16.9	1	8/19/05
beta-BHC	BQL	16.9	1	8/19/05
delta-BHC	BQL	16.9	1	8/19/05
gamma-BHC (Lindane)	BQL	16.9	1	8/19/05
Heptachlor	BQL	16.9	1	8/19/05
Aldrin	BQL	16.9	1	8/19/05
Heptachlor epoxide	BQL	16.9	1	8/19/05
Endosulfan I	BQL	16.9	1	8/19/05
Dieldrin	BQL	16.9	1	8/19/05
4,4'-DDE	BQL	16.9	1	8/19/05
Endrin	BQL	16.9	1	8/19/05
DDD	BQL	16.9	1	8/19/05
Endosulfan II	BQL	16.9	1	8/19/05
4,4'-DDT	BQL	16.9	1	8/19/05
Methoxychlor	BQL	16.9	1	8/19/05
Toxaphene	BQL	16.9	1	8/19/05
alpha-Chlordane	BQL	16.9	1	8/19/05
gamma-Chlordane	BQL	16.9	1	8/19/05
Endrin aldehyde	BQL	16.9	1	8/19/05
Endosulfan sulfate	BQL	16.9	1	8/19/05
Endrin ketone	BQL	16.9	1	8/19/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	114	114

Comments:
BQL = Below Quantitation Limit

Reviewed By: _____

8081_LIMS_v1 33 XLS

Results for Pesticides
by EPA 8081

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tlp#U-2826A
Lab Sample ID: G106-533-2J
Lab Project ID: G106-533
Sample Wt/Vol: 33.60 g
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 8/10/05 9:40
Date Received: 8/10/05
Date Extracted: 1/0/00
ColumnID: STX_CLPest
Matrix: Soil
% Solids: 91.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
alpha-BHC	BQL	16.3	1	8/19/05
beta-BHC	BQL	16.3	1	8/19/05
delta-BHC	BQL	16.3	1	8/19/05
gamma-BHC (Lindane)	BQL	16.3	1	8/19/05
Heptachlor	BQL	16.3	1	8/19/05
Aldrin	BQL	16.3	1	8/19/05
Heptachlor epoxide	BQL	16.3	1	8/19/05
Endosulfan I	BQL	16.3	1	8/19/05
Dieldrin	BQL	16.3	1	8/19/05
4,4'-DDE	BQL	16.3	1	8/19/05
Endrin	BQL	16.3	1	8/19/05
DDD	BQL	16.3	1	8/19/05
Endosulfan II	BQL	16.3	1	8/19/05
4,4'-DDT	BQL	16.3	1	8/19/05
Methoxychlor	BQL	16.3	1	8/19/05
Toxaphene	BQL	16.3	1	8/19/05
alpha-Chlordane	BQL	16.3	1	8/19/05
gamma-Chlordane	BQL	16.3	1	8/19/05
Endrin aldehyde	BQL	16.3	1	8/19/05
Endosulfan sulfate	BQL	16.3	1	8/19/05
Endrin ketone	BQL	16.3	1	8/19/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	113	113

Comments:
BQL = Below Quantitation Limit

Reviewed By: RNP

8081_LIMS_v1 33 XLS

Results for Pesticides
by EPA 8081

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-1J
Lab Project ID: G106-533
Sample Wt/Vol: 32.56 g ColumnID: STX_CLPest
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 8/10/05 9:00
Date Received: 8/10/05
Date Extracted: 1/0/00
Matrix: Soil
% Solids: 83.5

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
alpha-BHC	BQL	18.4	1	8/19/05
beta-BHC	BQL	18.4	1	8/19/05
delta-BHC	BQL	18.4	1	8/19/05
gamma-BHC (Lindane)	BQL	18.4	1	8/19/05
Heptachlor	BQL	18.4	1	8/19/05
Aldrin	BQL	18.4	1	8/19/05
Heptachlor epoxide	BQL	18.4	1	8/19/05
Endosulfan I	BQL	18.4	1	8/19/05
Dieldrin	BQL	18.4	1	8/19/05
4,4'-DDE	BQL	18.4	1	8/19/05
Endrin	BQL	18.4	1	8/19/05
DDD	BQL	18.4	1	8/19/05
Endosulfan II	BQL	18.4	1	8/19/05
4,4'-DDT	BQL	18.4	1	8/19/05
Methoxychlor	BQL	18.4	1	8/19/05
Toxaphene	BQL	18.4	1	8/19/05
alpha-Chlordane	BQL	18.4	1	8/19/05
gamma-Chlordane	BQL	18.4	1	8/19/05
Endrin aldehyde	BQL	18.4	1	8/19/05
Endosulfan sulfate	BQL	18.4	1	8/19/05
Endrin ketone	BQL	18.4	1	8/19/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	120	120

Comments:
BQL = Below Quantitation Limit

Reviewed By: _____

8081_LIMS_v1 33 XLS

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-5M
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:45
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 84.29

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	741	1	8/20/2005
Hexachloroethane	BQL	370	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	370	1	8/20/2005
Isophorone	BQL	370	1	8/20/2005
2-Methylnaphthalene	BQL	370	1	8/20/2005
2-Methylphenol	BQL	370	1	8/20/2005
3- & 4-Methylphenol	BQL	370	1	8/20/2005
Naphthalene	BQL	370	1	8/20/2005
2-Nitroaniline	BQL	370	1	8/20/2005
3-Nitroaniline	BQL	1850	1	8/20/2005
4-Nitroaniline	BQL	1850	1	8/20/2005
Nitrobenzene	BQL	370	1	8/20/2005
2-Nitrophenol	BQL	370	1	8/20/2005
4-Nitrophenol	BQL	1850	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	370	1	8/20/2005
Pentachlorophenol	BQL	1850	1	8/20/2005
Phenanthrene	BQL	370	1	8/20/2005
Phenol	BQL	370	1	8/20/2005
Pyrene	BQL	370	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	370	1	8/20/2005
2,4,5-Trichlorophenol	BQL	370	1	8/20/2005
2,4,6-Trichlorophenol	BQL	370	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.7	97
2-Fluorophenol	10	10.2	102
Nitrobenzene-d5	10	9.8	98
Phenol-d6	10	9.7	97
2,4,6-Tribromophenol	10	7.5	75
4-Terphenyl-d14	10	12.6	126

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-5M
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:45
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 84.29

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	370	1	8/20/2005
Acenaphthylene	BQL	370	1	8/20/2005
Anthracene	BQL	370	1	8/20/2005
Benzo[a]anthracene	BQL	370	1	8/20/2005
Benzo[a]pyrene	BQL	370	1	8/20/2005
Benzo[b]fluoranthene	BQL	370	1	8/20/2005
Benzo[g,h,i]perylene	BQL	370	1	8/20/2005
Benzo[k]fluoranthene	BQL	370	1	8/20/2005
Benzoic Acid	BQL	741	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	370	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	370	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	370	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	370	1	8/20/2005
4-bromophenyl phenyl ether	BQL	370	1	8/20/2005
Butylbenzylphthalate	BQL	370	1	8/20/2005
2-Chloronaphthalene	BQL	370	1	8/20/2005
2-Chlorophenol	BQL	370	1	8/20/2005
4-Chloro-3-methylphenol	BQL	370	1	8/20/2005
4-Chloroaniline	BQL	1850	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	370	1	8/20/2005
Chrysene	BQL	370	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	370	1	8/20/2005
Dibenzofuran	BQL	370	1	8/20/2005
Di-n-Butylphthalate	BQL	370	1	8/20/2005
1,2-Dichlorobenzene	BQL	370	1	8/20/2005
1,3-Dichlorobenzene	BQL	370	1	8/20/2005
1,4-Dichlorobenzene	BQL	370	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	741	1	8/20/2005
2,4-Dichlorophenol	BQL	370	1	8/20/2005
Diethylphthalate	BQL	370	1	8/20/2005
Dimethylphthalate	BQL	370	1	8/20/2005
2,4-Dimethylphenol	BQL	370	1	8/20/2005
Di-n-octylphthalate	BQL	370	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1850	1	8/20/2005
2,4-Dinitrophenol	BQL	1850	1	8/20/2005
2,4-Dinitrotoluene	BQL	370	1	8/20/2005
2,6-Dinitrotoluene	BQL	370	1	8/20/2005
Diphenylamine *	BQL	370	1	8/20/2005
Fluoranthene	BQL	370	1	8/20/2005
Fluorene	BQL	370	1	8/20/2005
Hexachlorobenzene	BQL	370	1	8/20/2005
Hexachlorobutadiene	BQL	370	1	8/20/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-4K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:15
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 78.39

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	796	1	8/20/2005
Hexachloroethane	BQL	398	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	398	1	8/20/2005
Isophorone	BQL	398	1	8/20/2005
2-Methylnaphthalene	BQL	398	1	8/20/2005
2-Methylphenol	BQL	398	1	8/20/2005
3- & 4-Methylphenol	BQL	398	1	8/20/2005
Naphthalene	BQL	398	1	8/20/2005
2-Nitroaniline	BQL	398	1	8/20/2005
3-Nitroaniline	BQL	1990	1	8/20/2005
4-Nitroaniline	BQL	1990	1	8/20/2005
Nitrobenzene	BQL	398	1	8/20/2005
2-Nitrophenol	BQL	398	1	8/20/2005
4-Nitrophenol	BQL	1990	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	398	1	8/20/2005
Pentachlorophenol	BQL	1990	1	8/20/2005
Phenanthrene	BQL	398	1	8/20/2005
Phenol	BQL	398	1	8/20/2005
Pyrene	BQL	398	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	398	1	8/20/2005
2,4,5-Trichlorophenol	BQL	398	1	8/20/2005
2,4,6-Trichlorophenol	BQL	398	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10	100
2-Fluorophenol	10	10.2	102
Nitrobenzene-d5	10	10.4	104
Phenol-d6	10	10	99
2,4,6-Tribromophenol	10	7.9	79
4-Terphenyl-d14	10	13.4	134

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-4K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:15
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 78.39

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	398	1	8/20/2005
Acenaphthylene	BQL	398	1	8/20/2005
Anthracene	BQL	398	1	8/20/2005
Benzo[a]anthracene	BQL	398	1	8/20/2005
Benzo[a]pyrene	BQL	398	1	8/20/2005
Benzo[b]fluoranthene	BQL	398	1	8/20/2005
Benzo[g,h,i]perylene	BQL	398	1	8/20/2005
Benzo[k]fluoranthene	BQL	398	1	8/20/2005
Benzoic Acid	BQL	796	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	398	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	398	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	398	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	398	1	8/20/2005
4-bromophenyl phenyl ether	BQL	398	1	8/20/2005
Butylbenzylphthalate	BQL	398	1	8/20/2005
2-Chloronaphthalene	BQL	398	1	8/20/2005
2-Chlorophenol	BQL	398	1	8/20/2005
4-Chloro-3-methylphenol	BQL	398	1	8/20/2005
4-Chloroaniline	BQL	1990	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	398	1	8/20/2005
Chrysene	BQL	398	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	398	1	8/20/2005
Dibenzofuran	BQL	398	1	8/20/2005
Di-n-Butylphthalate	BQL	398	1	8/20/2005
1,2-Dichlorobenzene	BQL	398	1	8/20/2005
1,3-Dichlorobenzene	BQL	398	1	8/20/2005
1,4-Dichlorobenzene	BQL	398	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	796	1	8/20/2005
2,4-Dichlorophenol	BQL	398	1	8/20/2005
Diethylphthalate	BQL	398	1	8/20/2005
Dimethylphthalate	BQL	398	1	8/20/2005
2,4-Dimethylphenol	BQL	398	1	8/20/2005
Di-n-octylphthalate	BQL	398	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1990	1	8/20/2005
2,4-Dinitrophenol	BQL	1990	1	8/20/2005
2,4-Dinitrotoluene	BQL	398	1	8/20/2005
2,6-Dinitrotoluene	BQL	398	1	8/20/2005
Diphenylamine *	BQL	398	1	8/20/2005
Fluoranthene	BQL	398	1	8/20/2005
Fluorene	BQL	398	1	8/20/2005
Hexachlorobenzene	BQL	398	1	8/20/2005
Hexachlorobutadiene	BQL	398	1	8/20/2005

Results for Semivolatiles by GCMS 8270

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-3K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:00
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 91.34

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	665	1	8/20/2005
Hexachloroethane	BQL	332	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	332	1	8/20/2005
Isophorone	BQL	332	1	8/20/2005
2-Methylnaphthalene	BQL	332	1	8/20/2005
2-Methylphenol	BQL	332	1	8/20/2005
3- & 4-Methylphenol	BQL	332	1	8/20/2005
Naphthalene	BQL	332	1	8/20/2005
2-Nitroaniline	BQL	332	1	8/20/2005
3-Nitroaniline	BQL	1660	1	8/20/2005
4-Nitroaniline	BQL	1660	1	8/20/2005
Nitrobenzene	BQL	332	1	8/20/2005
2-Nitrophenol	BQL	332	1	8/20/2005
4-Nitrophenol	BQL	1660	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	332	1	8/20/2005
Pentachlorophenol	BQL	1660	1	8/20/2005
Phenanthrene	BQL	332	1	8/20/2005
Phenol	BQL	332	1	8/20/2005
Pyrene	BQL	332	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	332	1	8/20/2005
2,4,5-Trichlorophenol	BQL	332	1	8/20/2005
2,4,6-Trichlorophenol	BQL	332	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.8	108
2-Fluorophenol	10	9.7	97
Nitrobenzene-d5	10	10.3	103
Phenol-d6	10	9.5	95
2,4,6-Tribromophenol	10	8.2	82
4-Terphenyl-d14	10	12.8	128

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP24-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-2A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 10:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	55.2	1	9/12/05
Benzene	BQL	5.52	1	9/12/05
Bromobenzene	BQL	5.52	1	9/12/05
Bromochloromethane	BQL	5.52	1	9/12/05
Bromodichloromethane	BQL	5.52	1	9/12/05
Bromoform	BQL	5.52	1	9/12/05
Bromomethane	BQL	5.52	1	9/12/05
2-Butanone	BQL	27.6	1	9/12/05
n-Butylbenzene	BQL	5.52	1	9/12/05
sec-Butylbenzene	BQL	5.52	1	9/12/05
tert-Butylbenzene	BQL	5.52	1	9/12/05
Carbon disulfide	BQL	5.52	1	9/12/05
Carbon tetrachloride	BQL	5.52	1	9/12/05
Chlorobenzene	BQL	5.52	1	9/12/05
Chloroethane	BQL	5.52	1	9/12/05
Chloroform	BQL	5.52	1	9/12/05
Chloromethane	BQL	5.52	1	9/12/05
2-Chlorotoluene	BQL	5.52	1	9/12/05
4-Chlorotoluene	BQL	5.52	1	9/12/05
Dibromochloromethane	BQL	5.52	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.52	1	9/12/05
Dibromomethane	BQL	5.52	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.52	1	9/12/05
1,2-Dichlorobenzene	BQL	5.52	1	9/12/05
1,3-Dichlorobenzene	BQL	5.52	1	9/12/05
1,4-Dichlorobenzene	BQL	5.52	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.52	1	9/12/05
1,1-Dichloroethane	BQL	5.52	1	9/12/05
1,1-Dichloroethene	BQL	5.52	1	9/12/05
1,2-Dichloroethane	BQL	5.52	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.52	1	9/12/05
trans-1,2-dichloroethene	BQL	5.52	1	9/12/05
1,2-Dichloropropane	BQL	5.52	1	9/12/05
1,3-Dichloropropane	BQL	5.52	1	9/12/05
2,2-Dichloropropane	BQL	5.52	1	9/12/05
1,1-Dichloropropene	BQL	5.52	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.52	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.52	1	9/12/05
Dichlorodifluoromethane	BQL	5.52	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.52	1	9/12/05
Ethylbenzene	BQL	5.52	1	9/12/05
Hexachlorobutadiene	BQL	5.52	1	9/12/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP23-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-1A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 09:40
Date Received: 9/10/05
Matrix: Soil
%Solids: 81.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.03	1	9/12/05
Iodomethane	BQL	5.03	1	9/12/05
Isopropylbenzene	BQL	5.03	1	9/12/05
4-Isopropyltoluene	BQL	5.03	1	9/12/05
Methylene chloride	BQL	20.1	1	9/12/05
4-Methyl-2-pentanone	BQL	5.03	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.03	1	9/12/05
Naphthalene	BQL	5.03	1	9/12/05
n-Propyl benzene	BQL	5.03	1	9/12/05
Styrene	BQL	5.03	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.03	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.03	1	9/12/05
Tetrachloroethene	BQL	5.03	1	9/12/05
Toluene	BQL	5.03	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.03	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.03	1	9/12/05
Trichloroethene	BQL	5.03	1	9/12/05
1,1,1-Trichloroethane	BQL	5.03	1	9/12/05
1,1,2-Trichloroethane	BQL	5.03	1	9/12/05
Trichlorofluoromethane	BQL	5.03	1	9/12/05
1,2,3-Trichloropropane	BQL	5.03	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.03	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.03	1	9/12/05
Vinyl chloride	BQL	5.03	1	9/12/05
m-,p-Xylene	BQL	10.1	1	9/12/05
o-Xylene	BQL	5.03	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	36.4	73
1,2-Dichloroethane-d4	50	58.1	116
Toluene-d8	50	50.6	101

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: mr

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP23-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-1A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 09:40
Date Received: 9/10/05
Matrix: Soil
%Solids: 81.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	50.3	1	9/12/05
Benzene	BQL	5.03	1	9/12/05
Bromobenzene	BQL	5.03	1	9/12/05
Bromochloromethane	BQL	5.03	1	9/12/05
Bromodichloromethane	BQL	5.03	1	9/12/05
Bromoform	BQL	5.03	1	9/12/05
Bromomethane	BQL	5.03	1	9/12/05
2-Butanone	BQL	25.2	1	9/12/05
n-Butylbenzene	BQL	5.03	1	9/12/05
sec-Butylbenzene	BQL	5.03	1	9/12/05
tert-Butylbenzene	BQL	5.03	1	9/12/05
Carbon disulfide	BQL	5.03	1	9/12/05
Carbon tetrachloride	BQL	5.03	1	9/12/05
Chlorobenzene	BQL	5.03	1	9/12/05
Chloroethane	BQL	5.03	1	9/12/05
Chloroform	BQL	5.03	1	9/12/05
Chloromethane	BQL	5.03	1	9/12/05
2-Chlorotoluene	BQL	5.03	1	9/12/05
4-Chlorotoluene	BQL	5.03	1	9/12/05
Dibromochloromethane	BQL	5.03	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.03	1	9/12/05
Dibromomethane	BQL	5.03	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.03	1	9/12/05
1,2-Dichlorobenzene	BQL	5.03	1	9/12/05
1,3-Dichlorobenzene	BQL	5.03	1	9/12/05
1,4-Dichlorobenzene	BQL	5.03	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.03	1	9/12/05
1,1-Dichloroethane	BQL	5.03	1	9/12/05
1,1-Dichloroethene	BQL	5.03	1	9/12/05
1,2-Dichloroethane	BQL	5.03	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.03	1	9/12/05
trans-1,2-dichloroethene	BQL	5.03	1	9/12/05
1,2-Dichloropropane	BQL	5.03	1	9/12/05
1,3-Dichloropropane	BQL	5.03	1	9/12/05
2,2-Dichloropropane	BQL	5.03	1	9/12/05
1,1-Dichloropropene	BQL	5.03	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.03	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.03	1	9/12/05
Dichlorodifluoromethane	BQL	5.03	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.03	1	9/12/05
Ethylbenzene	BQL	5.03	1	9/12/05
Hexachlorobutadiene	BQL	5.03	1	9/12/05

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-550

Client Project: Parcel 8 Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

9/16/05

Laboratory Director Date
J. Patrick Weaver

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP# U-2826A WBS: 34871.1.1

COC# 48834

Page _____ of _____

Client: EI, INC
Address: 2101 GATEWAY CENTER BLVD.
Address: SUITE 200, MORRISVILLE, NC 27560
Quote #:

Project ID: PARCEL 8
Contact: DARREN LOCKHART
Phone: 919-544-7500
Fax: 919-544-2199

Date:
Turnaround: STANDARD
Job Number: ENM0050015.00
P.O. Number:

Report To: DARREN LOCKHART EI
Invoice To: NCDOT

Sample ID	Date	Time	Matrix	Preservatives				Analyses: VOCs 8260	SVOCs	TPH GRO	TPH DRO							Comments: Please specify any special reporting requirements:
~~P8GP11~~		~~1645~~																
~~P8GP12~~		~~1615~~																
P86P14-18	8-25-05	1300	SOIL								X							
P86P15-18		1315						X	X	X	X							G106-541
P86P16-20		1335								X	X							
P86P18-14		1336								X	X							
P86P-21		1510						X	X	X	X							
P86P19-16		1448								X	X							
P86P17-14		1410						X	X	X	X							
P86P20-13		1450								X	X							

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[illegible]	8-31-05		[illegible]	9/1/05	0950	0.2°C	NC ✓ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.011404.1

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID:	P8GP20-13	Analyzed By:	DCS
Client Project ID:	Parcel 8 Tip#U-2826A	Date Collected:	8/29/05 14:50
Lab Sample ID:	G106-541-8	Date Received:	9/1/05
Lab Project ID:	G106-541	Matrix:	Soil
Report Basis:	Dry Weight	Solids	87.27

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.52	5035	1	09/07/05
Diesel Range Organics	BQL	6.98	3545	1	09/09/05

Comments:

Reviewed By: _____

TPH_LIMS_v1.82.XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-7
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 14:10
Date Received: 9/1/05
Matrix: Soil
Solids 86.63

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.76	5035	1	09/07/05
Diesel Range Organics	BQL	7.08	3545	1	09/09/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP19-16
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-6
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 14:48
Date Received: 9/1/05
Matrix: Soil
Solids 89.30

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.76	5035	1	09/07/05
Diesel Range Organics	BQL	6.93	3545	1	09/09/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-5
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 15:10
Date Received: 9/1/05
Matrix: Soil
Solids 82.67

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.69	5035	1	09/07/05
Diesel Range Organics	BQL	7.34	3545	1	09/08/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP18-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-4
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 13:36
Date Received: 9/1/05
Matrix: Soil
Solids 88.79

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.72	5035	1	09/07/05
Diesel Range Organics	BQL	6.92	3545	1	09/08/05

Comments:

Reviewed By: _____
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID:	P8GP16-20	Analyzed By:	DCS
Client Project ID:	Parcel 8 Tip#U-2826A	Date Collected:	8/29/05 13:35
Lab Sample ID:	G106-541-3	Date Received:	9/1/05
Lab Project ID:	G106-541	Matrix:	Soil
Report Basis:	Dry Weight	Solids	85.29

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.9	5035	1	09/07/05
Diesel Range Organics	BQL	7.17	3545	1	09/08/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-2
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 13:15
Date Received: 9/1/05
Matrix: Soil
Solids 80.11

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.72	5035	1	09/07/05
Diesel Range Organics	BQL	7.72	3545	1	09/08/05

Comments:

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP14-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-1
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 13:00
Date Received: 9/1/05
Matrix: Soil
Solids 79.22

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.6	3545	1	09/08/05

Comments:

Reviewed By: MM

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-7G
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 14:10
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 86.63

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	695	1	9/7/2005
Hexachloroethane	BQL	348	1	9/7/2005
Indeno(1,2,3-c,d)pyrene	BQL	348	1	9/7/2005
Isophorone	BQL	348	1	9/7/2005
2-Methylnaphthalene	BQL	348	1	9/7/2005
2-Methylphenol	BQL	348	1	9/7/2005
3- & 4-Methylphenol	BQL	348	1	9/7/2005
Naphthalene	BQL	348	1	9/7/2005
2-Nitroaniline	BQL	348	1	9/7/2005
3-Nitroaniline	BQL	1740	1	9/7/2005
4-Nitroaniline	BQL	1740	1	9/7/2005
Nitrobenzene	BQL	348	1	9/7/2005
2-Nitrophenol	BQL	348	1	9/7/2005
4-Nitrophenol	BQL	1740	1	9/7/2005
N-Nitrosodi-n-propylamine	BQL	348	1	9/7/2005
Pentachlorophenol	BQL	1740	1	9/7/2005
Phenanthrene	BQL	348	1	9/7/2005
Phenol	BQL	348	1	9/7/2005
Pyrene	BQL	348	1	9/7/2005
1,2,4-Trichlorobenzene	BQL	348	1	9/7/2005
2,4,5-Trichlorophenol	BQL	348	1	9/7/2005
2,4,6-Trichlorophenol	BQL	348	1	9/7/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	6.7	67
2-Fluorophenol	10	10.6	106
Nitrobenzene-d5	10	8	80
Phenol-d6	10	9.8	98
2,4,6-Tribromophenol	10	4.7	47
4-Terphenyl-d14	10	10.3	103

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mr

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-7G
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 14:10
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 86.63

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	348	1	9/7/2005
Acenaphthylene	BQL	348	1	9/7/2005
Anthracene	BQL	348	1	9/7/2005
Benzo[a]anthracene	BQL	348	1	9/7/2005
Benzo[a]pyrene	BQL	348	1	9/7/2005
Benzo[b]fluoranthene	BQL	348	1	9/7/2005
Benzo[g,h,i]perylene	BQL	348	1	9/7/2005
Benzo[k]fluoranthene	BQL	348	1	9/7/2005
Benzoic Acid	BQL	695	1	9/7/2005
Bis(2-chloroethoxy)methane	BQL	348	1	9/7/2005
Bis(2-chloroethyl)ether	BQL	348	1	9/7/2005
Bis(2-chloroisopropyl)ether	BQL	348	1	9/7/2005
Bis(2-ethylhexyl)phthalate	BQL	348	1	9/7/2005
4-bromophenyl phenyl ether	BQL	348	1	9/7/2005
Butylbenzylphthalate	BQL	348	1	9/7/2005
2-Chloronaphthalene	BQL	348	1	9/7/2005
2-Chlorophenol	BQL	348	1	9/7/2005
4-Chloro-3-methylphenol	BQL	348	1	9/7/2005
4-Chloroaniline	BQL	1740	1	9/7/2005
4-Chlorophenyl phenyl ether	BQL	348	1	9/7/2005
Chrysene	BQL	348	1	9/7/2005
Dibenzo[a,h]anthracene	BQL	348	1	9/7/2005
Dibenzofuran	BQL	348	1	9/7/2005
Di-n-Butylphthalate	BQL	348	1	9/7/2005
1,2-Dichlorobenzene	BQL	348	1	9/7/2005
1,3-Dichlorobenzene	BQL	348	1	9/7/2005
1,4-Dichlorobenzene	BQL	348	1	9/7/2005
3,3'-Dichlorobenzidine	BQL	695	1	9/7/2005
2,4-Dichlorophenol	BQL	348	1	9/7/2005
Diethylphthalate	BQL	348	1	9/7/2005
Dimethylphthalate	BQL	348	1	9/7/2005
2,4-Dimethylphenol	BQL	348	1	9/7/2005
Di-n-octylphthalate	BQL	348	1	9/7/2005
4,6-Dinitro-2-methylphenol	BQL	1740	1	9/7/2005
2,4-Dinitrophenol	BQL	1740	1	9/7/2005
2,4-Dinitrotoluene	BQL	348	1	9/7/2005
2,6-Dinitrotoluene	BQL	348	1	9/7/2005
Diphenylamine *	BQL	348	1	9/7/2005
Fluoranthene	BQL	348	1	9/7/2005
Fluorene	BQL	348	1	9/7/2005
Hexachlorobenzene	BQL	348	1	9/7/2005
Hexachlorobutadiene	BQL	348	1	9/7/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-5G
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 15:10
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 82.67

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	744	1	9/7/2005
Hexachloroethane	BQL	372	1	9/7/2005
Indeno(1,2,3-c,d)pyrene	BQL	372	1	9/7/2005
Isophorone	BQL	372	1	9/7/2005
2-Methylnaphthalene	BQL	372	1	9/7/2005
2-Methylphenol	BQL	372	1	9/7/2005
3- & 4-Methylphenol	BQL	372	1	9/7/2005
Naphthalene	BQL	372	1	9/7/2005
2-Nitroaniline	BQL	372	1	9/7/2005
3-Nitroaniline	BQL	1860	1	9/7/2005
4-Nitroaniline	BQL	1860	1	9/7/2005
Nitrobenzene	BQL	372	1	9/7/2005
2-Nitrophenol	BQL	372	1	9/7/2005
4-Nitrophenol	BQL	1860	1	9/7/2005
N-Nitrosodi-n-propylamine	BQL	372	1	9/7/2005
Pentachlorophenol	BQL	1860	1	9/7/2005
Phenanthrene	BQL	372	1	9/7/2005
Phenol	BQL	372	1	9/7/2005
Pyrene	BQL	372	1	9/7/2005
1,2,4-Trichlorobenzene	BQL	372	1	9/7/2005
2,4,5-Trichlorophenol	BQL	372	1	9/7/2005
2,4,6-Trichlorophenol	BQL	372	1	9/7/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.8	88
2-Fluorophenol	10	10.5	105
Nitrobenzene-d5	10	9.3	93
Phenol-d6	10	9.7	97
2,4,6-Tribromophenol	10	5.5	55
4-Terphenyl-d14	10	11.9	119

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mc

Results for Semivolatiles by GCMS 8270

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-5G
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 15:10
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 82.67

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	372	1	9/7/2005
Acenaphthylene	BQL	372	1	9/7/2005
Anthracene	BQL	372	1	9/7/2005
Benzo[a]anthracene	BQL	372	1	9/7/2005
Benzo[a]pyrene	BQL	372	1	9/7/2005
Benzo[b]fluoranthene	BQL	372	1	9/7/2005
Benzo[g,h,i]perylene	BQL	372	1	9/7/2005
Benzo[k]fluoranthene	BQL	372	1	9/7/2005
Benzoic Acid	BQL	744	1	9/7/2005
Bis(2-chloroethoxy)methane	BQL	372	1	9/7/2005
Bis(2-chloroethyl)ether	BQL	372	1	9/7/2005
Bis(2-chloroisopropyl)ether	BQL	372	1	9/7/2005
Bis(2-ethylhexyl)phthalate	BQL	372	1	9/7/2005
4-bromophenyl phenyl ether	BQL	372	1	9/7/2005
Butylbenzylphthalate	BQL	372	1	9/7/2005
2-Chloronaphthalene	BQL	372	1	9/7/2005
2-Chlorophenol	BQL	372	1	9/7/2005
4-Chloro-3-methylphenol	BQL	372	1	9/7/2005
4-Chloroaniline	BQL	1860	1	9/7/2005
4-Chlorophenyl phenyl ether	BQL	372	1	9/7/2005
Chrysene	BQL	372	1	9/7/2005
Dibenzo[a,h]anthracene	BQL	372	1	9/7/2005
Dibenzofuran	BQL	372	1	9/7/2005
Di-n-Butylphthalate	BQL	372	1	9/7/2005
1,2-Dichlorobenzene	BQL	372	1	9/7/2005
1,3-Dichlorobenzene	BQL	372	1	9/7/2005
1,4-Dichlorobenzene	BQL	372	1	9/7/2005
3,3'-Dichlorobenzidine	BQL	744	1	9/7/2005
2,4-Dichlorophenol	BQL	372	1	9/7/2005
Diethylphthalate	BQL	372	1	9/7/2005
Dimethylphthalate	BQL	372	1	9/7/2005
2,4-Dimethylphenol	BQL	372	1	9/7/2005
Di-n-octylphthalate	BQL	372	1	9/7/2005
4,6-Dinitro-2-methylphenol	BQL	1860	1	9/7/2005
2,4-Dinitrophenol	BQL	1860	1	9/7/2005
2,4-Dinitrotoluene	BQL	372	1	9/7/2005
2,6-Dinitrotoluene	BQL	372	1	9/7/2005
Diphenylamine *	BQL	372	1	9/7/2005
Fluoranthene	BQL	372	1	9/7/2005
Fluorene	BQL	372	1	9/7/2005
Hexachlorobenzene	BQL	372	1	9/7/2005
Hexachlorobutadiene	BQL	372	1	9/7/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-2H
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 13:15
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 80.11

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	771	1	9/7/2005
Hexachloroethane	BQL	385	1	9/7/2005
Indeno(1,2,3-c,d)pyrene	BQL	385	1	9/7/2005
Isophorone	BQL	385	1	9/7/2005
2-Methylnaphthalene	BQL	385	1	9/7/2005
2-Methylphenol	BQL	385	1	9/7/2005
3- & 4-Methylphenol	BQL	385	1	9/7/2005
Naphthalene	BQL	385	1	9/7/2005
2-Nitroaniline	BQL	385	1	9/7/2005
3-Nitroaniline	BQL	1930	1	9/7/2005
4-Nitroaniline	BQL	1930	1	9/7/2005
Nitrobenzene	BQL	385	1	9/7/2005
2-Nitrophenol	BQL	385	1	9/7/2005
4-Nitrophenol	BQL	1930	1	9/7/2005
N-Nitrosodi-n-propylamine	BQL	385	1	9/7/2005
Pentachlorophenol	BQL	1930	1	9/7/2005
Phenanthrene	BQL	385	1	9/7/2005
Phenol	BQL	385	1	9/7/2005
Pyrene	BQL	385	1	9/7/2005
1,2,4-Trichlorobenzene	BQL	385	1	9/7/2005
2,4,5-Trichlorophenol	BQL	385	1	9/7/2005
2,4,6-Trichlorophenol	BQL	385	1	9/7/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.3	83
2-Fluorophenol	10	10.6	106
Nitrobenzene-d5	10	9.2	92
Phenol-d6	10	9.8	98
2,4,6-Tribromophenol	10	5.5	55
4-Terphenyl-d14	10	11.8	118

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-2H
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 13:15
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 80.11

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	385	1	9/7/2005
Acenaphthylene	BQL	385	1	9/7/2005
Anthracene	BQL	385	1	9/7/2005
Benzo[a]anthracene	BQL	385	1	9/7/2005
Benzo[a]pyrene	BQL	385	1	9/7/2005
Benzo[b]fluoranthene	BQL	385	1	9/7/2005
Benzo[g,h,i]perylene	BQL	385	1	9/7/2005
Benzo[k]fluoranthene	BQL	385	1	9/7/2005
Benzoic Acid	BQL	771	1	9/7/2005
Bis(2-chloroethoxy)methane	BQL	385	1	9/7/2005
Bis(2-chloroethyl)ether	BQL	385	1	9/7/2005
Bis(2-chloroisopropyl)ether	BQL	385	1	9/7/2005
Bis(2-ethylhexyl)phthalate	BQL	385	1	9/7/2005
4-bromophenyl phenyl ether	BQL	385	1	9/7/2005
Butylbenzylphthalate	BQL	385	1	9/7/2005
2-Chloronaphthalene	BQL	385	1	9/7/2005
2-Chlorophenol	BQL	385	1	9/7/2005
4-Chloro-3-methylphenol	BQL	385	1	9/7/2005
4-Chloroaniline	BQL	1930	1	9/7/2005
4-Chlorophenyl phenyl ether	BQL	385	1	9/7/2005
Chrysene	BQL	385	1	9/7/2005
Dibenzo[a,h]anthracene	BQL	385	1	9/7/2005
Dibenzofuran	BQL	385	1	9/7/2005
Di-n-Butylphthalate	BQL	385	1	9/7/2005
1,2-Dichlorobenzene	BQL	385	1	9/7/2005
1,3-Dichlorobenzene	BQL	385	1	9/7/2005
1,4-Dichlorobenzene	BQL	385	1	9/7/2005
3,3'-Dichlorobenzidine	BQL	771	1	9/7/2005
2,4-Dichlorophenol	BQL	385	1	9/7/2005
Diethylphthalate	BQL	385	1	9/7/2005
Dimethylphthalate	BQL	385	1	9/7/2005
2,4-Dimethylphenol	BQL	385	1	9/7/2005
Di-n-octylphthalate	BQL	385	1	9/7/2005
4,6-Dinitro-2-methylphenol	BQL	1930	1	9/7/2005
2,4-Dinitrophenol	BQL	1930	1	9/7/2005
2,4-Dinitrotoluene	BQL	385	1	9/7/2005
2,6-Dinitrotoluene	BQL	385	1	9/7/2005
Diphenylamine *	BQL	385	1	9/7/2005
Fluoranthene	BQL	385	1	9/7/2005
Fluorene	BQL	385	1	9/7/2005
Hexachlorobenzene	BQL	385	1	9/7/2005
Hexachlorobutadiene	BQL	385	1	9/7/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-7C
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 14:10
Date Received: 9/1/05
Matrix: Soil
%Solids: 86.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.44	1	9/9/05
Iodomethane	BQL	5.44	1	9/9/05
Isopropylbenzene	BQL	5.44	1	9/9/05
4-Isopropyltoluene	BQL	5.44	1	9/9/05
Methylene chloride	BQL	21.8	1	9/9/05
4-Methyl-2-pentanone	BQL	5.44	1	9/9/05
Methyl-tert-butyl ether (MTBE)	BQL	5.44	1	9/9/05
Naphthalene	BQL	5.44	1	9/9/05
n-Propyl benzene	BQL	5.44	1	9/9/05
Styrene	BQL	5.44	1	9/9/05
1,1,1,2-Tetrachloroethane	BQL	5.44	1	9/9/05
1,1,2,2-Tetrachloroethane	BQL	5.44	1	9/9/05
Tetrachloroethene	BQL	5.44	1	9/9/05
Toluene	BQL	5.44	1	9/9/05
1,2,3-Trichlorobenzene	BQL	5.44	1	9/9/05
1,2,4-Trichlorobenzene	BQL	5.44	1	9/9/05
Trichloroethene	BQL	5.44	1	9/9/05
1,1,1-Trichloroethane	BQL	5.44	1	9/9/05
1,1,2-Trichloroethane	BQL	5.44	1	9/9/05
Trichlorofluoromethane	BQL	5.44	1	9/9/05
1,2,3-Trichloropropane	BQL	5.44	1	9/9/05
1,2,4-Trimethylbenzene	BQL	5.44	1	9/9/05
1,3,5-Trimethylbenzene	BQL	5.44	1	9/9/05
Vinyl chloride	BQL	5.44	1	9/9/05
m-,p-Xylene	BQL	10.9	1	9/9/05
o-Xylene	BQL	5.44	1	9/9/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	51.9	104
1,2-Dichloroethane-d4	50	55.8	112
Toluene-d8	50	51.1	102

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mvl

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-7C
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 14:10
Date Received: 9/1/05
Matrix: Soil
%Solids: 86.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	54.4	1	9/9/05
Benzene	BQL	5.44	1	9/9/05
Bromobenzene	BQL	5.44	1	9/9/05
Bromochloromethane	BQL	5.44	1	9/9/05
Bromodichloromethane	BQL	5.44	1	9/9/05
Bromoform	BQL	5.44	1	9/9/05
Bromomethane	BQL	5.44	1	9/9/05
2-Butanone	BQL	27.2	1	9/9/05
n-Butylbenzene	BQL	5.44	1	9/9/05
sec-Butylbenzene	BQL	5.44	1	9/9/05
tert-Butylbenzene	BQL	5.44	1	9/9/05
Carbon disulfide	BQL	5.44	1	9/9/05
Carbon tetrachloride	BQL	5.44	1	9/9/05
Chlorobenzene	BQL	5.44	1	9/9/05
Chloroethane	BQL	5.44	1	9/9/05
Chloroform	BQL	5.44	1	9/9/05
Chloromethane	BQL	5.44	1	9/9/05
2-Chlorotoluene	BQL	5.44	1	9/9/05
4-Chlorotoluene	BQL	5.44	1	9/9/05
Dibromochloromethane	BQL	5.44	1	9/9/05
1,2-Dibromo-3-chloropropane	BQL	5.44	1	9/9/05
Dibromomethane	BQL	5.44	1	9/9/05
1,2-Dibromoethane (EDB)	BQL	5.44	1	9/9/05
1,2-Dichlorobenzene	BQL	5.44	1	9/9/05
1,3-Dichlorobenzene	BQL	5.44	1	9/9/05
1,4-Dichlorobenzene	BQL	5.44	1	9/9/05
trans-1,4-Dichloro-2-butene	BQL	5.44	1	9/9/05
1,1-Dichloroethane	BQL	5.44	1	9/9/05
1,1-Dichloroethene	BQL	5.44	1	9/9/05
1,2-Dichloroethane	BQL	5.44	1	9/9/05
cis-1,2-Dichloroethene	BQL	5.44	1	9/9/05
trans-1,2-dichloroethene	BQL	5.44	1	9/9/05
1,2-Dichloropropane	BQL	5.44	1	9/9/05
1,3-Dichloropropane	BQL	5.44	1	9/9/05
2,2-Dichloropropane	BQL	5.44	1	9/9/05
1,1-Dichloropropene	BQL	5.44	1	9/9/05
cis-1,3-Dichloropropene	BQL	5.44	1	9/9/05
trans-1,3-Dichloropropene	BQL	5.44	1	9/9/05
Dichlorodifluoromethane	BQL	5.44	1	9/9/05
Diisopropyl ether (DIPE)	BQL	5.44	1	9/9/05
Ethylbenzene	BQL	5.44	1	9/9/05
Hexachlorobutadiene	BQL	5.44	1	9/9/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-5A
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 15:10
Date Received: 9/1/05
Matrix: Soil
%Solids: 82.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	6.29	1	9/6/05
Iodomethane	BQL	6.29	1	9/6/05
Isopropylbenzene	BQL	6.29	1	9/6/05
4-Isopropyltoluene	BQL	6.29	1	9/6/05
Methylene chloride	BQL	25.1	1	9/6/05
4-Methyl-2-pentanone	BQL	6.29	1	9/6/05
Methyl-tert-butyl ether (MTBE)	BQL	6.29	1	9/6/05
Naphthalene	BQL	6.29	1	9/6/05
n-Propyl benzene	BQL	6.29	1	9/6/05
Styrene	BQL	6.29	1	9/6/05
1,1,1,2-Tetrachloroethane	BQL	6.29	1	9/6/05
1,1,2,2-Tetrachloroethane	BQL	6.29	1	9/6/05
Tetrachloroethene	BQL	6.29	1	9/6/05
Toluene	BQL	6.29	1	9/6/05
1,2,3-Trichlorobenzene	BQL	6.29	1	9/6/05
1,2,4-Trichlorobenzene	BQL	6.29	1	9/6/05
Trichloroethene	BQL	6.29	1	9/6/05
1,1,1-Trichloroethane	BQL	6.29	1	9/6/05
1,1,2-Trichloroethane	BQL	6.29	1	9/6/05
Trichlorofluoromethane	BQL	6.29	1	9/6/05
1,2,3-Trichloropropane	BQL	6.29	1	9/6/05
1,2,4-Trimethylbenzene	BQL	6.29	1	9/6/05
1,3,5-Trimethylbenzene	BQL	6.29	1	9/6/05
Vinyl chloride	BQL	6.29	1	9/6/05
m-,p-Xylene	BQL	12.6	1	9/6/05
o-Xylene	BQL	6.29	1	9/6/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	52.8	106
1,2-Dichloroethane-d4	50	60	120
Toluene-d8	50	52	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-5A
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 15:10
Date Received: 9/1/05
Matrix: Soil
%Solids: 82.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	62.9	1	9/6/05
Benzene	BQL	6.29	1	9/6/05
Bromobenzene	BQL	6.29	1	9/6/05
Bromochloromethane	BQL	6.29	1	9/6/05
Bromodichloromethane	BQL	6.29	1	9/6/05
Bromoform	BQL	6.29	1	9/6/05
Bromomethane	BQL	6.29	1	9/6/05
2-Butanone	BQL	31.4	1	9/6/05
n-Butylbenzene	BQL	6.29	1	9/6/05
sec-Butylbenzene	BQL	6.29	1	9/6/05
tert-Butylbenzene	BQL	6.29	1	9/6/05
Carbon disulfide	BQL	6.29	1	9/6/05
Carbon tetrachloride	BQL	6.29	1	9/6/05
Chlorobenzene	BQL	6.29	1	9/6/05
Chloroethane	BQL	6.29	1	9/6/05
Chloroform	BQL	6.29	1	9/6/05
Chloromethane	BQL	6.29	1	9/6/05
2-Chlorotoluene	BQL	6.29	1	9/6/05
4-Chlorotoluene	BQL	6.29	1	9/6/05
Dibromochloromethane	BQL	6.29	1	9/6/05
1,2-Dibromo-3-chloropropane	BQL	6.29	1	9/6/05
Dibromomethane	BQL	6.29	1	9/6/05
1,2-Dibromoethane (EDB)	BQL	6.29	1	9/6/05
1,2-Dichlorobenzene	BQL	6.29	1	9/6/05
1,3-Dichlorobenzene	BQL	6.29	1	9/6/05
1,4-Dichlorobenzene	BQL	6.29	1	9/6/05
trans-1,4-Dichloro-2-butene	BQL	6.29	1	9/6/05
1,1-Dichloroethane	BQL	6.29	1	9/6/05
1,1-Dichloroethene	BQL	6.29	1	9/6/05
1,2-Dichloroethane	BQL	6.29	1	9/6/05
cis-1,2-Dichloroethene	BQL	6.29	1	9/6/05
trans-1,2-dichloroethene	BQL	6.29	1	9/6/05
1,2-Dichloropropane	BQL	6.29	1	9/6/05
1,3-Dichloropropane	BQL	6.29	1	9/6/05
2,2-Dichloropropane	BQL	6.29	1	9/6/05
1,1-Dichloropropene	BQL	6.29	1	9/6/05
cis-1,3-Dichloropropene	BQL	6.29	1	9/6/05
trans-1,3-Dichloropropene	BQL	6.29	1	9/6/05
Dichlorodifluoromethane	BQL	6.29	1	9/6/05
Diisopropyl ether (DIPE)	BQL	6.29	1	9/6/05
Ethylbenzene	BQL	6.29	1	9/6/05
Hexachlorobutadiene	BQL	6.29	1	9/6/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-2A
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 13:15
Date Received: 9/1/05
Matrix: Soil
%Solids: 80.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.34	1	9/6/05
Iodomethane	BQL	5.34	1	9/6/05
Isopropylbenzene	BQL	5.34	1	9/6/05
4-Isopropyltoluene	BQL	5.34	1	9/6/05
Methylene chloride	BQL	21.4	1	9/6/05
4-Methyl-2-pentanone	BQL	5.34	1	9/6/05
Methyl-tert-butyl ether (MTBE)	BQL	5.34	1	9/6/05
Naphthalene	BQL	5.34	1	9/6/05
n-Propyl benzene	BQL	5.34	1	9/6/05
Styrene	BQL	5.34	1	9/6/05
1,1,1,2-Tetrachloroethane	BQL	5.34	1	9/6/05
1,1,2,2-Tetrachloroethane	BQL	5.34	1	9/6/05
Tetrachloroethene	BQL	5.34	1	9/6/05
Toluene	BQL	5.34	1	9/6/05
1,2,3-Trichlorobenzene	BQL	5.34	1	9/6/05
1,2,4-Trichlorobenzene	BQL	5.34	1	9/6/05
Trichloroethene	BQL	5.34	1	9/6/05
1,1,1-Trichloroethane	BQL	5.34	1	9/6/05
1,1,2-Trichloroethane	BQL	5.34	1	9/6/05
Trichlorofluoromethane	BQL	5.34	1	9/6/05
1,2,3-Trichloropropane	BQL	5.34	1	9/6/05
1,2,4-Trimethylbenzene	BQL	5.34	1	9/6/05
1,3,5-Trimethylbenzene	BQL	5.34	1	9/6/05
Vinyl chloride	BQL	5.34	1	9/6/05
m-,p-Xylene	BQL	10.7	1	9/6/05
o-Xylene	BQL	5.34	1	9/6/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	54.8	110
1,2-Dichloroethane-d4	50	55.6	111
Toluene-d8	50	52.1	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mc

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-2A
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 13:15
Date Received: 9/1/05
Matrix: Soil
%Solids: 80.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	53.4	1	9/6/05
Benzene	BQL	5.34	1	9/6/05
Bromobenzene	BQL	5.34	1	9/6/05
Bromochloromethane	BQL	5.34	1	9/6/05
Bromodichloromethane	BQL	5.34	1	9/6/05
Bromoform	BQL	5.34	1	9/6/05
Bromomethane	BQL	5.34	1	9/6/05
2-Butanone	BQL	26.7	1	9/6/05
n-Butylbenzene	BQL	5.34	1	9/6/05
sec-Butylbenzene	BQL	5.34	1	9/6/05
tert-Butylbenzene	BQL	5.34	1	9/6/05
Carbon disulfide	BQL	5.34	1	9/6/05
Carbon tetrachloride	BQL	5.34	1	9/6/05
Chlorobenzene	BQL	5.34	1	9/6/05
Chloroethane	BQL	5.34	1	9/6/05
Chloroform	BQL	5.34	1	9/6/05
Chloromethane	BQL	5.34	1	9/6/05
2-Chlorotoluene	BQL	5.34	1	9/6/05
4-Chlorotoluene	BQL	5.34	1	9/6/05
Dibromochloromethane	BQL	5.34	1	9/6/05
1,2-Dibromo-3-chloropropane	BQL	5.34	1	9/6/05
Dibromomethane	BQL	5.34	1	9/6/05
1,2-Dibromoethane (EDB)	BQL	5.34	1	9/6/05
1,2-Dichlorobenzene	BQL	5.34	1	9/6/05
1,3-Dichlorobenzene	BQL	5.34	1	9/6/05
1,4-Dichlorobenzene	BQL	5.34	1	9/6/05
trans-1,4-Dichloro-2-butene	BQL	5.34	1	9/6/05
1,1-Dichloroethane	BQL	5.34	1	9/6/05
1,1-Dichloroethene	BQL	5.34	1	9/6/05
1,2-Dichloroethane	BQL	5.34	1	9/6/05
cis-1,2-Dichloroethene	BQL	5.34	1	9/6/05
trans-1,2-dichloroethene	BQL	5.34	1	9/6/05
1,2-Dichloropropane	BQL	5.34	1	9/6/05
1,3-Dichloropropane	BQL	5.34	1	9/6/05
2,2-Dichloropropane	BQL	5.34	1	9/6/05
1,1-Dichloropropene	BQL	5.34	1	9/6/05
cis-1,3-Dichloropropene	BQL	5.34	1	9/6/05
trans-1,3-Dichloropropene	BQL	5.34	1	9/6/05
Dichlorodifluoromethane	BQL	5.34	1	9/6/05
Diisopropyl ether (DIPE)	BQL	5.34	1	9/6/05
Ethylbenzene	BQL	5.34	1	9/6/05
Hexachlorobutadiene	BQL	5.34	1	9/6/05

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-541

Client Project: Parcel 8 Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

9/14/05

Laboratory Director Date
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP # U-2826A WBS: 34871.1.1

COC# 48119

Page ____ of ____

22 of 22

Client: EI, INC.
Address: 2101 GATEWAY CENTER RD
Address: SUITE 200, MORRISVILLE NC 27560
Quote #:

Project ID: NCDOT-FORSYTH
Contact: BOB SHAUT
Phone: 919-544-7500
Fax: 919-544-2199

Date: 9/9/05
Turnaround: 5 DAY-PER MASTER NS
Job Number:
P.O. Number:

Report To: DARREN LOCKHART - EI
Invoice To: NCDOT

Sample ID	Date	Time	Matrix	Preservatives				Analyses: TPH GRO	TPH DRO	VOCs 8260	SVOCs 8270	6230D						Comments: Please specify any special reporting requirements
P8GP11-8	9-7-05	1015	SOIL							X	X							G106-551
P8GP12-5		1045								X	X							
P8GP13-8		1115								X	X							
P8GP22-8		1200						~~X~~ DS	X	X	X							
P6GPDUP	9-8-05	1230						X	X									
P6TW-1	9-7-05	1810	GW									X						

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[signature]			[signature]	9/10/05	1020	1.8°C	NC ✓ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP22-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-4G
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 12:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 88.08

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	709	1	9/15/2005
Hexachloroethane	BQL	354	1	9/15/2005
Indeno(1,2,3-c,d)pyrene	BQL	354	1	9/15/2005
Isophorone	BQL	354	1	9/15/2005
2-Methylnaphthalene	BQL	354	1	9/15/2005
2-Methylphenol	BQL	354	1	9/15/2005
3- & 4-Methylphenol	BQL	354	1	9/15/2005
Naphthalene	BQL	354	1	9/15/2005
2-Nitroaniline	BQL	354	1	9/15/2005
3-Nitroaniline	BQL	1770	1	9/15/2005
4-Nitroaniline	BQL	1770	1	9/15/2005
Nitrobenzene	BQL	354	1	9/15/2005
2-Nitrophenol	BQL	354	1	9/15/2005
4-Nitrophenol	BQL	1770	1	9/15/2005
N-Nitrosodi-n-propylamine	BQL	354	1	9/15/2005
Pentachlorophenol	BQL	1770	1	9/15/2005
Phenanthrene	BQL	354	1	9/15/2005
Phenol	BQL	354	1	9/15/2005
Pyrene	BQL	354	1	9/15/2005
1,2,4-Trichlorobenzene	BQL	354	1	9/15/2005
2,4,5-Trichlorophenol	BQL	354	1	9/15/2005
2,4,6-Trichlorophenol	BQL	354	1	9/15/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.9	109
2-Fluorophenol	10	10.9	109
Nitrobenzene-d5	10	9.9	99
Phenol-d6	10	10.5	105
2,4,6-Tribromophenol	10	7.7	77
4-Terphenyl-d14	10	11.2	112

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mc

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP22-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-4G
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 12:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 88.08

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	354	1	9/15/2005
Acenaphthylene	BQL	354	1	9/15/2005
Anthracene	BQL	354	1	9/15/2005
Benzo[a]anthracene	BQL	354	1	9/15/2005
Benzo[a]pyrene	BQL	354	1	9/15/2005
Benzo[b]fluoranthene	BQL	354	1	9/15/2005
Benzo[g,h,i]perylene	BQL	354	1	9/15/2005
Benzo[k]fluoranthene	BQL	354	1	9/15/2005
Benzoic Acid	BQL	709	1	9/15/2005
Bis(2-chloroethoxy)methane	BQL	354	1	9/15/2005
Bis(2-chloroethyl)ether	BQL	354	1	9/15/2005
Bis(2-chloroisopropyl)ether	BQL	354	1	9/15/2005
Bis(2-ethylhexyl)phthalate	BQL	354	1	9/15/2005
4-bromophenyl phenyl ether	BQL	354	1	9/15/2005
Butylbenzylphthalate	BQL	354	1	9/15/2005
2-Chloronaphthalene	BQL	354	1	9/15/2005
2-Chlorophenol	BQL	354	1	9/15/2005
4-Chloro-3-methylphenol	BQL	354	1	9/15/2005
4-Chloroaniline	BQL	1770	1	9/15/2005
4-Chlorophenyl phenyl ether	BQL	354	1	9/15/2005
Chrysene	BQL	354	1	9/15/2005
Dibenzo[a,h]anthracene	BQL	354	1	9/15/2005
Dibenzofuran	BQL	354	1	9/15/2005
Di-n-Butylphthalate	BQL	354	1	9/15/2005
1,2-Dichlorobenzene	BQL	354	1	9/15/2005
1,3-Dichlorobenzene	BQL	354	1	9/15/2005
1,4-Dichlorobenzene	BQL	354	1	9/15/2005
3,3'-Dichlorobenzidine	BQL	709	1	9/15/2005
2,4-Dichlorophenol	BQL	354	1	9/15/2005
Diethylphthalate	BQL	354	1	9/15/2005
Dimethylphthalate	BQL	354	1	9/15/2005
2,4-Dimethylphenol	BQL	354	1	9/15/2005
Di-n-octylphthalate	BQL	354	1	9/15/2005
4,6-Dinitro-2-methylphenol	BQL	1770	1	9/15/2005
2,4-Dinitrophenol	BQL	1770	1	9/15/2005
2,4-Dinitrotoluene	BQL	354	1	9/15/2005
2,6-Dinitrotoluene	BQL	354	1	9/15/2005
Diphenylamine *	BQL	354	1	9/15/2005
Fluoranthene	BQL	354	1	9/15/2005
Fluorene	BQL	354	1	9/15/2005
Hexachlorobenzene	BQL	354	1	9/15/2005
Hexachlorobutadiene	BQL	354	1	9/15/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP13-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-3H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 11:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 86.81

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	703	1	9/15/2005
Hexachloroethane	BQL	352	1	9/15/2005
Indeno(1,2,3-c,d)pyrene	BQL	352	1	9/15/2005
Isophorone	BQL	352	1	9/15/2005
2-Methylnaphthalene	BQL	352	1	9/15/2005
2-Methylphenol	BQL	352	1	9/15/2005
3- & 4-Methylphenol	BQL	352	1	9/15/2005
Naphthalene	BQL	352	1	9/15/2005
2-Nitroaniline	BQL	352	1	9/15/2005
3-Nitroaniline	BQL	1760	1	9/15/2005
4-Nitroaniline	BQL	1760	1	9/15/2005
Nitrobenzene	BQL	352	1	9/15/2005
2-Nitrophenol	BQL	352	1	9/15/2005
4-Nitrophenol	BQL	1760	1	9/15/2005
N-Nitrosodi-n-propylamine	BQL	352	1	9/15/2005
Pentachlorophenol	BQL	1760	1	9/15/2005
Phenanthrene	BQL	352	1	9/15/2005
Phenol	BQL	352	1	9/15/2005
Pyrene	BQL	352	1	9/15/2005
1,2,4-Trichlorobenzene	BQL	352	1	9/15/2005
2,4,5-Trichlorophenol	BQL	352	1	9/15/2005
2,4,6-Trichlorophenol	BQL	352	1	9/15/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.3	103
2-Fluorophenol	10	9.4	94
Nitrobenzene-d5	10	9.5	95
Phenol-d6	10	10	100
2,4,6-Tribromophenol	10	7.4	74
4-Terphenyl-d14	10	11.4	114

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP13-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-3H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 11:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 86.81

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	352	1	9/15/2005
Acenaphthylene	BQL	352	1	9/15/2005
Anthracene	BQL	352	1	9/15/2005
Benzo[a]anthracene	BQL	352	1	9/15/2005
Benzo[a]pyrene	BQL	352	1	9/15/2005
Benzo[b]fluoranthene	BQL	352	1	9/15/2005
Benzo[g,h,i]perylene	BQL	352	1	9/15/2005
Benzo[k]fluoranthene	BQL	352	1	9/15/2005
Benzoic Acid	BQL	703	1	9/15/2005
Bis(2-chloroethoxy)methane	BQL	352	1	9/15/2005
Bis(2-chloroethyl)ether	BQL	352	1	9/15/2005
Bis(2-chloroisopropyl)ether	BQL	352	1	9/15/2005
Bis(2-ethylhexyl)phthalate	BQL	352	1	9/15/2005
4-bromophenyl phenyl ether	BQL	352	1	9/15/2005
Butylbenzylphthalate	BQL	352	1	9/15/2005
2-Chloronaphthalene	BQL	352	1	9/15/2005
2-Chlorophenol	BQL	352	1	9/15/2005
4-Chloro-3-methylphenol	BQL	352	1	9/15/2005
4-Chloroaniline	BQL	1760	1	9/15/2005
4-Chlorophenyl phenyl ether	BQL	352	1	9/15/2005
Chrysene	BQL	352	1	9/15/2005
Dibenzo[a,h]anthracene	BQL	352	1	9/15/2005
Dibenzofuran	BQL	352	1	9/15/2005
Di-n-Butylphthalate	BQL	352	1	9/15/2005
1,2-Dichlorobenzene	BQL	352	1	9/15/2005
1,3-Dichlorobenzene	BQL	352	1	9/15/2005
1,4-Dichlorobenzene	BQL	352	1	9/15/2005
3,3'-Dichlorobenzidine	BQL	703	1	9/15/2005
2,4-Dichlorophenol	BQL	352	1	9/15/2005
Diethylphthalate	BQL	352	1	9/15/2005
Dimethylphthalate	BQL	352	1	9/15/2005
2,4-Dimethylphenol	BQL	352	1	9/15/2005
Di-n-octylphthalate	BQL	352	1	9/15/2005
4,6-Dinitro-2-methylphenol	BQL	1760	1	9/15/2005
2,4-Dinitrophenol	BQL	1760	1	9/15/2005
2,4-Dinitrotoluene	BQL	352	1	9/15/2005
2,6-Dinitrotoluene	BQL	352	1	9/15/2005
Diphenylamine *	BQL	352	1	9/15/2005
Fluoranthene	BQL	352	1	9/15/2005
Fluorene	BQL	352	1	9/15/2005
Hexachlorobenzene	BQL	352	1	9/15/2005
Hexachlorobutadiene	BQL	352	1	9/15/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP12-5
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-2H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 10:45
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 82.06

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	732	1	9/14/2005
Hexachloroethane	BQL	366	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	366	1	9/14/2005
Isophorone	BQL	366	1	9/14/2005
2-Methylnaphthalene	BQL	366	1	9/14/2005
2-Methylphenol	BQL	366	1	9/14/2005
3- & 4-Methylphenol	BQL	366	1	9/14/2005
Naphthalene	BQL	366	1	9/14/2005
2-Nitroaniline	BQL	366	1	9/14/2005
3-Nitroaniline	BQL	1830	1	9/14/2005
4-Nitroaniline	BQL	1830	1	9/14/2005
Nitrobenzene	BQL	366	1	9/14/2005
2-Nitrophenol	BQL	366	1	9/14/2005
4-Nitrophenol	BQL	1830	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	366	1	9/14/2005
Pentachlorophenol	BQL	1830	1	9/14/2005
Phenanthrene	BQL	366	1	9/14/2005
Phenol	BQL	366	1	9/14/2005
Pyrene	BQL	366	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	366	1	9/14/2005
2,4,5-Trichlorophenol	BQL	366	1	9/14/2005
2,4,6-Trichlorophenol	BQL	366	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.4	84
2-Fluorophenol	10	10.2	102
Nitrobenzene-d5	10	8.5	85
Phenol-d6	10	10.2	102
2,4,6-Tribromophenol	10	5.7	57
4-Terphenyl-d14	10	8.7	87

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mc

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP12-5
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-2H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 10:45
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 82.06

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	366	1	9/14/2005
Acenaphthylene	BQL	366	1	9/14/2005
Anthracene	BQL	366	1	9/14/2005
Benzo[a]anthracene	BQL	366	1	9/14/2005
Benzo[a]pyrene	BQL	366	1	9/14/2005
Benzo[b]fluoranthene	BQL	366	1	9/14/2005
Benzo[g,h,i]perylene	BQL	366	1	9/14/2005
Benzo[k]fluoranthene	BQL	366	1	9/14/2005
Benzoic Acid	BQL	732	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	366	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	366	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	366	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	366	1	9/14/2005
4-bromophenyl phenyl ether	BQL	366	1	9/14/2005
Butylbenzylphthalate	BQL	366	1	9/14/2005
2-Chloronaphthalene	BQL	366	1	9/14/2005
2-Chlorophenol	BQL	366	1	9/14/2005
4-Chloro-3-methylphenol	BQL	366	1	9/14/2005
4-Chloroaniline	BQL	1830	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	366	1	9/14/2005
Chrysene	BQL	366	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	366	1	9/14/2005
Dibenzofuran	BQL	366	1	9/14/2005
Di-n-Butylphthalate	BQL	366	1	9/14/2005
1,2-Dichlorobenzene	BQL	366	1	9/14/2005
1,3-Dichlorobenzene	BQL	366	1	9/14/2005
1,4-Dichlorobenzene	BQL	366	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	732	1	9/14/2005
2,4-Dichlorophenol	BQL	366	1	9/14/2005
Diethylphthalate	BQL	366	1	9/14/2005
Dimethylphthalate	BQL	366	1	9/14/2005
2,4-Dimethylphenol	BQL	366	1	9/14/2005
Di-n-octylphthalate	BQL	366	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1830	1	9/14/2005
2,4-Dinitrophenol	BQL	1830	1	9/14/2005
2,4-Dinitrotoluene	BQL	366	1	9/14/2005
2,6-Dinitrotoluene	BQL	366	1	9/14/2005
Diphenylamine *	BQL	366	1	9/14/2005
Fluoranthene	BQL	366	1	9/14/2005
Fluorene	BQL	366	1	9/14/2005
Hexachlorobenzene	BQL	366	1	9/14/2005
Hexachlorobutadiene	BQL	366	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP11-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-1H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 10:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 73.95

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	826	1	9/14/2005
Hexachloroethane	BQL	413	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	413	1	9/14/2005
Isophorone	BQL	413	1	9/14/2005
2-Methylnaphthalene	BQL	413	1	9/14/2005
2-Methylphenol	BQL	413	1	9/14/2005
3- & 4-Methylphenol	BQL	413	1	9/14/2005
Naphthalene	BQL	413	1	9/14/2005
2-Nitroaniline	BQL	413	1	9/14/2005
3-Nitroaniline	BQL	2070	1	9/14/2005
4-Nitroaniline	BQL	2070	1	9/14/2005
Nitrobenzene	BQL	413	1	9/14/2005
2-Nitrophenol	BQL	413	1	9/14/2005
4-Nitrophenol	BQL	2070	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	413	1	9/14/2005
Pentachlorophenol	BQL	2070	1	9/14/2005
Phenanthrene	BQL	413	1	9/14/2005
Phenol	BQL	413	1	9/14/2005
Pyrene	BQL	413	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	413	1	9/14/2005
2,4,5-Trichlorophenol	BQL	413	1	9/14/2005
2,4,6-Trichlorophenol	BQL	413	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.1	101
2-Fluorophenol	10	6.7	67
Nitrobenzene-d5	10	7.7	77
Phenol-d6	10	7.4	74
2,4,6-Tribromophenol	10	8	80
4-Terphenyl-d14	10	9.9	99

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mr

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP23-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-1F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 9:40
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 81.7

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	364	1	9/14/2005
Acenaphthylene	BQL	364	1	9/14/2005
Anthracene	BQL	364	1	9/14/2005
Benzo[a]anthracene	BQL	364	1	9/14/2005
Benzo[a]pyrene	BQL	364	1	9/14/2005
Benzo[b]fluoranthene	BQL	364	1	9/14/2005
Benzo[g,h,i]perylene	BQL	364	1	9/14/2005
Benzo[k]fluoranthene	BQL	364	1	9/14/2005
Benzoic Acid	BQL	728	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	364	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	364	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	364	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	364	1	9/14/2005
4-bromophenyl phenyl ether	BQL	364	1	9/14/2005
Butylbenzylphthalate	BQL	364	1	9/14/2005
2-Chloronaphthalene	BQL	364	1	9/14/2005
2-Chlorophenol	BQL	364	1	9/14/2005
4-Chloro-3-methylphenol	BQL	364	1	9/14/2005
4-Chloroaniline	BQL	1820	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	364	1	9/14/2005
Chrysene	BQL	364	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	364	1	9/14/2005
Dibenzofuran	BQL	364	1	9/14/2005
Di-n-Butylphthalate	BQL	364	1	9/14/2005
1,2-Dichlorobenzene	BQL	364	1	9/14/2005
1,3-Dichlorobenzene	BQL	364	1	9/14/2005
1,4-Dichlorobenzene	BQL	364	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	728	1	9/14/2005
2,4-Dichlorophenol	BQL	364	1	9/14/2005
Diethylphthalate	BQL	364	1	9/14/2005
Dimethylphthalate	BQL	364	1	9/14/2005
2,4-Dimethylphenol	BQL	364	1	9/14/2005
Di-n-octylphthalate	BQL	364	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1820	1	9/14/2005
2,4-Dinitrophenol	BQL	1820	1	9/14/2005
2,4-Dinitrotoluene	BQL	364	1	9/14/2005
2,6-Dinitrotoluene	BQL	364	1	9/14/2005
Diphenylamine *	BQL	364	1	9/14/2005
Fluoranthene	BQL	364	1	9/14/2005
Fluorene	BQL	364	1	9/14/2005
Hexachlorobenzene	BQL	364	1	9/14/2005
Hexachlorobutadiene	BQL	364	1	9/14/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP32-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-10A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:59
Date Received: 9/10/05
Matrix: Soil
%Solids: 85.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	4.28	1	9/13/05
Iodomethane	BQL	4.28	1	9/13/05
Isopropylbenzene	BQL	4.28	1	9/13/05
4-Isopropyltoluene	BQL	4.28	1	9/13/05
Methylene chloride	BQL	17.1	1	9/13/05
4-Methyl-2-pentanone	BQL	4.28	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	4.28	1	9/13/05
Naphthalene	BQL	4.28	1	9/13/05
n-Propyl benzene	BQL	4.28	1	9/13/05
Styrene	BQL	4.28	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	4.28	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	4.28	1	9/13/05
Tetrachloroethene	BQL	4.28	1	9/13/05
Toluene	BQL	4.28	1	9/13/05
1,2,3-Trichlorobenzene	BQL	4.28	1	9/13/05
1,2,4-Trichlorobenzene	BQL	4.28	1	9/13/05
Trichloroethene	BQL	4.28	1	9/13/05
1,1,1-Trichloroethane	BQL	4.28	1	9/13/05
1,1,2-Trichloroethane	BQL	4.28	1	9/13/05
Trichlorofluoromethane	BQL	4.28	1	9/13/05
1,2,3-Trichloropropane	BQL	4.28	1	9/13/05
1,2,4-Trimethylbenzene	BQL	4.28	1	9/13/05
1,3,5-Trimethylbenzene	BQL	4.28	1	9/13/05
Vinyl chloride	BQL	4.28	1	9/13/05
m-,p-Xylene	BQL	8.55	1	9/13/05
o-Xylene	BQL	4.28	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	42.7	85
1,2-Dichloroethane-d4	50	58.7	117
Toluene-d8	50	50.3	101

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP32-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-10A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:59
Date Received: 9/10/05
Matrix: Soil
%Solids: 85.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	42.8	1	9/13/05
Benzene	BQL	4.28	1	9/13/05
Bromobenzene	BQL	4.28	1	9/13/05
Bromochloromethane	BQL	4.28	1	9/13/05
Bromodichloromethane	BQL	4.28	1	9/13/05
Bromoform	BQL	4.28	1	9/13/05
Bromomethane	BQL	4.28	1	9/13/05
2-Butanone	BQL	21.4	1	9/13/05
n-Butylbenzene	BQL	4.28	1	9/13/05
sec-Butylbenzene	BQL	4.28	1	9/13/05
tert-Butylbenzene	BQL	4.28	1	9/13/05
Carbon disulfide	BQL	4.28	1	9/13/05
Carbon tetrachloride	BQL	4.28	1	9/13/05
Chlorobenzene	BQL	4.28	1	9/13/05
Chloroethane	BQL	4.28	1	9/13/05
Chloroform	BQL	4.28	1	9/13/05
Chloromethane	BQL	4.28	1	9/13/05
2-Chlorotoluene	BQL	4.28	1	9/13/05
4-Chlorotoluene	BQL	4.28	1	9/13/05
Dibromochloromethane	BQL	4.28	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	4.28	1	9/13/05
Dibromomethane	BQL	4.28	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	4.28	1	9/13/05
1,2-Dichlorobenzene	BQL	4.28	1	9/13/05
1,3-Dichlorobenzene	BQL	4.28	1	9/13/05
1,4-Dichlorobenzene	BQL	4.28	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	4.28	1	9/13/05
1,1-Dichloroethane	BQL	4.28	1	9/13/05
1,1-Dichloroethene	BQL	4.28	1	9/13/05
1,2-Dichloroethane	BQL	4.28	1	9/13/05
cis-1,2-Dichloroethene	BQL	4.28	1	9/13/05
trans-1,2-dichloroethene	BQL	4.28	1	9/13/05
1,2-Dichloropropane	BQL	4.28	1	9/13/05
1,3-Dichloropropane	BQL	4.28	1	9/13/05
2,2-Dichloropropane	BQL	4.28	1	9/13/05
1,1-Dichloropropene	BQL	4.28	1	9/13/05
cis-1,3-Dichloropropene	BQL	4.28	1	9/13/05
trans-1,3-Dichloropropene	BQL	4.28	1	9/13/05
Dichlorodifluoromethane	BQL	4.28	1	9/13/05
Diisopropyl ether (DIPE)	BQL	4.28	1	9/13/05
Ethylbenzene	BQL	4.28	1	9/13/05
Hexachlorobutadiene	BQL	4.28	1	9/13/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP31-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-9A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:45
Date Received: 9/10/05
Matrix: Soil
%Solids: 83.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.07	1	9/13/05
Iodomethane	BQL	5.07	1	9/13/05
Isopropylbenzene	BQL	5.07	1	9/13/05
4-Isopropyltoluene	BQL	5.07	1	9/13/05
Methylene chloride	BQL	20.3	1	9/13/05
4-Methyl-2-pentanone	BQL	5.07	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	5.07	1	9/13/05
Naphthalene	BQL	5.07	1	9/13/05
n-Propyl benzene	BQL	5.07	1	9/13/05
Styrene	BQL	5.07	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	5.07	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	5.07	1	9/13/05
Tetrachloroethene	BQL	5.07	1	9/13/05
Toluene	BQL	5.07	1	9/13/05
1,2,3-Trichlorobenzene	BQL	5.07	1	9/13/05
1,2,4-Trichlorobenzene	BQL	5.07	1	9/13/05
Trichloroethene	BQL	5.07	1	9/13/05
1,1,1-Trichloroethane	BQL	5.07	1	9/13/05
1,1,2-Trichloroethane	BQL	5.07	1	9/13/05
Trichlorofluoromethane	BQL	5.07	1	9/13/05
1,2,3-Trichloropropane	BQL	5.07	1	9/13/05
1,2,4-Trimethylbenzene	BQL	5.07	1	9/13/05
1,3,5-Trimethylbenzene	BQL	5.07	1	9/13/05
Vinyl chloride	BQL	5.07	1	9/13/05
m-,p-Xylene	BQL	10.1	1	9/13/05
o-Xylene	BQL	5.07	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	39.7	79
1,2-Dichloroethane-d4	50	58.6	117
Toluene-d8	50	50.6	101

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP31-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-9A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:45
Date Received: 9/10/05
Matrix: Soil
%Solids: 83.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	50.7	1	9/13/05
Benzene	BQL	5.07	1	9/13/05
Bromobenzene	BQL	5.07	1	9/13/05
Bromochloromethane	BQL	5.07	1	9/13/05
Bromodichloromethane	BQL	5.07	1	9/13/05
Bromoform	BQL	5.07	1	9/13/05
Bromomethane	BQL	5.07	1	9/13/05
2-Butanone	BQL	25.3	1	9/13/05
n-Butylbenzene	BQL	5.07	1	9/13/05
sec-Butylbenzene	BQL	5.07	1	9/13/05
tert-Butylbenzene	BQL	5.07	1	9/13/05
Carbon disulfide	BQL	5.07	1	9/13/05
Carbon tetrachloride	BQL	5.07	1	9/13/05
Chlorobenzene	BQL	5.07	1	9/13/05
Chloroethane	BQL	5.07	1	9/13/05
Chloroform	BQL	5.07	1	9/13/05
Chloromethane	BQL	5.07	1	9/13/05
2-Chlorotoluene	BQL	5.07	1	9/13/05
4-Chlorotoluene	BQL	5.07	1	9/13/05
Dibromochloromethane	BQL	5.07	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	5.07	1	9/13/05
Dibromomethane	BQL	5.07	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	5.07	1	9/13/05
1,2-Dichlorobenzene	BQL	5.07	1	9/13/05
1,3-Dichlorobenzene	BQL	5.07	1	9/13/05
1,4-Dichlorobenzene	BQL	5.07	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	5.07	1	9/13/05
1,1-Dichloroethane	BQL	5.07	1	9/13/05
1,1-Dichloroethene	BQL	5.07	1	9/13/05
1,2-Dichloroethane	BQL	5.07	1	9/13/05
cis-1,2-Dichloroethene	BQL	5.07	1	9/13/05
trans-1,2-dichloroethene	BQL	5.07	1	9/13/05
1,2-Dichloropropane	BQL	5.07	1	9/13/05
1,3-Dichloropropane	BQL	5.07	1	9/13/05
2,2-Dichloropropane	BQL	5.07	1	9/13/05
1,1-Dichloropropene	BQL	5.07	1	9/13/05
cis-1,3-Dichloropropene	BQL	5.07	1	9/13/05
trans-1,3-Dichloropropene	BQL	5.07	1	9/13/05
Dichlorodifluoromethane	BQL	5.07	1	9/13/05
Diisopropyl ether (DIPE)	BQL	5.07	1	9/13/05
Ethylbenzene	BQL	5.07	1	9/13/05
Hexachlorobutadiene	BQL	5.07	1	9/13/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP30-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-8B
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:35
Date Received: 9/10/05
Matrix: Soil
%Solids: 77.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.84	1	9/13/05
Iodomethane	BQL	5.84	1	9/13/05
Isopropylbenzene	BQL	5.84	1	9/13/05
4-Isopropyltoluene	BQL	5.84	1	9/13/05
Methylene chloride	BQL	23.4	1	9/13/05
4-Methyl-2-pentanone	BQL	5.84	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	5.84	1	9/13/05
Naphthalene	BQL	5.84	1	9/13/05
n-Propyl benzene	BQL	5.84	1	9/13/05
Styrene	BQL	5.84	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	5.84	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	5.84	1	9/13/05
Tetrachloroethene	BQL	5.84	1	9/13/05
Toluene	BQL	5.84	1	9/13/05
1,2,3-Trichlorobenzene	BQL	5.84	1	9/13/05
1,2,4-Trichlorobenzene	BQL	5.84	1	9/13/05
Trichloroethene	BQL	5.84	1	9/13/05
1,1,1-Trichloroethane	BQL	5.84	1	9/13/05
1,1,2-Trichloroethane	BQL	5.84	1	9/13/05
Trichlorofluoromethane	BQL	5.84	1	9/13/05
1,2,3-Trichloropropane	BQL	5.84	1	9/13/05
1,2,4-Trimethylbenzene	BQL	5.84	1	9/13/05
1,3,5-Trimethylbenzene	BQL	5.84	1	9/13/05
Vinyl chloride	BQL	5.84	1	9/13/05
m-,p-Xylene	BQL	11.7	1	9/13/05
o-Xylene	BQL	5.84	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	48.2	96
1,2-Dichloroethane-d4	50	61.3	123
Toluene-d8	50	51.9	104

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP30-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-8B
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:35
Date Received: 9/10/05
Matrix: Soil
%Solids: 77.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	58.4	1	9/13/05
Benzene	BQL	5.84	1	9/13/05
Bromobenzene	BQL	5.84	1	9/13/05
Bromochloromethane	BQL	5.84	1	9/13/05
Bromodichloromethane	BQL	5.84	1	9/13/05
Bromoform	BQL	5.84	1	9/13/05
Bromomethane	BQL	5.84	1	9/13/05
2-Butanone	BQL	29.2	1	9/13/05
n-Butylbenzene	BQL	5.84	1	9/13/05
sec-Butylbenzene	BQL	5.84	1	9/13/05
tert-Butylbenzene	BQL	5.84	1	9/13/05
Carbon disulfide	BQL	5.84	1	9/13/05
Carbon tetrachloride	BQL	5.84	1	9/13/05
Chlorobenzene	BQL	5.84	1	9/13/05
Chloroethane	BQL	5.84	1	9/13/05
Chloroform	BQL	5.84	1	9/13/05
Chloromethane	BQL	5.84	1	9/13/05
2-Chlorotoluene	BQL	5.84	1	9/13/05
4-Chlorotoluene	BQL	5.84	1	9/13/05
Dibromochloromethane	BQL	5.84	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	5.84	1	9/13/05
Dibromomethane	BQL	5.84	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	5.84	1	9/13/05
1,2-Dichlorobenzene	BQL	5.84	1	9/13/05
1,3-Dichlorobenzene	BQL	5.84	1	9/13/05
1,4-Dichlorobenzene	BQL	5.84	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	5.84	1	9/13/05
1,1-Dichloroethane	BQL	5.84	1	9/13/05
1,1-Dichloroethene	BQL	5.84	1	9/13/05
1,2-Dichloroethane	BQL	5.84	1	9/13/05
cis-1,2-Dichloroethene	BQL	5.84	1	9/13/05
trans-1,2-dichloroethene	BQL	5.84	1	9/13/05
1,2-Dichloropropane	BQL	5.84	1	9/13/05
1,3-Dichloropropane	BQL	5.84	1	9/13/05
2,2-Dichloropropane	BQL	5.84	1	9/13/05
1,1-Dichloropropene	BQL	5.84	1	9/13/05
cis-1,3-Dichloropropene	BQL	5.84	1	9/13/05
trans-1,3-Dichloropropene	BQL	5.84	1	9/13/05
Dichlorodifluoromethane	BQL	5.84	1	9/13/05
Diisopropyl ether (DIPE)	BQL	5.84	1	9/13/05
Ethylbenzene	BQL	5.84	1	9/13/05
Hexachlorobutadiene	BQL	5.84	1	9/13/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP29-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-7A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:30
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.74	1	9/12/05
Iodomethane	BQL	5.74	1	9/12/05
Isopropylbenzene	BQL	5.74	1	9/12/05
4-Isopropyltoluene	BQL	5.74	1	9/12/05
Methylene chloride	BQL	22.9	1	9/12/05
4-Methyl-2-pentanone	BQL	5.74	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.74	1	9/12/05
Naphthalene	BQL	5.74	1	9/12/05
n-Propyl benzene	BQL	5.74	1	9/12/05
Styrene	BQL	5.74	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.74	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.74	1	9/12/05
Tetrachloroethene	BQL	5.74	1	9/12/05
Toluene	BQL	5.74	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.74	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.74	1	9/12/05
Trichloroethene	BQL	5.74	1	9/12/05
1,1,1-Trichloroethane	BQL	5.74	1	9/12/05
1,1,2-Trichloroethane	BQL	5.74	1	9/12/05
Trichlorofluoromethane	BQL	5.74	1	9/12/05
1,2,3-Trichloropropane	BQL	5.74	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.74	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.74	1	9/12/05
Vinyl chloride	BQL	5.74	1	9/12/05
m-,p-Xylene	BQL	11.5	1	9/12/05
o-Xylene	BQL	5.74	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	38.2	76
1,2-Dichloroethane-d4	50	61.3	123
Toluene-d8	50	51.3	103

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP29-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-7A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:30
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	57.4	1	9/12/05
Benzene	BQL	5.74	1	9/12/05
Bromobenzene	BQL	5.74	1	9/12/05
Bromochloromethane	BQL	5.74	1	9/12/05
Bromodichloromethane	BQL	5.74	1	9/12/05
Bromoform	BQL	5.74	1	9/12/05
Bromomethane	BQL	5.74	1	9/12/05
2-Butanone	BQL	28.7	1	9/12/05
n-Butylbenzene	BQL	5.74	1	9/12/05
sec-Butylbenzene	BQL	5.74	1	9/12/05
tert-Butylbenzene	BQL	5.74	1	9/12/05
Carbon disulfide	BQL	5.74	1	9/12/05
Carbon tetrachloride	BQL	5.74	1	9/12/05
Chlorobenzene	BQL	5.74	1	9/12/05
Chloroethane	BQL	5.74	1	9/12/05
Chloroform	BQL	5.74	1	9/12/05
Chloromethane	BQL	5.74	1	9/12/05
2-Chlorotoluene	BQL	5.74	1	9/12/05
4-Chlorotoluene	BQL	5.74	1	9/12/05
Dibromochloromethane	BQL	5.74	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.74	1	9/12/05
Dibromomethane	BQL	5.74	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.74	1	9/12/05
1,2-Dichlorobenzene	BQL	5.74	1	9/12/05
1,3-Dichlorobenzene	BQL	5.74	1	9/12/05
1,4-Dichlorobenzene	BQL	5.74	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.74	1	9/12/05
1,1-Dichloroethane	BQL	5.74	1	9/12/05
1,1-Dichloroethene	BQL	5.74	1	9/12/05
1,2-Dichloroethane	BQL	5.74	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.74	1	9/12/05
trans-1,2-dichloroethene	BQL	5.74	1	9/12/05
1,2-Dichloropropane	BQL	5.74	1	9/12/05
1,3-Dichloropropane	BQL	5.74	1	9/12/05
2,2-Dichloropropane	BQL	5.74	1	9/12/05
1,1-Dichloropropene	BQL	5.74	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.74	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.74	1	9/12/05
Dichlorodifluoromethane	BQL	5.74	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.74	1	9/12/05
Ethylbenzene	BQL	5.74	1	9/12/05
Hexachlorobutadiene	BQL	5.74	1	9/12/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP28-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-6A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.26	1	9/12/05
Iodomethane	BQL	5.26	1	9/12/05
Isopropylbenzene	BQL	5.26	1	9/12/05
4-Isopropyltoluene	BQL	5.26	1	9/12/05
Methylene chloride	BQL	21.1	1	9/12/05
4-Methyl-2-pentanone	BQL	5.26	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.26	1	9/12/05
Naphthalene	BQL	5.26	1	9/12/05
n-Propyl benzene	BQL	5.26	1	9/12/05
Styrene	BQL	5.26	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.26	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.26	1	9/12/05
Tetrachloroethene	BQL	5.26	1	9/12/05
Toluene	BQL	5.26	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.26	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.26	1	9/12/05
Trichloroethene	BQL	5.26	1	9/12/05
1,1,1-Trichloroethane	BQL	5.26	1	9/12/05
1,1,2-Trichloroethane	BQL	5.26	1	9/12/05
Trichlorofluoromethane	BQL	5.26	1	9/12/05
1,2,3-Trichloropropane	BQL	5.26	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.26	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.26	1	9/12/05
Vinyl chloride	BQL	5.26	1	9/12/05
m-,p-Xylene	BQL	10.5	1	9/12/05
o-Xylene	BQL	5.26	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	35.6	71
1,2-Dichloroethane-d4	50	59.1	118
Toluene-d8	50	50.4	101

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: mc

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP28-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-6A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	52.6	1	9/12/05
Benzene	BQL	5.26	1	9/12/05
Bromobenzene	BQL	5.26	1	9/12/05
Bromochloromethane	BQL	5.26	1	9/12/05
Bromodichloromethane	BQL	5.26	1	9/12/05
Bromoform	BQL	5.26	1	9/12/05
Bromomethane	BQL	5.26	1	9/12/05
2-Butanone	BQL	26.3	1	9/12/05
n-Butylbenzene	BQL	5.26	1	9/12/05
sec-Butylbenzene	BQL	5.26	1	9/12/05
tert-Butylbenzene	BQL	5.26	1	9/12/05
Carbon disulfide	BQL	5.26	1	9/12/05
Carbon tetrachloride	BQL	5.26	1	9/12/05
Chlorobenzene	BQL	5.26	1	9/12/05
Chloroethane	BQL	5.26	1	9/12/05
Chloroform	BQL	5.26	1	9/12/05
Chloromethane	BQL	5.26	1	9/12/05
2-Chlorotoluene	BQL	5.26	1	9/12/05
4-Chlorotoluene	BQL	5.26	1	9/12/05
Dibromochloromethane	BQL	5.26	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.26	1	9/12/05
Dibromomethane	BQL	5.26	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.26	1	9/12/05
1,2-Dichlorobenzene	BQL	5.26	1	9/12/05
1,3-Dichlorobenzene	BQL	5.26	1	9/12/05
1,4-Dichlorobenzene	BQL	5.26	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.26	1	9/12/05
1,1-Dichloroethane	BQL	5.26	1	9/12/05
1,1-Dichloroethene	BQL	5.26	1	9/12/05
1,2-Dichloroethane	BQL	5.26	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.26	1	9/12/05
trans-1,2-dichloroethene	BQL	5.26	1	9/12/05
1,2-Dichloropropane	BQL	5.26	1	9/12/05
1,3-Dichloropropane	BQL	5.26	1	9/12/05
2,2-Dichloropropane	BQL	5.26	1	9/12/05
1,1-Dichloropropene	BQL	5.26	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.26	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.26	1	9/12/05
Dichlorodifluoromethane	BQL	5.26	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.26	1	9/12/05
Ethylbenzene	BQL	5.26	1	9/12/05
Hexachlorobutadiene	BQL	5.26	1	9/12/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP27-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-5A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 11:30
Date Received: 9/10/05
Matrix: Soil
%Solids: 82.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	4.65	1	9/12/05
Iodomethane	BQL	4.65	1	9/12/05
Isopropylbenzene	BQL	4.65	1	9/12/05
4-Isopropyltoluene	BQL	4.65	1	9/12/05
Methylene chloride	BQL	18.6	1	9/12/05
4-Methyl-2-pentanone	BQL	4.65	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	4.65	1	9/12/05
Naphthalene	BQL	4.65	1	9/12/05
n-Propyl benzene	BQL	4.65	1	9/12/05
Styrene	BQL	4.65	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	4.65	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	4.65	1	9/12/05
Tetrachloroethene	BQL	4.65	1	9/12/05
Toluene	BQL	4.65	1	9/12/05
1,2,3-Trichlorobenzene	BQL	4.65	1	9/12/05
1,2,4-Trichlorobenzene	BQL	4.65	1	9/12/05
Trichloroethene	BQL	4.65	1	9/12/05
1,1,1-Trichloroethane	BQL	4.65	1	9/12/05
1,1,2-Trichloroethane	BQL	4.65	1	9/12/05
Trichlorofluoromethane	BQL	4.65	1	9/12/05
1,2,3-Trichloropropane	BQL	4.65	1	9/12/05
1,2,4-Trimethylbenzene	BQL	4.65	1	9/12/05
1,3,5-Trimethylbenzene	BQL	4.65	1	9/12/05
Vinyl chloride	BQL	4.65	1	9/12/05
m-,p-Xylene	BQL	9.31	1	9/12/05
o-Xylene	BQL	4.65	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	36.6	73
1,2-Dichloroethane-d4	50	58.5	117
Toluene-d8	50	49.3	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: mc

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP27-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-5A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 11:30
Date Received: 9/10/05
Matrix: Soil
%Solids: 82.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	46.5	1	9/12/05
Benzene	BQL	4.65	1	9/12/05
Bromobenzene	BQL	4.65	1	9/12/05
Bromochloromethane	BQL	4.65	1	9/12/05
Bromodichloromethane	BQL	4.65	1	9/12/05
Bromoform	BQL	4.65	1	9/12/05
Bromomethane	BQL	4.65	1	9/12/05
2-Butanone	BQL	23.3	1	9/12/05
n-Butylbenzene	BQL	4.65	1	9/12/05
sec-Butylbenzene	BQL	4.65	1	9/12/05
tert-Butylbenzene	BQL	4.65	1	9/12/05
Carbon disulfide	BQL	4.65	1	9/12/05
Carbon tetrachloride	BQL	4.65	1	9/12/05
Chlorobenzene	BQL	4.65	1	9/12/05
Chloroethane	BQL	4.65	1	9/12/05
Chloroform	BQL	4.65	1	9/12/05
Chloromethane	BQL	4.65	1	9/12/05
2-Chlorotoluene	BQL	4.65	1	9/12/05
4-Chlorotoluene	BQL	4.65	1	9/12/05
Dibromochloromethane	BQL	4.65	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	4.65	1	9/12/05
Dibromomethane	BQL	4.65	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	4.65	1	9/12/05
1,2-Dichlorobenzene	BQL	4.65	1	9/12/05
1,3-Dichlorobenzene	BQL	4.65	1	9/12/05
1,4-Dichlorobenzene	BQL	4.65	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	4.65	1	9/12/05
1,1-Dichloroethane	BQL	4.65	1	9/12/05
1,1-Dichloroethene	BQL	4.65	1	9/12/05
1,2-Dichloroethane	BQL	4.65	1	9/12/05
cis-1,2-Dichloroethene	BQL	4.65	1	9/12/05
trans-1,2-dichloroethene	BQL	4.65	1	9/12/05
1,2-Dichloropropane	BQL	4.65	1	9/12/05
1,3-Dichloropropane	BQL	4.65	1	9/12/05
2,2-Dichloropropane	BQL	4.65	1	9/12/05
1,1-Dichloropropene	BQL	4.65	1	9/12/05
cis-1,3-Dichloropropene	BQL	4.65	1	9/12/05
trans-1,3-Dichloropropene	BQL	4.65	1	9/12/05
Dichlorodifluoromethane	BQL	4.65	1	9/12/05
Diisopropyl ether (DIPE)	BQL	4.65	1	9/12/05
Ethylbenzene	BQL	4.65	1	9/12/05
Hexachlorobutadiene	BQL	4.65	1	9/12/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP26-11
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-4A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 11:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 78.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.32	1	9/12/05
Iodomethane	BQL	5.32	1	9/12/05
Isopropylbenzene	BQL	5.32	1	9/12/05
4-Isopropyltoluene	BQL	5.32	1	9/12/05
Methylene chloride	BQL	21.3	1	9/12/05
4-Methyl-2-pentanone	BQL	5.32	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.32	1	9/12/05
Naphthalene	BQL	5.32	1	9/12/05
n-Propyl benzene	BQL	5.32	1	9/12/05
Styrene	BQL	5.32	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.32	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.32	1	9/12/05
Tetrachloroethene	BQL	5.32	1	9/12/05
Toluene	BQL	5.32	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.32	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.32	1	9/12/05
Trichloroethene	BQL	5.32	1	9/12/05
1,1,1-Trichloroethane	BQL	5.32	1	9/12/05
1,1,2-Trichloroethane	BQL	5.32	1	9/12/05
Trichlorofluoromethane	BQL	5.32	1	9/12/05
1,2,3-Trichloropropane	BQL	5.32	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.32	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.32	1	9/12/05
Vinyl chloride	BQL	5.32	1	9/12/05
m-,p-Xylene	BQL	10.6	1	9/12/05
o-Xylene	BQL	5.32	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	39	78
1,2-Dichloroethane-d4	50	58.2	116
Toluene-d8	50	50.1	100

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: mr

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP26-11
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-4A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 11:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 78.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	53.2	1	9/12/05
Benzene	BQL	5.32	1	9/12/05
Bromobenzene	BQL	5.32	1	9/12/05
Bromochloromethane	BQL	5.32	1	9/12/05
Bromodichloromethane	BQL	5.32	1	9/12/05
Bromoform	BQL	5.32	1	9/12/05
Bromomethane	BQL	5.32	1	9/12/05
2-Butanone	BQL	26.6	1	9/12/05
n-Butylbenzene	BQL	5.32	1	9/12/05
sec-Butylbenzene	BQL	5.32	1	9/12/05
tert-Butylbenzene	BQL	5.32	1	9/12/05
Carbon disulfide	BQL	5.32	1	9/12/05
Carbon tetrachloride	BQL	5.32	1	9/12/05
Chlorobenzene	BQL	5.32	1	9/12/05
Chloroethane	BQL	5.32	1	9/12/05
Chloroform	BQL	5.32	1	9/12/05
Chloromethane	BQL	5.32	1	9/12/05
2-Chlorotoluene	BQL	5.32	1	9/12/05
4-Chlorotoluene	BQL	5.32	1	9/12/05
Dibromochloromethane	BQL	5.32	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.32	1	9/12/05
Dibromomethane	BQL	5.32	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.32	1	9/12/05
1,2-Dichlorobenzene	BQL	5.32	1	9/12/05
1,3-Dichlorobenzene	BQL	5.32	1	9/12/05
1,4-Dichlorobenzene	BQL	5.32	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.32	1	9/12/05
1,1-Dichloroethane	BQL	5.32	1	9/12/05
1,1-Dichloroethene	BQL	5.32	1	9/12/05
1,2-Dichloroethane	BQL	5.32	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.32	1	9/12/05
trans-1,2-dichloroethene	BQL	5.32	1	9/12/05
1,2-Dichloropropane	BQL	5.32	1	9/12/05
1,3-Dichloropropane	BQL	5.32	1	9/12/05
2,2-Dichloropropane	BQL	5.32	1	9/12/05
1,1-Dichloropropene	BQL	5.32	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.32	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.32	1	9/12/05
Dichlorodifluoromethane	BQL	5.32	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.32	1	9/12/05
Ethylbenzene	BQL	5.32	1	9/12/05
Hexachlorobutadiene	BQL	5.32	1	9/12/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP25-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-3A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 10:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 80.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	4.98	1	9/12/05
Iodomethane	BQL	4.98	1	9/12/05
Isopropylbenzene	BQL	4.98	1	9/12/05
4-Isopropyltoluene	BQL	4.98	1	9/12/05
Methylene chloride	BQL	19.9	1	9/12/05
4-Methyl-2-pentanone	BQL	4.98	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	4.98	1	9/12/05
Naphthalene	BQL	4.98	1	9/12/05
n-Propyl benzene	BQL	4.98	1	9/12/05
Styrene	BQL	4.98	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	4.98	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	4.98	1	9/12/05
Tetrachloroethene	BQL	4.98	1	9/12/05
Toluene	BQL	4.98	1	9/12/05
1,2,3-Trichlorobenzene	BQL	4.98	1	9/12/05
1,2,4-Trichlorobenzene	BQL	4.98	1	9/12/05
Trichloroethene	BQL	4.98	1	9/12/05
1,1,1-Trichloroethane	BQL	4.98	1	9/12/05
1,1,2-Trichloroethane	BQL	4.98	1	9/12/05
Trichlorofluoromethane	BQL	4.98	1	9/12/05
1,2,3-Trichloropropane	BQL	4.98	1	9/12/05
1,2,4-Trimethylbenzene	BQL	4.98	1	9/12/05
1,3,5-Trimethylbenzene	BQL	4.98	1	9/12/05
Vinyl chloride	BQL	4.98	1	9/12/05
m-,p-Xylene	BQL	9.95	1	9/12/05
o-Xylene	BQL	4.98	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	36	72
1,2-Dichloroethane-d4	50	60.3	121
Toluene-d8	50	51.4	103

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP25-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-3A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 10:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 80.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	49.8	1	9/12/05
Benzene	BQL	4.98	1	9/12/05
Bromobenzene	BQL	4.98	1	9/12/05
Bromochloromethane	BQL	4.98	1	9/12/05
Bromodichloromethane	BQL	4.98	1	9/12/05
Bromoform	BQL	4.98	1	9/12/05
Bromomethane	BQL	4.98	1	9/12/05
2-Butanone	BQL	24.9	1	9/12/05
n-Butylbenzene	BQL	4.98	1	9/12/05
sec-Butylbenzene	BQL	4.98	1	9/12/05
tert-Butylbenzene	BQL	4.98	1	9/12/05
Carbon disulfide	BQL	4.98	1	9/12/05
Carbon tetrachloride	BQL	4.98	1	9/12/05
Chlorobenzene	BQL	4.98	1	9/12/05
Chloroethane	BQL	4.98	1	9/12/05
Chloroform	BQL	4.98	1	9/12/05
Chloromethane	BQL	4.98	1	9/12/05
2-Chlorotoluene	BQL	4.98	1	9/12/05
4-Chlorotoluene	BQL	4.98	1	9/12/05
Dibromochloromethane	BQL	4.98	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	4.98	1	9/12/05
Dibromomethane	BQL	4.98	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	4.98	1	9/12/05
1,2-Dichlorobenzene	BQL	4.98	1	9/12/05
1,3-Dichlorobenzene	BQL	4.98	1	9/12/05
1,4-Dichlorobenzene	BQL	4.98	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	4.98	1	9/12/05
1,1-Dichloroethane	BQL	4.98	1	9/12/05
1,1-Dichloroethene	BQL	4.98	1	9/12/05
1,2-Dichloroethane	BQL	4.98	1	9/12/05
cis-1,2-Dichloroethene	BQL	4.98	1	9/12/05
trans-1,2-dichloroethene	BQL	4.98	1	9/12/05
1,2-Dichloropropane	BQL	4.98	1	9/12/05
1,3-Dichloropropane	BQL	4.98	1	9/12/05
2,2-Dichloropropane	BQL	4.98	1	9/12/05
1,1-Dichloropropene	BQL	4.98	1	9/12/05
cis-1,3-Dichloropropene	BQL	4.98	1	9/12/05
trans-1,3-Dichloropropene	BQL	4.98	1	9/12/05
Dichlorodifluoromethane	BQL	4.98	1	9/12/05
Diisopropyl ether (DIPE)	BQL	4.98	1	9/12/05
Ethylbenzene	BQL	4.98	1	9/12/05
Hexachlorobutadiene	BQL	4.98	1	9/12/05

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP24-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-2A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 10:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.52	1	9/12/05
Iodomethane	BQL	5.52	1	9/12/05
Isopropylbenzene	BQL	5.52	1	9/12/05
4-Isopropyltoluene	BQL	5.52	1	9/12/05
Methylene chloride	BQL	22.1	1	9/12/05
4-Methyl-2-pentanone	BQL	5.52	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.52	1	9/12/05
Naphthalene	BQL	5.52	1	9/12/05
n-Propyl benzene	BQL	5.52	1	9/12/05
Styrene	BQL	5.52	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.52	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.52	1	9/12/05
Tetrachloroethene	BQL	5.52	1	9/12/05
Toluene	BQL	5.52	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.52	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.52	1	9/12/05
Trichloroethene	BQL	5.52	1	9/12/05
1,1,1-Trichloroethane	BQL	5.52	1	9/12/05
1,1,2-Trichloroethane	BQL	5.52	1	9/12/05
Trichlorofluoromethane	BQL	5.52	1	9/12/05
1,2,3-Trichloropropane	BQL	5.52	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.52	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.52	1	9/12/05
Vinyl chloride	BQL	5.52	1	9/12/05
m-,p-Xylene	BQL	11.0	1	9/12/05
o-Xylene	BQL	5.52	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	36.3	73
1,2-Dichloroethane-d4	50	58.3	117
Toluene-d8	50	50.8	102

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: mc

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP32-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-10F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:59
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 85.08

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	725	1	9/14/2005
Hexachloroethane	BQL	363	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	363	1	9/14/2005
Isophorone	BQL	363	1	9/14/2005
2-Methylnaphthalene	BQL	363	1	9/14/2005
2-Methylphenol	BQL	363	1	9/14/2005
3- & 4-Methylphenol	BQL	363	1	9/14/2005
Naphthalene	BQL	363	1	9/14/2005
2-Nitroaniline	BQL	363	1	9/14/2005
3-Nitroaniline	BQL	1810	1	9/14/2005
4-Nitroaniline	BQL	1810	1	9/14/2005
Nitrobenzene	BQL	363	1	9/14/2005
2-Nitrophenol	BQL	363	1	9/14/2005
4-Nitrophenol	BQL	1810	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	363	1	9/14/2005
Pentachlorophenol	BQL	1810	1	9/14/2005
Phenanthrene	BQL	363	1	9/14/2005
Phenol	BQL	363	1	9/14/2005
Pyrene	BQL	363	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	363	1	9/14/2005
2,4,5-Trichlorophenol	BQL	363	1	9/14/2005
2,4,6-Trichlorophenol	BQL	363	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.8	108
2-Fluorophenol	10	11.3	114
Nitrobenzene-d5	10	10.3	103
Phenol-d6	10	11.1	111
2,4,6-Tribromophenol	10	7	70
4-Terphenyl-d14	10	11	110

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mr

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP32-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-10F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:59
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 85.08

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	363	1	9/14/2005
Acenaphthylene	BQL	363	1	9/14/2005
Anthracene	BQL	363	1	9/14/2005
Benzo[a]anthracene	BQL	363	1	9/14/2005
Benzo[a]pyrene	BQL	363	1	9/14/2005
Benzo[b]fluoranthene	BQL	363	1	9/14/2005
Benzo[g,h,i]perylene	BQL	363	1	9/14/2005
Benzo[k]fluoranthene	BQL	363	1	9/14/2005
Benzoic Acid	BQL	725	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	363	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	363	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	363	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	363	1	9/14/2005
4-bromophenyl phenyl ether	BQL	363	1	9/14/2005
Butylbenzylphthalate	BQL	363	1	9/14/2005
2-Chloronaphthalene	BQL	363	1	9/14/2005
2-Chlorophenol	BQL	363	1	9/14/2005
4-Chloro-3-methylphenol	BQL	363	1	9/14/2005
4-Chloroaniline	BQL	1810	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	363	1	9/14/2005
Chrysene	BQL	363	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	363	1	9/14/2005
Dibenzofuran	BQL	363	1	9/14/2005
Di-n-Butylphthalate	BQL	363	1	9/14/2005
1,2-Dichlorobenzene	BQL	363	1	9/14/2005
1,3-Dichlorobenzene	BQL	363	1	9/14/2005
1,4-Dichlorobenzene	BQL	363	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	725	1	9/14/2005
2,4-Dichlorophenol	BQL	363	1	9/14/2005
Diethylphthalate	BQL	363	1	9/14/2005
Dimethylphthalate	BQL	363	1	9/14/2005
2,4-Dimethylphenol	BQL	363	1	9/14/2005
Di-n-octylphthalate	BQL	363	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1810	1	9/14/2005
2,4-Dinitrophenol	BQL	1810	1	9/14/2005
2,4-Dinitrotoluene	BQL	363	1	9/14/2005
2,6-Dinitrotoluene	BQL	363	1	9/14/2005
Diphenylamine *	BQL	363	1	9/14/2005
Fluoranthene	BQL	363	1	9/14/2005
Fluorene	BQL	363	1	9/14/2005
Hexachlorobenzene	BQL	363	1	9/14/2005
Hexachlorobutadiene	BQL	363	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP31-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-9F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:45
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 83.75

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	720	1	9/14/2005
Hexachloroethane	BQL	360	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	360	1	9/14/2005
Isophorone	BQL	360	1	9/14/2005
2-Methylnaphthalene	BQL	360	1	9/14/2005
2-Methylphenol	BQL	360	1	9/14/2005
3- & 4-Methylphenol	BQL	360	1	9/14/2005
Naphthalene	BQL	360	1	9/14/2005
2-Nitroaniline	BQL	360	1	9/14/2005
3-Nitroaniline	BQL	1800	1	9/14/2005
4-Nitroaniline	BQL	1800	1	9/14/2005
Nitrobenzene	BQL	360	1	9/14/2005
2-Nitrophenol	BQL	360	1	9/14/2005
4-Nitrophenol	BQL	1800	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	360	1	9/14/2005
Pentachlorophenol	BQL	1800	1	9/14/2005
Phenanthrene	BQL	360	1	9/14/2005
Phenol	BQL	360	1	9/14/2005
Pyrene	BQL	360	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	360	1	9/14/2005
2,4,5-Trichlorophenol	BQL	360	1	9/14/2005
2,4,6-Trichlorophenol	BQL	360	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.1	111
2-Fluorophenol	10	11.4	114
Nitrobenzene-d5	10	10.2	102
Phenol-d6	10	11.3	113
2,4,6-Tribromophenol	10	7.1	71
4-Terphenyl-d14	10	11.6	116

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mrc

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP31-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-9F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:45
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 83.75

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	360	1	9/14/2005
Acenaphthylene	BQL	360	1	9/14/2005
Anthracene	BQL	360	1	9/14/2005
Benzo[a]anthracene	BQL	360	1	9/14/2005
Benzo[a]pyrene	BQL	360	1	9/14/2005
Benzo[b]fluoranthene	BQL	360	1	9/14/2005
Benzo[g,h,i]perylene	BQL	360	1	9/14/2005
Benzo[k]fluoranthene	BQL	360	1	9/14/2005
Benzoic Acid	BQL	720	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	360	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	360	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	360	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	360	1	9/14/2005
4-bromophenyl phenyl ether	BQL	360	1	9/14/2005
Butylbenzylphthalate	BQL	360	1	9/14/2005
2-Chloronaphthalene	BQL	360	1	9/14/2005
2-Chlorophenol	BQL	360	1	9/14/2005
4-Chloro-3-methylphenol	BQL	360	1	9/14/2005
4-Chloroaniline	BQL	1800	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	360	1	9/14/2005
Chrysene	BQL	360	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	360	1	9/14/2005
Dibenzofuran	BQL	360	1	9/14/2005
Di-n-Butylphthalate	BQL	360	1	9/14/2005
1,2-Dichlorobenzene	BQL	360	1	9/14/2005
1,3-Dichlorobenzene	BQL	360	1	9/14/2005
1,4-Dichlorobenzene	BQL	360	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	720	1	9/14/2005
2,4-Dichlorophenol	BQL	360	1	9/14/2005
Diethylphthalate	BQL	360	1	9/14/2005
Dimethylphthalate	BQL	360	1	9/14/2005
2,4-Dimethylphenol	BQL	360	1	9/14/2005
Di-n-octylphthalate	BQL	360	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1800	1	9/14/2005
2,4-Dinitrophenol	BQL	1800	1	9/14/2005
2,4-Dinitrotoluene	BQL	360	1	9/14/2005
2,6-Dinitrotoluene	BQL	360	1	9/14/2005
Diphenylamine *	BQL	360	1	9/14/2005
Fluoranthene	BQL	360	1	9/14/2005
Fluorene	BQL	360	1	9/14/2005
Hexachlorobenzene	BQL	360	1	9/14/2005
Hexachlorobutadiene	BQL	360	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP30-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-8F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:35
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 77.91

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	771	1	9/14/2005
Hexachloroethane	BQL	385	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	385	1	9/14/2005
Isophorone	BQL	385	1	9/14/2005
2-Methylnaphthalene	BQL	385	1	9/14/2005
2-Methylphenol	BQL	385	1	9/14/2005
3- & 4-Methylphenol	BQL	385	1	9/14/2005
Naphthalene	BQL	385	1	9/14/2005
2-Nitroaniline	BQL	385	1	9/14/2005
3-Nitroaniline	BQL	1930	1	9/14/2005
4-Nitroaniline	BQL	1930	1	9/14/2005
Nitrobenzene	BQL	385	1	9/14/2005
2-Nitrophenol	BQL	385	1	9/14/2005
4-Nitrophenol	BQL	1930	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	385	1	9/14/2005
Pentachlorophenol	BQL	1930	1	9/14/2005
Phenanthrene	BQL	385	1	9/14/2005
Phenol	BQL	385	1	9/14/2005
Pyrene	BQL	385	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	385	1	9/14/2005
2,4,5-Trichlorophenol	BQL	385	1	9/14/2005
2,4,6-Trichlorophenol	BQL	385	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.3	103
2-Fluorophenol	10	11	110
Nitrobenzene-d5	10	9.6	96
Phenol-d6	10	10.8	108
2,4,6-Tribromophenol	10	7.5	75
4-Terphenyl-d14	10	10.3	103

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP30-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-8F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:35
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 77.91

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	385	1	9/14/2005
Acenaphthylene	BQL	385	1	9/14/2005
Anthracene	BQL	385	1	9/14/2005
Benzo[a]anthracene	BQL	385	1	9/14/2005
Benzo[a]pyrene	BQL	385	1	9/14/2005
Benzo[b]fluoranthene	BQL	385	1	9/14/2005
Benzo[g,h,i]perylene	BQL	385	1	9/14/2005
Benzo[k]fluoranthene	BQL	385	1	9/14/2005
Benzoic Acid	BQL	771	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	385	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	385	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	385	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	385	1	9/14/2005
4-bromophenyl phenyl ether	BQL	385	1	9/14/2005
Butylbenzylphthalate	BQL	385	1	9/14/2005
2-Chloronaphthalene	BQL	385	1	9/14/2005
2-Chlorophenol	BQL	385	1	9/14/2005
4-Chloro-3-methylphenol	BQL	385	1	9/14/2005
4-Chloroaniline	BQL	1930	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	385	1	9/14/2005
Chrysene	BQL	385	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	385	1	9/14/2005
Dibenzofuran	BQL	385	1	9/14/2005
Di-n-Butylphthalate	BQL	385	1	9/14/2005
1,2-Dichlorobenzene	BQL	385	1	9/14/2005
1,3-Dichlorobenzene	BQL	385	1	9/14/2005
1,4-Dichlorobenzene	BQL	385	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	771	1	9/14/2005
2,4-Dichlorophenol	BQL	385	1	9/14/2005
Diethylphthalate	BQL	385	1	9/14/2005
Dimethylphthalate	BQL	385	1	9/14/2005
2,4-Dimethylphenol	BQL	385	1	9/14/2005
Di-n-octylphthalate	BQL	385	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1930	1	9/14/2005
2,4-Dinitrophenol	BQL	1930	1	9/14/2005
2,4-Dinitrotoluene	BQL	385	1	9/14/2005
2,6-Dinitrotoluene	BQL	385	1	9/14/2005
Diphenylamine *	BQL	385	1	9/14/2005
Fluoranthene	BQL	385	1	9/14/2005
Fluorene	BQL	385	1	9/14/2005
Hexachlorobenzene	BQL	385	1	9/14/2005
Hexachlorobutadiene	BQL	385	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP29-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-7F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:30
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.63

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	703	1	9/14/2005
Hexachloroethane	BQL	351	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	351	1	9/14/2005
Isophorone	BQL	351	1	9/14/2005
2-Methylnaphthalene	BQL	351	1	9/14/2005
2-Methylphenol	BQL	351	1	9/14/2005
3- & 4-Methylphenol	BQL	351	1	9/14/2005
Naphthalene	BQL	351	1	9/14/2005
2-Nitroaniline	BQL	351	1	9/14/2005
3-Nitroaniline	BQL	1760	1	9/14/2005
4-Nitroaniline	BQL	1760	1	9/14/2005
Nitrobenzene	BQL	351	1	9/14/2005
2-Nitrophenol	BQL	351	1	9/14/2005
4-Nitrophenol	BQL	1760	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	351	1	9/14/2005
Pentachlorophenol	BQL	1760	1	9/14/2005
Phenanthrene	BQL	351	1	9/14/2005
Phenol	BQL	351	1	9/14/2005
Pyrene	BQL	351	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	351	1	9/14/2005
2,4,5-Trichlorophenol	BQL	351	1	9/14/2005
2,4,6-Trichlorophenol	BQL	351	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11	110
2-Fluorophenol	10	11.8	118
Nitrobenzene-d5	10	10.6	106
Phenol-d6	10	11.4	114
2,4,6-Tribromophenol	10	8.1	81
4-Terphenyl-d14	10	11.3	113

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP29-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-7F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:30
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.63

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	351	1	9/14/2005
Acenaphthylene	BQL	351	1	9/14/2005
Anthracene	BQL	351	1	9/14/2005
Benzo[a]anthracene	BQL	351	1	9/14/2005
Benzo[a]pyrene	BQL	351	1	9/14/2005
Benzo[b]fluoranthene	BQL	351	1	9/14/2005
Benzo[g,h,i]perylene	BQL	351	1	9/14/2005
Benzo[k]fluoranthene	BQL	351	1	9/14/2005
Benzoic Acid	BQL	703	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	351	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	351	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	351	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	351	1	9/14/2005
4-bromophenyl phenyl ether	BQL	351	1	9/14/2005
Butylbenzylphthalate	BQL	351	1	9/14/2005
2-Chloronaphthalene	BQL	351	1	9/14/2005
2-Chlorophenol	BQL	351	1	9/14/2005
4-Chloro-3-methylphenol	BQL	351	1	9/14/2005
4-Chloroaniline	BQL	1760	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	351	1	9/14/2005
Chrysene	BQL	351	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	351	1	9/14/2005
Dibenzofuran	BQL	351	1	9/14/2005
Di-n-Butylphthalate	BQL	351	1	9/14/2005
1,2-Dichlorobenzene	BQL	351	1	9/14/2005
1,3-Dichlorobenzene	BQL	351	1	9/14/2005
1,4-Dichlorobenzene	BQL	351	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	703	1	9/14/2005
2,4-Dichlorophenol	BQL	351	1	9/14/2005
Diethylphthalate	BQL	351	1	9/14/2005
Dimethylphthalate	BQL	351	1	9/14/2005
2,4-Dimethylphenol	BQL	351	1	9/14/2005
Di-n-octylphthalate	BQL	351	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1760	1	9/14/2005
2,4-Dinitrophenol	BQL	1760	1	9/14/2005
2,4-Dinitrotoluene	BQL	351	1	9/14/2005
2,6-Dinitrotoluene	BQL	351	1	9/14/2005
Diphenylamine *	BQL	351	1	9/14/2005
Fluoranthene	BQL	351	1	9/14/2005
Fluorene	BQL	351	1	9/14/2005
Hexachlorobenzene	BQL	351	1	9/14/2005
Hexachlorobutadiene	BQL	351	1	9/14/2005

Results for Semivolatiles by GCMS 8270

Client Sample ID: P8GP28-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-6F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.81

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	712	1	9/14/2005
Hexachloroethane	BQL	356	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	356	1	9/14/2005
Isophorone	BQL	356	1	9/14/2005
2-Methylnaphthalene	BQL	356	1	9/14/2005
2-Methylphenol	BQL	356	1	9/14/2005
3- & 4-Methylphenol	BQL	356	1	9/14/2005
Naphthalene	BQL	356	1	9/14/2005
2-Nitroaniline	BQL	356	1	9/14/2005
3-Nitroaniline	BQL	1780	1	9/14/2005
4-Nitroaniline	BQL	1780	1	9/14/2005
Nitrobenzene	BQL	356	1	9/14/2005
2-Nitrophenol	BQL	356	1	9/14/2005
4-Nitrophenol	BQL	1780	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	356	1	9/14/2005
Pentachlorophenol	BQL	1780	1	9/14/2005
Phenanthrene	BQL	356	1	9/14/2005
Phenol	BQL	356	1	9/14/2005
Pyrene	BQL	356	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	356	1	9/14/2005
2,4,5-Trichlorophenol	BQL	356	1	9/14/2005
2,4,6-Trichlorophenol	BQL	356	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11	110
2-Fluorophenol	10	11.4	114
Nitrobenzene-d5	10	10.5	105
Phenol-d6	10	11.2	112
2,4,6-Tribromophenol	10	8.2	82
4-Terphenyl-d14	10	11.2	112

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mc

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP28-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-6F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.81

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	356	1	9/14/2005
Acenaphthylene	BQL	356	1	9/14/2005
Anthracene	BQL	356	1	9/14/2005
Benzo[a]anthracene	BQL	356	1	9/14/2005
Benzo[a]pyrene	BQL	356	1	9/14/2005
Benzo[b]fluoranthene	BQL	356	1	9/14/2005
Benzo[g,h,i]perylene	BQL	356	1	9/14/2005
Benzo[k]fluoranthene	BQL	356	1	9/14/2005
Benzoic Acid	BQL	712	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	356	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	356	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	356	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	356	1	9/14/2005
4-bromophenyl phenyl ether	BQL	356	1	9/14/2005
Butylbenzylphthalate	BQL	356	1	9/14/2005
2-Chloronaphthalene	BQL	356	1	9/14/2005
2-Chlorophenol	BQL	356	1	9/14/2005
4-Chloro-3-methylphenol	BQL	356	1	9/14/2005
4-Chloroaniline	BQL	1780	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	356	1	9/14/2005
Chrysene	BQL	356	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	356	1	9/14/2005
Dibenzofuran	BQL	356	1	9/14/2005
Di-n-Butylphthalate	BQL	356	1	9/14/2005
1,2-Dichlorobenzene	BQL	356	1	9/14/2005
1,3-Dichlorobenzene	BQL	356	1	9/14/2005
1,4-Dichlorobenzene	BQL	356	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	712	1	9/14/2005
2,4-Dichlorophenol	BQL	356	1	9/14/2005
Diethylphthalate	BQL	356	1	9/14/2005
Dimethylphthalate	BQL	356	1	9/14/2005
2,4-Dimethylphenol	BQL	356	1	9/14/2005
Di-n-octylphthalate	BQL	356	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1780	1	9/14/2005
2,4-Dinitrophenol	BQL	1780	1	9/14/2005
2,4-Dinitrotoluene	BQL	356	1	9/14/2005
2,6-Dinitrotoluene	BQL	356	1	9/14/2005
Diphenylamine *	BQL	356	1	9/14/2005
Fluoranthene	BQL	356	1	9/14/2005
Fluorene	BQL	356	1	9/14/2005
Hexachlorobenzene	BQL	356	1	9/14/2005
Hexachlorobutadiene	BQL	356	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP27-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-5F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 11:30
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 82.91

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	740	1	9/14/2005
Hexachloroethane	BQL	370	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	370	1	9/14/2005
Isophorone	BQL	370	1	9/14/2005
2-Methylnaphthalene	BQL	370	1	9/14/2005
2-Methylphenol	BQL	370	1	9/14/2005
3- & 4-Methylphenol	BQL	370	1	9/14/2005
Naphthalene	BQL	370	1	9/14/2005
2-Nitroaniline	BQL	370	1	9/14/2005
3-Nitroaniline	BQL	1850	1	9/14/2005
4-Nitroaniline	BQL	1850	1	9/14/2005
Nitrobenzene	BQL	370	1	9/14/2005
2-Nitrophenol	BQL	370	1	9/14/2005
4-Nitrophenol	BQL	1850	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	370	1	9/14/2005
Pentachlorophenol	BQL	1850	1	9/14/2005
Phenanthrene	BQL	370	1	9/14/2005
Phenol	BQL	370	1	9/14/2005
Pyrene	BQL	370	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	370	1	9/14/2005
2,4,5-Trichlorophenol	BQL	370	1	9/14/2005
2,4,6-Trichlorophenol	BQL	370	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.9	109
2-Fluorophenol	10	11.4	114
Nitrobenzene-d5	10	10.4	104
Phenol-d6	10	11.1	111
2,4,6-Tribromophenol	10	6.9	69
4-Terphenyl-d14	10	11.6	116

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP27-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-5F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 11:30
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 82.91

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	370	1	9/14/2005
Acenaphthylene	BQL	370	1	9/14/2005
Anthracene	BQL	370	1	9/14/2005
Benzo[a]anthracene	BQL	370	1	9/14/2005
Benzo[a]pyrene	BQL	370	1	9/14/2005
Benzo[b]fluoranthene	BQL	370	1	9/14/2005
Benzo[g,h,i]perylene	BQL	370	1	9/14/2005
Benzo[k]fluoranthene	BQL	370	1	9/14/2005
Benzoic Acid	BQL	740	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	370	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	370	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	370	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	370	1	9/14/2005
4-bromophenyl phenyl ether	BQL	370	1	9/14/2005
Butylbenzylphthalate	BQL	370	1	9/14/2005
2-Chloronaphthalene	BQL	370	1	9/14/2005
2-Chlorophenol	BQL	370	1	9/14/2005
4-Chloro-3-methylphenol	BQL	370	1	9/14/2005
4-Chloroaniline	BQL	1850	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	370	1	9/14/2005
Chrysene	BQL	370	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	370	1	9/14/2005
Dibenzofuran	BQL	370	1	9/14/2005
Di-n-Butylphthalate	BQL	370	1	9/14/2005
1,2-Dichlorobenzene	BQL	370	1	9/14/2005
1,3-Dichlorobenzene	BQL	370	1	9/14/2005
1,4-Dichlorobenzene	BQL	370	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	740	1	9/14/2005
2,4-Dichlorophenol	BQL	370	1	9/14/2005
Diethylphthalate	BQL	370	1	9/14/2005
Dimethylphthalate	BQL	370	1	9/14/2005
2,4-Dimethylphenol	BQL	370	1	9/14/2005
Di-n-octylphthalate	BQL	370	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1850	1	9/14/2005
2,4-Dinitrophenol	BQL	1850	1	9/14/2005
2,4-Dinitrotoluene	BQL	370	1	9/14/2005
2,6-Dinitrotoluene	BQL	370	1	9/14/2005
Diphenylamine *	BQL	370	1	9/14/2005
Fluoranthene	BQL	370	1	9/14/2005
Fluorene	BQL	370	1	9/14/2005
Hexachlorobenzene	BQL	370	1	9/14/2005
Hexachlorobutadiene	BQL	370	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP26-11
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-4F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 11:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 78.84

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	746	1	9/14/2005
Hexachloroethane	BQL	373	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	373	1	9/14/2005
Isophorone	BQL	373	1	9/14/2005
2-Methylnaphthalene	BQL	373	1	9/14/2005
2-Methylphenol	BQL	373	1	9/14/2005
3- & 4-Methylphenol	BQL	373	1	9/14/2005
Naphthalene	BQL	373	1	9/14/2005
2-Nitroaniline	BQL	373	1	9/14/2005
3-Nitroaniline	BQL	1870	1	9/14/2005
4-Nitroaniline	BQL	1870	1	9/14/2005
Nitrobenzene	BQL	373	1	9/14/2005
2-Nitrophenol	BQL	373	1	9/14/2005
4-Nitrophenol	BQL	1870	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	373	1	9/14/2005
Pentachlorophenol	BQL	1870	1	9/14/2005
Phenanthrene	BQL	373	1	9/14/2005
Phenol	BQL	373	1	9/14/2005
Pyrene	BQL	373	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	373	1	9/14/2005
2,4,5-Trichlorophenol	BQL	373	1	9/14/2005
2,4,6-Trichlorophenol	BQL	373	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10	99
2-Fluorophenol	10	11.5	115
Nitrobenzene-d5	10	10.2	102
Phenol-d6	10	11.4	114
2,4,6-Tribromophenol	10	7.6	76
4-Terphenyl-d14	10	10.8	108

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP26-11
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-4F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 11:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 78.84

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	373	1	9/14/2005
Acenaphthylene	BQL	373	1	9/14/2005
Anthracene	BQL	373	1	9/14/2005
Benzo[a]anthracene	BQL	373	1	9/14/2005
Benzo[a]pyrene	BQL	373	1	9/14/2005
Benzo[b]fluoranthene	BQL	373	1	9/14/2005
Benzo[g,h,i]perylene	BQL	373	1	9/14/2005
Benzo[k]fluoranthene	BQL	373	1	9/14/2005
Benzoic Acid	BQL	746	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	373	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	373	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	373	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	373	1	9/14/2005
4-bromophenyl phenyl ether	BQL	373	1	9/14/2005
Butylbenzylphthalate	BQL	373	1	9/14/2005
2-Chloronaphthalene	BQL	373	1	9/14/2005
2-Chlorophenol	BQL	373	1	9/14/2005
4-Chloro-3-methylphenol	BQL	373	1	9/14/2005
4-Chloroaniline	BQL	1870	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	373	1	9/14/2005
Chrysene	BQL	373	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	373	1	9/14/2005
Dibenzofuran	BQL	373	1	9/14/2005
Di-n-Butylphthalate	BQL	373	1	9/14/2005
1,2-Dichlorobenzene	BQL	373	1	9/14/2005
1,3-Dichlorobenzene	BQL	373	1	9/14/2005
1,4-Dichlorobenzene	BQL	373	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	746	1	9/14/2005
2,4-Dichlorophenol	BQL	373	1	9/14/2005
Diethylphthalate	BQL	373	1	9/14/2005
Dimethylphthalate	BQL	373	1	9/14/2005
2,4-Dimethylphenol	BQL	373	1	9/14/2005
Di-n-octylphthalate	BQL	373	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1870	1	9/14/2005
2,4-Dinitrophenol	BQL	1870	1	9/14/2005
2,4-Dinitrotoluene	BQL	373	1	9/14/2005
2,6-Dinitrotoluene	BQL	373	1	9/14/2005
Diphenylamine *	BQL	373	1	9/14/2005
Fluoranthene	BQL	373	1	9/14/2005
Fluorene	BQL	373	1	9/14/2005
Hexachlorobenzene	BQL	373	1	9/14/2005
Hexachlorobutadiene	BQL	373	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP25-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-3F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 10:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 80.24

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	755	1	9/14/2005
Hexachloroethane	BQL	378	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	378	1	9/14/2005
Isophorone	BQL	378	1	9/14/2005
2-Methylnaphthalene	BQL	378	1	9/14/2005
2-Methylphenol	BQL	378	1	9/14/2005
3- & 4-Methylphenol	BQL	378	1	9/14/2005
Naphthalene	BQL	378	1	9/14/2005
2-Nitroaniline	BQL	378	1	9/14/2005
3-Nitroaniline	BQL	1890	1	9/14/2005
4-Nitroaniline	BQL	1890	1	9/14/2005
Nitrobenzene	BQL	378	1	9/14/2005
2-Nitrophenol	BQL	378	1	9/14/2005
4-Nitrophenol	BQL	1890	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	378	1	9/14/2005
Pentachlorophenol	BQL	1890	1	9/14/2005
Phenanthrene	BQL	378	1	9/14/2005
Phenol	BQL	378	1	9/14/2005
Pyrene	BQL	378	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	378	1	9/14/2005
2,4,5-Trichlorophenol	BQL	378	1	9/14/2005
2,4,6-Trichlorophenol	BQL	378	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.3	114
2-Fluorophenol	10	11	110
Nitrobenzene-d5	10	10.7	107
Phenol-d6	10	11.1	111
2,4,6-Tribromophenol	10	8.2	82
4-Terphenyl-d14	10	10.7	107

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mr

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP25-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-3F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 10:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 80.24

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	378	1	9/14/2005
Acenaphthylene	BQL	378	1	9/14/2005
Anthracene	BQL	378	1	9/14/2005
Benzo[a]anthracene	BQL	378	1	9/14/2005
Benzo[a]pyrene	BQL	378	1	9/14/2005
Benzo[b]fluoranthene	BQL	378	1	9/14/2005
Benzo[g,h,i]perylene	BQL	378	1	9/14/2005
Benzo[k]fluoranthene	BQL	378	1	9/14/2005
Benzoic Acid	BQL	755	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	378	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	378	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	378	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	378	1	9/14/2005
4-bromophenyl phenyl ether	BQL	378	1	9/14/2005
Butylbenzylphthalate	BQL	378	1	9/14/2005
2-Chloronaphthalene	BQL	378	1	9/14/2005
2-Chlorophenol	BQL	378	1	9/14/2005
4-Chloro-3-methylphenol	BQL	378	1	9/14/2005
4-Chloroaniline	BQL	1890	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	378	1	9/14/2005
Chrysene	BQL	378	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	378	1	9/14/2005
Dibenzofuran	BQL	378	1	9/14/2005
Di-n-Butylphthalate	BQL	378	1	9/14/2005
1,2-Dichlorobenzene	BQL	378	1	9/14/2005
1,3-Dichlorobenzene	BQL	378	1	9/14/2005
1,4-Dichlorobenzene	BQL	378	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	755	1	9/14/2005
2,4-Dichlorophenol	BQL	378	1	9/14/2005
Diethylphthalate	BQL	378	1	9/14/2005
Dimethylphthalate	BQL	378	1	9/14/2005
2,4-Dimethylphenol	BQL	378	1	9/14/2005
Di-n-octylphthalate	BQL	378	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1890	1	9/14/2005
2,4-Dinitrophenol	BQL	1890	1	9/14/2005
2,4-Dinitrotoluene	BQL	378	1	9/14/2005
2,6-Dinitrotoluene	BQL	378	1	9/14/2005
Diphenylamine *	BQL	378	1	9/14/2005
Fluoranthene	BQL	378	1	9/14/2005
Fluorene	BQL	378	1	9/14/2005
Hexachlorobenzene	BQL	378	1	9/14/2005
Hexachlorobutadiene	BQL	378	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP24-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-2F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 10:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.62

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	720	1	9/14/2005
Hexachloroethane	BQL	360	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	360	1	9/14/2005
Isophorone	BQL	360	1	9/14/2005
2-Methylnaphthalene	BQL	360	1	9/14/2005
2-Methylphenol	BQL	360	1	9/14/2005
3- & 4-Methylphenol	BQL	360	1	9/14/2005
Naphthalene	BQL	360	1	9/14/2005
2-Nitroaniline	BQL	360	1	9/14/2005
3-Nitroaniline	BQL	1800	1	9/14/2005
4-Nitroaniline	BQL	1800	1	9/14/2005
Nitrobenzene	BQL	360	1	9/14/2005
2-Nitrophenol	BQL	360	1	9/14/2005
4-Nitrophenol	BQL	1800	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	360	1	9/14/2005
Pentachlorophenol	BQL	1800	1	9/14/2005
Phenanthrene	BQL	360	1	9/14/2005
Phenol	BQL	360	1	9/14/2005
Pyrene	BQL	360	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	360	1	9/14/2005
2,4,5-Trichlorophenol	BQL	360	1	9/14/2005
2,4,6-Trichlorophenol	BQL	360	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.7	107
2-Fluorophenol	10	11.7	117
Nitrobenzene-d5	10	10.7	107
Phenol-d6	10	11.2	112
2,4,6-Tribromophenol	10	7.3	73
4-Terphenyl-d14	10	11.2	112

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mr

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP24-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-2F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 10:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.62

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	360	1	9/14/2005
Acenaphthylene	BQL	360	1	9/14/2005
Anthracene	BQL	360	1	9/14/2005
Benzo[a]anthracene	BQL	360	1	9/14/2005
Benzo[a]pyrene	BQL	360	1	9/14/2005
Benzo[b]fluoranthene	BQL	360	1	9/14/2005
Benzo[g,h,i]perylene	BQL	360	1	9/14/2005
Benzo[k]fluoranthene	BQL	360	1	9/14/2005
Benzoic Acid	BQL	720	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	360	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	360	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	360	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	360	1	9/14/2005
4-bromophenyl phenyl ether	BQL	360	1	9/14/2005
Butylbenzylphthalate	BQL	360	1	9/14/2005
2-Chloronaphthalene	BQL	360	1	9/14/2005
2-Chlorophenol	BQL	360	1	9/14/2005
4-Chloro-3-methylphenol	BQL	360	1	9/14/2005
4-Chloroaniline	BQL	1800	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	360	1	9/14/2005
Chrysene	BQL	360	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	360	1	9/14/2005
Dibenzofuran	BQL	360	1	9/14/2005
Di-n-Butylphthalate	BQL	360	1	9/14/2005
1,2-Dichlorobenzene	BQL	360	1	9/14/2005
1,3-Dichlorobenzene	BQL	360	1	9/14/2005
1,4-Dichlorobenzene	BQL	360	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	720	1	9/14/2005
2,4-Dichlorophenol	BQL	360	1	9/14/2005
Diethylphthalate	BQL	360	1	9/14/2005
Dimethylphthalate	BQL	360	1	9/14/2005
2,4-Dimethylphenol	BQL	360	1	9/14/2005
Di-n-octylphthalate	BQL	360	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1800	1	9/14/2005
2,4-Dinitrophenol	BQL	1800	1	9/14/2005
2,4-Dinitrotoluene	BQL	360	1	9/14/2005
2,6-Dinitrotoluene	BQL	360	1	9/14/2005
Diphenylamine *	BQL	360	1	9/14/2005
Fluoranthene	BQL	360	1	9/14/2005
Fluorene	BQL	360	1	9/14/2005
Hexachlorobenzene	BQL	360	1	9/14/2005
Hexachlorobutadiene	BQL	360	1	9/14/2005

Results for Semivolatiles by GCMS 8270

Client Sample ID: P8GP23-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-1F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 9:40
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 81.7

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	728	1	9/14/2005
Hexachloroethane	BQL	364	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	364	1	9/14/2005
Isophorone	BQL	364	1	9/14/2005
2-Methylnaphthalene	BQL	364	1	9/14/2005
2-Methylphenol	BQL	364	1	9/14/2005
3- & 4-Methylphenol	BQL	364	1	9/14/2005
Naphthalene	BQL	364	1	9/14/2005
2-Nitroaniline	BQL	364	1	9/14/2005
3-Nitroaniline	BQL	1820	1	9/14/2005
4-Nitroaniline	BQL	1820	1	9/14/2005
Nitrobenzene	BQL	364	1	9/14/2005
2-Nitrophenol	BQL	364	1	9/14/2005
4-Nitrophenol	BQL	1820	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	364	1	9/14/2005
Pentachlorophenol	BQL	1820	1	9/14/2005
Phenanthrene	BQL	364	1	9/14/2005
Phenol	BQL	364	1	9/14/2005
Pyrene	BQL	364	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	364	1	9/14/2005
2,4,5-Trichlorophenol	BQL	364	1	9/14/2005
2,4,6-Trichlorophenol	BQL	364	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.6	116
2-Fluorophenol	10	10.5	105
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	11.3	113
2,4,6-Tribromophenol	10	8.1	81
4-Terphenyl-d14	10	11.6	116

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: _____

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Semivolatiles
by GCMS 625

Client Sample ID: P8-TW1
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-554-1E
Lab Project ID: G106-554

Analyzed By: MRC
Date Collected: 9/12/2005 11:30
Date Received: 9/13/2005
Date Extracted: 9/15/2005
Matrix: Water

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Isophorone	BQL	10.0	1	9/19/2005
Naphthalene	BQL	10.0	1	9/19/2005
Nitrobenzene	BQL	10.0	1	9/19/2005
2-Nitrophenol	BQL	10.0	1	9/19/2005
4-Nitrophenol	BQL	50.0	1	9/19/2005
N-Nitrosodi-n-propylamine	BQL	10.0	1	9/19/2005
Pentachlorophenol	BQL	50.0	1	9/19/2005
Phenanthrene	BQL	10.0	1	9/19/2005
Phenol	BQL	10.0	1	9/19/2005
Pyrene	BQL	10.0	1	9/19/2005
1,2,4-Trichlorobenzene	BQL	10.0	1	9/19/2005
2,4,6-Trichlorophenol	BQL	10.0	1	9/19/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.8	88
2-Fluorophenol	10	8.7	87
Nitrobenzene-d5	10	8.6	86
Phenol-d6	10	9	90
2,4,6-Tribromophenol	10	7.3	73
4-Terphenyl-d14	10	9	90

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles by GCMS 625

Client Sample ID: P8-TW1
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-554-1E
Lab Project ID: G106-554

Analyzed By: MRC
Date Collected: 9/12/2005 11:30
Date Received: 9/13/2005
Date Extracted: 9/15/2005
Matrix: Water

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Acenaphthene	BQL	10.0	1	9/19/2005
Acenaphthylene	BQL	10.0	1	9/19/2005
Anthracene	BQL	10.0	1	9/19/2005
Benzo[a]anthracene	BQL	10.0	1	9/19/2005
Benzo[a]pyrene	BQL	10.0	1	9/19/2005
Benzo[b]fluoranthene	BQL	10.0	1	9/19/2005
Benzo[g,h,i]perylene	BQL	10.0	1	9/19/2005
Benzo[k]fluoranthene	BQL	10.0	1	9/19/2005
Bis(2-chloroethoxy)methane	BQL	10.0	1	9/19/2005
Bis(2-chloroethyl)ether	BQL	10.0	1	9/19/2005
Bis(2-chloroisopropyl)ether	BQL	10.0	1	9/19/2005
Bis(2-ethylhexyl)phthalate	BQL	10.0	1	9/19/2005
4-bromophenyl phenyl ether	BQL	10.0	1	9/19/2005
Butylbenzylphthalate	BQL	10.0	1	9/19/2005
2-Chloronaphthalene	BQL	10.0	1	9/19/2005
2-Chlorophenol	BQL	10.0	1	9/19/2005
4-Chloro-3-methylphenol	BQL	10.0	1	9/19/2005
4-Chlorophenyl phenyl ether	BQL	10.0	1	9/19/2005
Chrysene	BQL	10.0	1	9/19/2005
Dibenzo[a,h]anthracene	BQL	10.0	1	9/19/2005
Di-n-Butylphthalate	BQL	10.0	1	9/19/2005
1,2-Dichlorobenzene	BQL	10.0	1	9/19/2005
1,3-Dichlorobenzene	BQL	10.0	1	9/19/2005
1,4-Dichlorobenzene	BQL	10.0	1	9/19/2005
3,3'-Dichlorobenzidine	BQL	20.0	1	9/19/2005
2,4-Dichlorophenol	BQL	10.0	1	9/19/2005
Diethylphthalate	BQL	10.0	1	9/19/2005
Dimethylphthalate	BQL	10.0	1	9/19/2005
2,4-Dimethylphenol	BQL	10.0	1	9/19/2005
Di-n-octylphthalate	BQL	10.0	1	9/19/2005
4,6-Dinitro-2-methylphenol	BQL	50.0	1	9/19/2005
2,4-Dinitrophenol	BQL	50.0	1	9/19/2005
2,4-Dinitrotoluene	BQL	10.0	1	9/19/2005
2,6-Dinitrotoluene	BQL	10.0	1	9/19/2005
Diphenylamine *	BQL	10.0	1	9/19/2005
Fluoranthene	BQL	10.0	1	9/19/2005
Fluorene	BQL	10.0	1	9/19/2005
Hexachlorobenzene	BQL	10.0	1	9/19/2005
Hexachlorobutadiene	BQL	10.0	1	9/19/2005
Hexachlorocyclopentadiene	BQL	20.0	1	9/19/2005
Hexachloroethane	BQL	10.0	1	9/19/2005
Indeno(1,2,3-c,d)pyrene	BQL	10.0	1	9/19/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 6210D

Client Sample ID: P8-TW1
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-554-1A
Lab Project ID: G106-554

Analyzed By: JTF
Date Collected: 9/12/05 11:30
Date Received: 9/13/05
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Styrene	BQL	0.500	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	0.500	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	0.500	1	9/13/05
Tetrachloroethene	BQL	0.500	1	9/13/05
Toluene	BQL	0.500	1	9/13/05
1,2,3-Trichlorobenzene	BQL	0.500	1	9/13/05
1,2,4-Trichlorobenzene	BQL	0.500	1	9/13/05
Trichloroethene	BQL	0.500	1	9/13/05
1,1,1-Trichloroethane	BQL	0.500	1	9/13/05
1,1,2-Trichloroethane	BQL	0.500	1	9/13/05
Trichlorofluoromethane	BQL	0.500	1	9/13/05
1,2,3-Trichloropropane	BQL	0.500	1	9/13/05
1,2,4-Trimethylbenzene	BQL	0.500	1	9/13/05
1,3,5-Trimethylbenzene	BQL	0.500	1	9/13/05
Vinyl chloride	BQL	0.500	1	9/13/05
m-,p-Xylene	BQL	1.00	1	9/13/05
o-Xylene	BQL	0.500	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.96	100
1,2-Dichloroethane-d4	10	10.8	108
Toluene-d8	10	9.96	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: mc

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP#: U-28226A WBS: 34671.1.1

COC# 50711

Page 1 of 1

Client: EI
Project ID: Page 8
Date: 9/9/05
Report To: Darren R. Lockhart
Address: 210 Gateway Center
Contact: Darren Lockhart
Turnaround: 5-Day (standard)
Address: Suite 201, Morrisville NC 27560
Phone: 919.544.7500
Job Number: per M. B. ENM0013615.00
Quote #:
email: dlockhart@eal.com
Fax:
P.O. Number:
Invoice To: NCDOT (TIP#: U-28226A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses: VOCs 8260	Analyses: SVOCs 8270								Comments: Please specify any special reporting requirements
P8GP23-12	9/9/05	940	S					X	X								
P8GP24-12	"	1000	S														G106-550
P8GP25-12	"	1015	S														
P8GP26-11	"	1100	S														
P8GP27-20	"	1130	S														
P8GP28-15	"	1415	S														
P8GP29-15	"	1430	S														
P8GP30-15	"	1435	S														
P8GP31-15	"	1445	S														
P8GP32-15	"	1459	S														

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Darren R. Lockhart	9/9/05	1800	[illegible]	9/10/05	1020	4.4°C	NC ____ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. Certification #481 S.C. Certification #99029

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-556

Client Project: Parcel 8-Waste Mgmt. Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

10/5/05

Laboratory Director — Date
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID:	P8HA33-1	Analyzed By:	PSW
Client Project ID:	Parcel 8-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 09:00
Lab Sample ID:	G106-556-1	Date Received:	9/30/2005
Lab Project ID:	G106-556	Matrix:	SOIL
Batch ID:	3758 3763	Solids	90.55
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	5.50	0.952	1	MG/KG	6010B	10/5/2005
Barium	36.3	9.52	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	0.952	1	MG/KG	6010B	10/5/2005
Chromium	12.5	0.952	1	MG/KG	6010B	10/5/2005
Lead	35.8	0.952	1	MG/KG	6010B	10/5/2005
Mercury	0.0398	0.0212	1	MG/KG	7471	10/4/2005
Selenium	BQL	1.90	1	MG/KG	6010B	10/5/2005
Silver	BQL	0.952	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By:
MET_LIMS_3.3

Results for Metals

Client Sample ID:	P8HA34-1.5	Analyzed By:	PSW
Client Project ID:	Parcel 8-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 10:20
Lab Sample ID:	G106-556-2	Date Received:	9/30/2005
Lab Project ID:	G106-556	Matrix:	SOIL
Batch ID:	3758 3763	Solids	82.66
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	3.85	1.21	1	MG/KG	6010B	10/5/2005
Barium	15.3	12.1	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.21	1	MG/KG	6010B	10/5/2005
Chromium	12.7	1.21	1	MG/KG	6010B	10/5/2005
Lead	25.5	1.21	1	MG/KG	6010B	10/5/2005
Mercury	0.0410	0.0218	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.42	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.21	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID:	P8HA35-1.5	Analyzed By:	PSW
Client Project ID:	Parcel 8-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 10:35
Lab Sample ID:	G106-556-3	Date Received:	9/30/2005
Lab Project ID:	G106-556	Matrix:	SOIL
Batch ID:	3758 3763	Solids	83.85
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	4.88	1.19	1	MG/KG	6010B	10/5/2005
Barium	BQL	11.9	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.19	1	MG/KG	6010B	10/5/2005
Chromium	13.6	1.19	1	MG/KG	6010B	10/5/2005
Lead	22.5	1.19	1	MG/KG	6010B	10/5/2005
Mercury	0.0589	0.0217	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.39	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.19	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: MET_LIMS_3.3

Results for Metals

Client Sample ID:	P8HA36-1.5	Analyzed By:	PSW
Client Project ID:	Parcel 8-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 10:55
Lab Sample ID:	G106-556-4	Date Received:	9/30/2005
Lab Project ID:	G106-556	Matrix:	SOIL
Batch ID:	3758 3763	Solids	82.01
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	6.55	1.20	1	MG/KG	6010B	10/5/2005
Barium	21.6	12.0	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.20	1	MG/KG	6010B	10/5/2005
Chromium	20.9	1.20	1	MG/KG	6010B	10/5/2005
Lead	66.5	1.20	1	MG/KG	6010B	10/5/2005
Mercury	0.142	0.0226	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.39	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.20	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By:
MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID:	P8HA37-1.5	Analyzed By:	PSW
Client Project ID:	Parcel 8-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 11:15
Lab Sample ID:	G106-556-5	Date Received:	9/30/2005
Lab Project ID:	G106-556	Matrix:	SOIL
Batch ID:	3758 3763	Solids	90.15
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	5.71	1.07	1	MG/KG	6010B	10/5/2005
Barium	33.9	10.7	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.07	1	MG/KG	6010B	10/5/2005
Chromium	16.1	1.07	1	MG/KG	6010B	10/5/2005
Lead	28.2	1.07	1	MG/KG	6010B	10/5/2005
Mercury	0.144	0.0218	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.13	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.07	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By:
MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID:	P8HA38-1.5	Analyzed By:	PSW
Client Project ID:	Parcel 8-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 11:30
Lab Sample ID:	G106-556-6	Date Received:	9/30/2005
Lab Project ID:	G106-556	Matrix:	SOIL
Batch ID:	3758 3763	Solids	84.99
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	5.43	1.09	1	MG/KG	6010B	10/5/2005
Barium	21.4	10.9	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.09	1	MG/KG	6010B	10/5/2005
Chromium	17.2	1.09	1	MG/KG	6010B	10/5/2005
Lead	25.7	1.09	1	MG/KG	6010B	10/5/2005
Mercury	0.0736	0.0216	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.18	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.09	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID:	P8HA39-1.5	Analyzed By:	PSW
Client Project ID:	Parcel 8-Waste Mgmt. Tip#U-2826A	Date Collected:	9/29/2005 13:20
Lab Sample ID:	G106-556-7	Date Received:	9/30/2005
Lab Project ID:	G106-556	Matrix:	SOIL
Batch ID:	3758 3763	Solids	81.12
Report Basis:	Dry		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	9.43	1.06	1	MG/KG	6010B	10/5/2005
Barium	22.9	10.6	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.06	1	MG/KG	6010B	10/5/2005
Chromium	23.3	1.06	1	MG/KG	6010B	10/5/2005
Lead	31.0	1.06	1	MG/KG	6010B	10/5/2005
Mercury	0.0835	0.0230	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.13	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.06	1	MG/KG	6010B	10/5/2005

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > RL

Reviewed By: MET_LIMS_3.3

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.092205.2

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP # U-2826A WBS: 34871.1.1

COC# 42167

Page 1 of 1

10 of 10

Client: EI, INC
Address: 201 GATEWAY CENTRE BLVD
Address: STE. 200 MORRISVILLE, NC
Quote #: 27760

Project ID: PARCEL 8 - WASTE MGMT.
Contact: DARREN LOCKHART
Phone: 919 657-7500 273
Fax: dlockhart@ei1.com

Date: 9.29.05
Turnaround: 5-DAY
Job Number: SNMDR5V015.00
P.O. Number:

Report To: DARREN R. LOCKHART
Invoice To: NCDOT (TIP # U-2826A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses: 8260 Metals										Comments: Please specify any special reporting requirements
HA PB GP33-1	9/29/05	0900	S					✓										G106-556
HA PB GP34-1.5	9/29/05	1020	S					✓										
HA PB GP35-1.5	"	1035	S					✓										
HA PB GP36-1.5	"	1055	S					✓										
PB HA37-1.5	"	1115	S					✓										
PB HA38-1.5	"	1130	S					✓										
PB HA39-1.5	"	1320	S					✓										

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Darren R. Lockhart	9/30/05	1800	[illegible]	9/30/05	1010	5.2°C	NC ____ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

N.C. CERTIFICATION #481

APPENDIX D

LABORATORY ANALYTICAL REPORT - GROUNDWATER

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-554

Client Project: Parcel 8 Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

Laboratory Director ..... 9/15/05 Date
J. Patrick Weaver

Results for Volatiles
by GCMS 6210D

Client Sample ID: P8-TW1
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-554-1A
Lab Project ID: G106-554

Analyzed By: JTF
Date Collected: 9/12/05 11:30
Date Received: 9/13/05
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Benzene	BQL	0.500	1	9/13/05
Bromobenzene	BQL	0.500	1	9/13/05
Bromochloromethane	BQL	0.500	1	9/13/05
Bromodichloromethane	BQL	0.500	1	9/13/05
Bromoform	BQL	0.500	1	9/13/05
Bromomethane	BQL	0.500	1	9/13/05
n-Butylbenzene	BQL	0.500	1	9/13/05
sec-Butylbenzene	BQL	0.500	1	9/13/05
tert-Butylbenzene	BQL	0.500	1	9/13/05
Carbon tetrachloride	BQL	0.500	1	9/13/05
Chlorobenzene	BQL	0.500	1	9/13/05
Chloroethane	BQL	0.500	1	9/13/05
Chloroform	BQL	0.500	1	9/13/05
Chloromethane	BQL	0.500	1	9/13/05
2-Chlorotoluene	BQL	0.500	1	9/13/05
4-Chlorotoluene	BQL	0.500	1	9/13/05
Dibromochloromethane	BQL	0.500	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	5.00	1	9/13/05
Dibromomethane	BQL	0.500	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	0.500	1	9/13/05
1,2-Dichlorobenzene	BQL	0.500	1	9/13/05
1,3-Dichlorobenzene	BQL	0.500	1	9/13/05
1,4-Dichlorobenzene	BQL	0.500	1	9/13/05
1,1-Dichloroethane	BQL	0.500	1	9/13/05
1,1-Dichloroethene	BQL	0.500	1	9/13/05
1,2-Dichloroethane	BQL	0.500	1	9/13/05
cis-1,2-Dichloroethene	BQL	0.500	1	9/13/05
trans-1,2-dichloroethene	BQL	0.500	1	9/13/05
1,2-Dichloropropane	BQL	0.500	1	9/13/05
1,3-Dichloropropane	BQL	0.500	1	9/13/05
2,2-Dichloropropane	BQL	0.500	1	9/13/05
1,1-Dichloropropene	BQL	0.500	1	9/13/05
Dichlorodifluoromethane	BQL	5.00	1	9/13/05
Diisopropyl ether (DIPE)	BQL	0.500	1	9/13/05
Ethylbenzene	BQL	0.500	1	9/13/05
Hexachlorobutadiene	BQL	0.500	1	9/13/05
Isopropylbenzene	BQL	0.500	1	9/13/05
4-Isopropyltoluene	BQL	0.500	1	9/13/05
Methylene chloride	BQL	5.00	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	0.500	1	9/13/05
Naphthalene	BQL	0.500	1	9/13/05
n-Propyl benzene	BQL	0.500	1	9/13/05

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-531

entered

Client Project: Parcel 11-DOT Forsyth Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.

8-30-05

Laboratory Director Date
J. Patrick Weaver

CASE NARRATIVE

Date: August 30, 2005

Environmental Investigations Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Paradigm Analytical ID: G106-531

Nine soil samples were received at the laboratory August 10 for analysis as indicated on the chain of custody. The samples were received in good condition, within temperature and holding time limits.

All analyses were completed within holding time and without quality control exception. Data summary reports are enclosed.

One sample, P11GP8-9, has two results for acetone reported. One shows acetone in an undiluted analysis at 471 ug/kg. This concentration is approximately two times higher than the closest calibration standard. For theis reason, the data is E flag qualified as an estimated concentration.

A dilution from the methanol preserved aliquot of the sample was analyzed to place acetone within linear calibration range. However, acetone was not detected in the 40:1 medium soil dilution.

Acetone was not detected in any batch blank and the P11GP8-9 result cannit be traced to possible laboratory contamination.

The non-detect in the methanol aliquot may be due to non-homogeneity of the soil sample.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP3-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-3C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 12:45
Date Received: 8/10/2005
Matrix: Soil
%Solids: 86.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	52.2	1	8/15/2005
Benzene	BQL	5.22	1	8/15/2005
Bromobenzene	BQL	5.22	1	8/15/2005
Bromochloromethane	BQL	5.22	1	8/15/2005
Bromodichloromethane	BQL	5.22	1	8/15/2005
Bromoform	BQL	5.22	1	8/15/2005
Bromomethane	BQL	5.22	1	8/15/2005
2-Butanone	BQL	26.1	1	8/15/2005
n-Butylbenzene	BQL	5.22	1	8/15/2005
sec-Butylbenzene	BQL	5.22	1	8/15/2005
tert-Butylbenzene	BQL	5.22	1	8/15/2005
Carbon disulfide	BQL	5.22	1	8/15/2005
Carbon tetrachloride	BQL	5.22	1	8/15/2005
Chlorobenzene	BQL	5.22	1	8/15/2005
Chloroethane	BQL	5.22	1	8/15/2005
Chloroform	BQL	5.22	1	8/15/2005
Chloromethane	BQL	5.22	1	8/15/2005
2-Chlorotoluene	BQL	5.22	1	8/15/2005
4-Chlorotoluene	BQL	5.22	1	8/15/2005
Dibromochloromethane	BQL	5.22	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	5.22	1	8/15/2005
Dibromomethane	BQL	5.22	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	5.22	1	8/15/2005
1,2-Dichlorobenzene	BQL	5.22	1	8/15/2005
1,3-Dichlorobenzene	BQL	5.22	1	8/15/2005
1,4-Dichlorobenzene	BQL	5.22	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	5.22	1	8/15/2005
1,1-Dichloroethane	BQL	5.22	1	8/15/2005
1,1-Dichloroethene	BQL	5.22	1	8/15/2005
1,2-Dichloroethane	BQL	5.22	1	8/15/2005
cis-1,2-Dichloroethene	BQL	5.22	1	8/15/2005
trans-1,2-dichloroethene	BQL	5.22	1	8/15/2005
1,2-Dichloropropane	BQL	5.22	1	8/15/2005
1,3-Dichloropropane	BQL	5.22	1	8/15/2005
2,2-Dichloropropane	BQL	5.22	1	8/15/2005
1,1-Dichloropropene	BQL	5.22	1	8/15/2005
cis-1,3-Dichloropropene	BQL	5.22	1	8/15/2005
trans-1,3-Dichloropropene	BQL	5.22	1	8/15/2005
Dichlorodifluoromethane	BQL	5.22	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	5.22	1	8/15/2005
Ethylbenzene	BQL	5.22	1	8/15/2005
Hexachlorobutadiene	BQL	5.22	1	8/15/2005
2-Hexanone	BQL	5.22	1	8/15/2005
Iodomethane	BQL	5.22	1	8/15/2005

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP3-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-3C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 12:45
Date Received: 8/10/2005
Matrix: Soil
%Solids: 86.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.22	1	8/15/2005
4-Isopropyltoluene	BQL	5.22	1	8/15/2005
Methylene chloride	BQL	20.9	1	8/15/2005
4-Methyl-2-pentanone	BQL	5.22	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.22	1	8/15/2005
Naphthalene	BQL	5.22	1	8/15/2005
n-Propyl benzene	BQL	5.22	1	8/15/2005
Styrene	BQL	5.22	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	5.22	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	5.22	1	8/15/2005
Tetrachloroethene	BQL	5.22	1	8/15/2005
Toluene	BQL	5.22	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	5.22	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	5.22	1	8/15/2005
Trichloroethene	BQL	5.22	1	8/15/2005
1,1,1-Trichloroethane	BQL	5.22	1	8/15/2005
1,1,2-Trichloroethane	BQL	5.22	1	8/15/2005
Trichlorofluoromethane	BQL	5.22	1	8/15/2005
1,2,3-Trichloropropane	BQL	5.22	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	5.22	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	5.22	1	8/15/2005
Vinyl chloride	BQL	5.22	1	8/15/2005
m-,p-Xylene	BQL	10.4	1	8/15/2005
o-Xylene	BQL	5.22	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	54.7	109
1,2-Dichloroethane-d4	50	67	134
Toluene-d8	50	51.7	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Michael F. Easley, Governor

William G. Ross Jr., Secretary
North Carolina Department of Environment and Natural Resources

Alan W. Klimek, P.E. Director
Division of Water Quality

January 18, 2006

Mr. William Perry
Environmental Director
Atlantic Scrap and Processing, LLC
P.O. Box 608
Kernersville, NC 27285

SUBJECT: Soil and Groundwater Assessment Report-Atlantic Scrap and Processing, LLC: 3415 Glenn Avenue, Winston-Salem, Forsyth County, Groundwater Incident No. 87424, Ranking E/10

Dear Mr. Perry:

On November 3, 2005 our office received the above referenced report. We have reviewed the report and concur with the findings. Consequently, the Notice of Violation as issued on August 2, 2005 is hereby rescinded with the file for the subject site being closed and no further action deemed necessary by Atlantic Scrap and Processing, LLC.

The report does indicate, however, that metals and nutrient compounds have significantly impacted the Atlantic Scrap property from an upgradient source. The Royster-Clark facility, located to the west of the subject site, is considered to be the responsible party for this impact and will be required by our office to conduct additional site assessment on the Atlantic Scrap property. Additionally, Royster-Clark will be required to develop and implement a corrective action plan that addresses the groundwater and surface water contamination as well.

Should you have additional questions or concerns regarding the subject incident, please do not hesitate to contact Collin Day at the letterhead address and phone number.

Sincerely yours,

Sherri Knight

Sherri Knight
Regional Supervisor

cc: ~~Bob Whitwam~~, Forsyth County Public Health Department
Mike Brenner, Atlantic Scrap and Processing, LLC
P.O. Box 1313
Winston-Salem, NC 27102
J. Billy Pirkle, Royster-Clark, Inc.
P.O. Box 1986
Collinsville, IL 62234
Stephen Earp, Smith Moore LLP
300 North Greene Street
Suite 1400
Greensboro, NC 27401
Rose Pruitt, DWQ Surface Water Protection Section
WSRO Files

Subject: VCC - Winston/Salem, NC
From: Zeller.Craig@epamail.epa.gov
Date: Tue, 07 Feb 2006 09:46:09 -0500
To: David.Mattison@ncmail.net, Bruce.R.Frink@exxonmobil.com, Jack.A.Rickner@exxonmobil.com, ggg@bbl-inc.com, Mallary.Ken@epamail.epa.gov
CC: Beswick.Kevin@epamail.epa.gov

VCC Team -

I talked with Dave Mattison this morning who is our primary contact and VCC project manager in North Carolina. Other programs in NC are getting anxious/impatient and want to know what XOMs position is with regard to the VCC facility near Bowen Branch. We last spoke about this facility on a conference call 08/29/05. Mattison is forwarding me some more background information that I will pass along to XOM/BBL.

Can ya'll please let us know where we're at on this facility. Apparently DOT road building, an active Royster Clark plant and possible EJ issues are driving sensitivities within NCDENR.

I realize the VCC plate overfloweth, but we must try to keep these balls in the air....

Thanks,

Craig Z.

Subject: Re: Bowen Branch
From: Collin Day <Collin.Day@ncmail.net>
Date: Wed, 01 Feb 2006 11:45:12 -0500
To: David Mattison <David.Mattison@ncmail.net>

David:

Ok, I have the Atlantic Scrap report in electronic format and am attaching with this message along with the following as two items as well:
1. Analytical lab report for magenta colored soil analysis for metals. (electronic format by e-mail attachment)
2. Soil pH measurments that I collected from split samples with EI during their investigation. (excel spreadsheet format)

I will also be putting togeter a table of monitoring well data that we have collected so that you can see some comparisons in groundwater quality as we move from the VCC/Carolina Ore area northward onto the active Atlantic Scrapyared area where Royster Clark has impacted the groundwater with various inorganics. This table will include the spring discharge with the elevated lead in it. Additonally, we do have one more monitoring well on the VCC premises that we did not sample for metals due to low recharge. I think that it would be prudent sample it, so I will make plans to do this within the next week. Additionally, I need to GPS some of these locations to put on another map so you can see exactly where they plot in relation to one another.

I look forward to your coming over to see the site as soon as you can. Thank you for your efforts on this important project

Collin Day
NC DENR Winston-Salem Regional Office
Division of Water Quality, Ground Water Section
585 Waughtown Street
Winston-Salem, NC 27107
Voice: (336) 771-4608 ext 345
FAX: (336) 771-4632

On 2/1/2006 11:25 AM, David Mattison wrote:

> Collin,
>
> I got your voicemail of this a.m. I did not receive the additional Atlantic Scrap Report, only the two EI reports for DOT (1 for parcel 8 & 11 and 1 for parcel 9). If you would supply one copy of this additional material for my usage, and include three copies for EPA/Exxon Mobil usage, that would be great.
>
> Thanks,
> Dave

Collin Day <Collin.Day@NCmail.net>
NC DENR
WSRO

Atlantic Scrap August July and August 2005 GW Assessment Final Report - 26oct05.pdf	**Content-Type:** application/pdf **Content-Encoding:** base64

Soil pH and Sample Results for Initial Geoprobe Work August 2005.xls	**Content-Type:** application/vnd.ms-excel **Content-Encoding:** base64

Soil Sample SS-1.pdf	**Content-Type:** application/pdf **Content-Encoding:** base64

Soil Sample pH and Metal Results for Soil Samples Collected at Former Virginia Carolina Chemical Plant-Winston Salem, NC

Sample ID	Depth (ft)	pH
SB-1-1	1	4.13
SB-1-9	9	4.29
SB-1-15	15	4.38
PZ-9-24	24	3.88
GP-3-6.5	6.5	3.63
GP-5-9	9	3.9
GP-7-2	2	3.85
GP-6-1.5	1.5	3.9
GP-8-10	10	4.09
GP10-8	8	4.08
GP-4-2	2	3.31
GP-3-2.5	2.5	3.5

Subject: [Fwd: Re: Bowen Branch]]]
From: Linda Culpepper <linda.culpepper@ncmail.net>
Date: Fri, 13 Jan 2006 16:28:11 -0500
To: collin day <collin.day@ncmail.net>, "DAVID.MATTISON@ncmail.net" <DAVID.MATTISON@ncmail.net>

Great, Collin. Thanks.

David - look for data next week.

Have good weekend.
linda

-------- Original Message --------
Subject: Re: Bowen Branch]]
Date: Fri, 13 Jan 2006 16:02:18 -0500
From: Collin Day <Collin.Day@ncmail.net>
Reply-To: Collin.Day@NCmail.net
Organization:NC DENR - Winston-Salem Regional Office
To: Linda Culpepper <linda.culpepper@ncmail.net>
References:<43C80D4C.8090509@ncmail.net>

Hello Linda:

We had been waiting to see if NCDOT could get us electronic copies of the reports, but they have been unable to do so. As a result, our secretary has now made copies of the report so I am now ready to send these over to you by courier. We will do so first thing Tuesday morning so that we can discuss the site with you and David next week..

I am attaching a powerpoint slide that shows to excellent effect the lead contamination contours from the recent soil assessment along with a side by side 1960 aerial photo of the same area within the former VCC plant. You will notice that the highest area of lead contamination occurs in the same area where the dead vegetation exists on the 1960 aerial. We have also observed the magenta colored soil in the same area, so everything appears to fit together at this point.

Collin Day
NC DENR Winston-Salem Regional Office
Division of Water Quality, Ground Water Section
585 Waughtown Street
Winston-Salem, NC 27107
Voice: (336) 771-4608 ext 345
FAX: (336) 771-4632

On 1/13/2006 3:27 PM, Linda Culpepper wrote:

> Hi Collin,
>
> Just following up on the data. David indicated he does not have the reports. Let me know what we need to do so he can look at it, and go ahead and schedule at time to discuss strategies once he has a chance to go through it.
>
> thanks.
> linda
>
> -------- Original Message --------
> **Subject:**Re: Bowen Branch
> **Date:**Mon, 12 Dec 2005 11:10:45 -0500
> **From:**Linda Culpepper <linda.culpepper@ncmail.net>
> **Organization:**NC Division of Waste Management
> **To:**Collin.Day@NCmail.net
> **CC:**DAVID MATTISON <DAVID.MATTISON@ncmail.net>
> **References:**<439D93EA.8020700@ncmail.net> <439D9D4A.2050408@ncmail.net>
>
> Thanks, Collin. I don't think you need to do a memo. Just send electronic copies to David, and copy me. How about after he has a chance to quickly look at the data, we can set up time to talk?
>
> linda
>
> Collin Day wrote:

Linda:

We have I believe, everything now in hard copy that was outstanding. The DOT soil investigation reports for the VCC/Carolina Ore and adjacent properties have been submitted by hard copy. There are seven reports involved in this investigation so there is quite a bit of paperwork. I have requested that DOT provide us with electronic copies since it appears that it would be much easier to send out to everyone in such a format. The project manager has agreed to do this and indicated that he had already requested copies from his consultant. Other than this issue, there is nothing else remaining so we can proceed whenever your office would like to get everyone together.
I can call David Mattison and inform him of this if I need to do so. Please advise if you need any kind of memo or anything from our Section.
Sherri and I were wondering how you wanted to proceed with this.

Collin Day
NC DENR Winston-Salem Regional Office
Division of Water Quality, Ground Water Section
585 Waughtown Street
Winston-Salem, NC 27107
Voice: (336) 771-4608 ext 345
FAX: (336) 771-4632

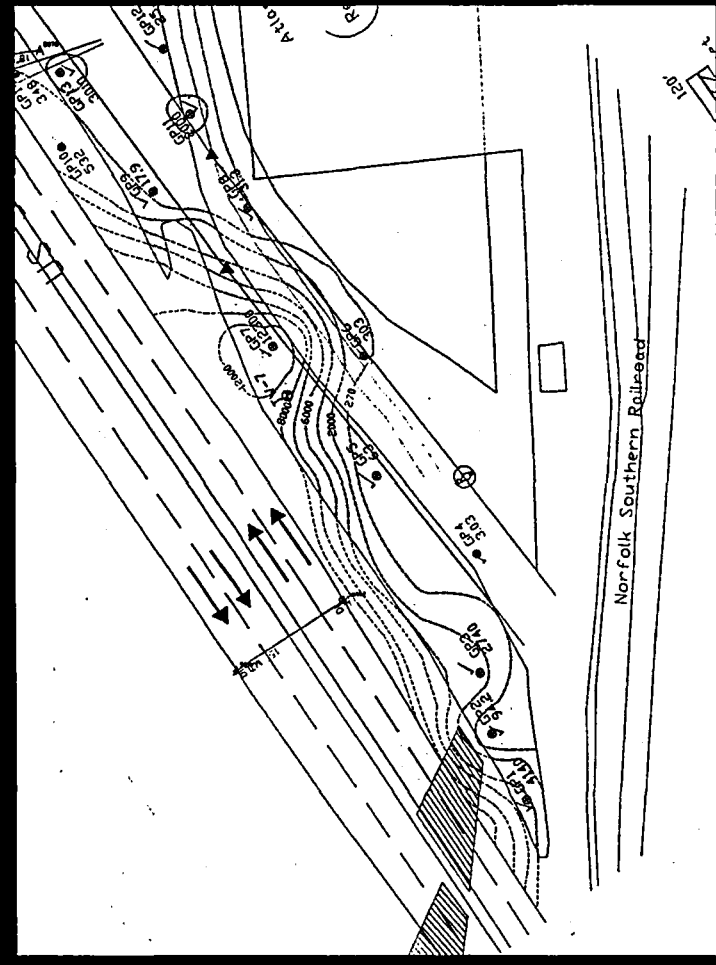
On 12/12/2005 10:14 AM, Linda Culpepper wrote:

Good morning Collin,

Rick Shiver gave a Bowen Branch update at the Dec. PPA meeting and indicated some of the investigation data has come back, but perhaps not everything. Sounds like we will get together when all the data is in to look at further joint strategies.

Please keep in touch with David Mattison on what data is available - he is our point of contact to get the info. to EPA R4, in case we need to negotiate with Exxon-Mobil on raising the priority of this site among others in their regional agreement.
Thanks. Let me know if there are any outstanding action items for our Division.
linda

Collin Day <Collin.Day@NCmail.net>
NC DENR
WSRO

Powerpoint Slide Showing Aerial Photograph and Lead Contamination2.ppt	**Content-Type:** application/vnd.ms-powerpoint **Content-Encoding:** base64

1963 Aerial Photograph & 2005 Soil Sampling Results for Lead