North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue, Governor
Dee Freeman, Secretary

Division of Waste Management
Underground Storage Tank Section

Dexter R. Matthews, Director

TO: Charlotte Jesneck

FROM: Scott Bullock JSB

COPY: Bob Davies

DATE: November 15, 2011

RE: Referral of Solvent Groundwater Contamination
Goldsboro Milling Company Mill #1
938 Millers Chapel Rd., Goldsboro, NC
Wayne County
UST Incident Number: 38159
Risk Classification: Low
Ranking: 103D

The Washington Regional Office (WaRO) Underground Storage Tank (UST) Section received a Limited Site Investigation Report (Report) that included information for a petroleum release to soil and a release of solvents to groundwater. The UST Section has ranked the petroleum release as Low 103D and we will issue a Notice of Residual Petroleum Contamination for soil and groundwater and once that is completed issue a "No Further Action" letter for only the petroleum release. **Therefore, the UST Section is referring the solvent groundwater contamination to the Inactive Hazardous Waste Branch**. Please find attached a copy of the Report.

If you have any questions or need additional information, please contact me at 252-948-3906.

Bullock, Scott 693

From: McColl Jr., K. Allen [kamccoll@terracon.com]
Sent: Monday, November 14, 2011 12:57 PM
To: Bullock, Scott
Cc: Lane, Bill
Subject: Goldsboro Milling - Mill # 1, UST 61 Form and LSI Report
Attachments: Goldsboro Milling UST 61 Form0001.pdf; 72117082 Goldsboro Milling LSI Report NCDENR Copy.pdf

Hello Scott,

Hope you had a good vacation. Please find attached a copy of the UST 61 Form and a copy of our pertinent information from our LSI Report for a release discovered at Goldsboro Milling's Mill # 1 in Goldsboro, Wayne County, NC.

Goldsboro Milling is attempting to obtain a bank re-finance loan and as you can imagine, this is a rush to the end to find out what you guys are going to require from here to get the incident closed out. If you can look at the attached information soon and make a determination, it would be greatly appreciated.

Petroleum constituents and solvents were analyzed in the groundwater above 2L and GRO/DRO was analyzed above TPH action levels at the pump island. I assume you are going to have to pass the solvent part over to your Inactive Hazardous Waste Branch in order for them to make a decision on what they will require.

We are scheduled to be onsite on Wed of this week in order to install wells in this area to attempt to define the solvent plume. The solvent plume defining is what the bank wanted to see in order to attempt to find out the extent of the solvent contamination and to attempt to get ahead of the game of what IHWB may want. If you see that there is anything we can do on the petroleum side of things during our drilling on Wed to help the petroleum incident move towards closure quicker, please let me know.

Bill Lane (Goldsboro Milling's attorney) asked that you copy him on any correspondences at:

Bill Lane
Kilpatrick Townsend & Stockton LLP
Suite 1400 | 4208 Six Forks Road | Raleigh, NC 27609

or by his email on my cc:.

Please don't hesitate to contact with further questions on this project. We will also mail out copies of these two attachments.

Thanks,

K. Allen McColl, Jr.
Staff Professional / Environmental Services

Terracon
314 Beacon Drive I Winterville, NC 28590
P [252] 353 1600 I F [252] 353 0002 I M [252] 341 5480
kamccoll@terracon.com I terracon.com

Terracon

LIMITED SITE INVESTIGATION

Goldsboro Milling Company – Feed Mill #1
938 Millers Chapel Rd.
Goldsboro, Wayne County, NC

Terracon Project No. 72117082
November 8, 2011

1.0 INTRODUCTION

1.1 Site Description

Site Name	Goldsboro Milling Company – Feed Mill #1
Site Location/Address	938 Millers Chapel Rd., Goldsboro, Wayne County, NC
General Site Description	Mill 1 is improved with grain silos, grain elevators, an office, warehouses, a truck and rail grain dump building, a boiler building, electrical buildings, a grain truck probe building and a disinfectant truck wash area. The site is further improved with asphalt drives.

A topographic map is included as Figure 1 in Appendix A, a site diagram indicating the site features is included as Figure 2 in Appendix A and a sample location map indicating the sample locations is included as Figure 3 in Appendix C.

Site photographs indicating tank and product line locations as determined by our ground penetrating radar subcontractor are included in Appendix B.

Laboratory data sheets and the chain of custody for the soil and groundwater analytical results are included in Appendix C.

1.2 Project Information/Scope of Work

Project Information

Terracon conducted a Phase I Environmental Site Assessment (ESA) for two of Goldsboro Milling Company's Feed Mills (Feed Mill 1 and Feed Mill 2) in August 2011. In our ESA Report dated September 8, 2011, we indicated that due to lack of closure documentation for two former petroleum underground storage tanks (USTs) that were located near the Mill 1 office and reportedly filled in place, the USTs and dispenser island are considered a Recognized Environmental Condition (REC).

Based on this REC, Terracon recommended soil and groundwater sampling in the area of the USTs.

Based on conversations with Goldsboro Milling Company personnel, the USTs are generally located in an area observed during our ESA as a slightly depressed area that is reportedly the former dispenser island for the USTs. Goldsboro Milling Company personnel indicated that they

are not sure of the exact location of the USTs or the orientation of the USTs underground. Due to the uncertanties of the UST locations, Terracon proposed to utilize a ground penetrating radar (GPR) subcontractor in order to identify tank locations.

Scope of Services

Based on our recommendations, our client requested that we perform a Limited Site Investigation (LSI) for the identified RECs.

In order to perform the Limited Site Investigation Services, Terracon performed the following tasks:

Task 1 – Ground penetrating radar services

- Mobilized to the site with a subcontracted ground penetrating radar (GPR) company.
- Utilized a GPR device to attempt to locate the two reported USTs associated with the former pump island.
- Utilized the GPR device to identify the approximate boundaries of the former UST system including the USTs and their product lines.
- Used marking paint to identify pertinent underground features onsite (tanks, possible underground conduits (electrical, water and sewer) and product lines).

Task 2 – Limited Soil and Groundwater Sampling

- Mobilized to the site with a drilling subcontractor to utilize a geoprobe unit to advance borings in select areas once GPR identified UST locations. A total of nine borings were advanced in the areas of the GPR identified UST locations and at the former pump island.
- Screened the soils during the geoprobe operations using a photo ionization detector (PID).
- Obtained four soil samples from the soils that were field screened to have the highest contamination or at the discretion of the onsite Terracon personnel based on site observations. The soil samples were collected from varying depths to just above the saturated zone.
- Obtained four groundwater samples using a peristaltic pump from borings with the highest field screening levels or at the discretion of the onsite Terracon personnel based on site observations.
- Analyzed the soil samples for TPH using EPA Method 5030 for Gasoline Range Organics (GRO) and EPA Method 3550 for Diesel Range Organics (DRO).
- Analyzed the groundwater samples for volatiles using EPA Method 8260 and semi-volatiles using EPA Method 8270.
- Analyzed the samples using a standard turnaround time of 7 days.
- Issued this written report of our findings.

Please note that during our GPR operations, our GPR identified a total of five USTs located within the area of the pump island. Due to the discovery of the three additional tanks, our sample collection points and analysis were modified from the Supplement of Agreement for Services to include additional sampling in the area of the three additional USTs.

1.3 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These LSI services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-97.

1.4 Additional Scope Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.5 Reliance

2.0 FIELD ACTIVITIES

Terracon's field activities for Task 1 and Task 2 were conducted on October 20, 2011 under the supervision of Mr. Allen McColl, Staff Professional of Environmental Services with Terracon. Field activities included supervision of GPR services, advancing nine borings using a geoprobe unit, collecting four soil samples and collecting four groundwater samples from four temporary monitoring wells. These field activities are further discussed below. Please see Figure 3 in Appendix A for our Site Diagram indicating boring locations and pertinent underground features discovered during the GRP services.

Task 1 – Ground penetrating radar services

Ground penetrating radar services were performed by Ground Penetrating Radar Systems (GPRS), Inc. GPRS utilized a 400 MHz antenna that reportedly utilizes a signal that can penetrate up to 12 feet below land surface. GPR services were conducted within an approximately 100 foot radius of the pump island. During GPR services, GPRS marked areas indicating possible abandoned tanks and the apparent product lines. Based on the markings of the underground features, Terracon personnel identified areas across the site to advance borings.

Please note that GPRS was able to locate a total of five potentially abandoned tanks on the north side of former pump island (between the former pump island and the farm warehouse and feed lab). Two of the tanks were located end-to-end. The other three tanks were located side-by-side approximately 10 to 15 feet east of the other two tanks.

Photos of pertinent markings for the apparent underground tanks and product lines are included in Appendix B of this report.

Soil Borings

Drilling services were performed by a State of North Carolina licensed driller using a track-mounted geoprobe unit under the supervision of a Terracon Environmental Professional. Soil samples obtained by the geoprobe unit were collected using four-foot long core barrel samplers. A disposable clear plastic liner in the geoprobe soil sampler was changed between each boring interval and location. Drilling equipment was cleaned prior to beginning the project and before beginning each soil boring.

Soil samples were collected continuously and observed to document soil lithology, color, moisture content and sensory evidence of impairment. The soil samples were field-screened using a MiniRAE 2000 photoionization detector (PID) to indicate the presence of VOCs. Each soil boring was divided into Zip-lock bags at approximately 2 foot intervals prior to PID analysis. Please note that the PID field screenings readings for the soil samples ranged between 0.0 parts per million (ppm) to 1235 ppm.

Based on PID readings or at the discretion of onsite Terracon personnel, Terracon collected soil samples from borings from the following locations and intervals: SB-1 (4'-6') in an area west of the three tank basin (west of Tank 4), SB-5 (4'-6') in an area to the north of the two tank basin (near west side of Tank 2), SB-8 (4'-6') from an area north of the two tank basin (near west side of Tank 1), SB-9 (4'-6') from an area near the approximate center of the former dispenser island.

Groundwater was encountered in each boring at approximately 6 feet below land surface.

Each soil sample was collected using gloved hands. Gloves were changed at each sample collection point. The soil samples for laboratory analysis were then placed in laboratory prepared containers and placed in a cooler with ice.

Please see the attached Tank/Sample Location Map in Appendix A for locations of the GPR discovered tanks and sample locations.

Groundwater Sampling

Four groundwater samples were obtained from select borings across the site. Groundwater samples were obtained from the following locations: GW-1 was collected from SB-1 (west side of the three tank basin and to the west of Tank 4), GW-2 was collected from SB-2 (east side of the tree tank basin and east of Tank 4), GW-3 was collected from SB-3 (south side of the two tank basin and near the southeast side of Tank 2) and GW-4 was collected from SB-9 (center of the former dispenser island).

Groundwater samples were collected using a peristaltic pump and disposable tubing from temporary wells installed by a direct push method using the geoprobe. The temporary groundwater monitoring wells were 1-inch diameter wells installed to a depth of approximately 14 feet below land surface. Each temporary well consisted of a five foot section of 0.010-inch machine slotted PVC well screen with a 2 foot flush joint PVC riser. The temporary wells were backfilled with pre-sieved silica sand pack from the bottom of the boring to approximately 2 feet above the top of the well screen.

Prior to groundwater sample collection, each temporary well was purged until the groundwater was relatively clear.

Groundwater samples were then collected using disposable tubing and a peristaltic pump. Disposable gloves were used and changed at each sample location. Groundwater samples were placed into laboratory prepared jars. The groundwater samples were then placed in laboratory prepared containers and placed in a cooler with ice.

The sample cooler containing both soil and groundwater samples and completed chain-of-custody form was relinquished to Pace Analytical, Inc., an analytical laboratory in Huntersville, NC for standard turnaround.

Following sample collection, each of the borings were properly abandoned using boring cuttings and bentonite pellets from the bottom of the boring to within a foot of the land surface and topped with sand backfill.

Soil cuttings, groundwater and equipment cleaning water generated during the field activities are not required to be containerized by NCDENR. These materials were spread out on-site around the general boring location or used as fill for the borings during their closure.

Please see the attached Tank/Sample Location Map in Appendix A for sample locations.

3.0 LABORATORY ANALYTICAL METHODS

The four soil samples (SB-1, SB-5, SB-8 and SB-9) were analyzed for GRO using EPA Method 5030 and DRO using EPA Method 3550,

Groundwater samples (GW-1, GW-2, GW-3 and GW-4) were analyzed for VOCs using EPA Method 8260 w/ BTEX and SVOCs using EPA Method 8270.

Laboratory results are summarized in the tables included in Section 4.0 of this report. The executed chain-of-custody form and laboratory data sheets are provided in Appendix C.

4.0 DATA EVALUATION

4.1 Soil Samples

The following summarizes the results of our sampling and analysis:

- The soil sample collected from SB-1, SB-5 and SB-8 was analyzed to be Non Detect (ND) and below the laboratory's method detection limit.

- The soil sample collected from SB-9 was analyzed to be 892 mg/kg for DRO and 3,480 mg/kg for GRO. Please note that these levels are above NCDENRs Total Petroleum Hydrocarbon (TPH) Action Levels of 10 mg/kg for UST related releases.

The laboratory results compared to NCENR's applicable reportable limits for TPH Action Levels for soil are summarized Table 1 below.

Table 1 – Soil Sampling Summary (mg/kg)

Sample ID	DRO	GRO
SB-1	ND	ND
SB-5	ND	ND
SB-8	ND	ND
SB-9	**892**	**3,480**
TPH Action Levels for USTs	**10**	**10**

ND = Non Detect (sample not analyzed above laboratory's method detection limit)
Shaded constituents are above the applicable NCDENR reportable limits for soil.
Results are presented in mg/kg (parts per million)

4.2 Groundwater Samples

The four groundwater samples were analyzed to be above NCDENR's Groundwater Quality Standards (GQS) for at least one volatile constituent. GW-4 was analyzed to be above NCDENR's GQS for semi-volatiles also.

Please note, the four groundwater samples collected were analyzed to be above NCDENR's GQS for Tetrachloroethene (PCE) and/or Trichloroethene (TCE). PCE and TCE are solvents that are typically used at dry cleaner sites and/or automotive repair shops as parts cleaning chemicals. The PCE and TCE do not appear to be related to the UST system.

Other constituents were analyzed in GW-3 and GW-4 above laboratory detection limits but below NCDENR's Groundwater Quality Standards.

Groundwater laboratory results compared to NCDENRs Groundwater Quality Standards and NCDENR's Gross Contamination Levels for Groundwater are summarized in Table 2 and 3 below. Please note that no constituents were analyzed to be above NCDENR's Gross Contamination Levels for groundwater.

Table 2 – 8260 Groundwater Sampling Summary

EPA 8260 Sample Results (ug/l)										
Sample ID	Acetone	Benzene	Bromodichloromethane	2-Butanone (MEK)	Chloromethane	1,1-Dichloroetheane	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroehtene	Ethylbeneze	p-Isopropyltoluene
GW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GW-3	ND	ND	ND	ND	ND	ND	**1490**	**16.3**	ND	ND
GW-4	**215**	**9.4**	**1.4**	**87.5**	**3.6**	**1.9**	**863**	**9.2**	**201**	**102**
NC 2L Groundwater Quality Standards (ug/l)	**6000**	**1**	**NE**	**4000**	**3**	**6**	**70**	**100**	**600**	**NE**
Gross Contamination Levels for Groundwater (ug/l)	**6,000,000**	**5000**	**NE**	**4,000,000**	**3000**	**6000**	**70,000**	**100,000**	**84,500**	**NE**

Shaded are above NCDENRs Groundwater Quality Standards. Quantities are reported in ug/l (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Constituents not listed in the table above were analyzed to be ND.

Table 2 (continued) – 8260 Groundwater Sampling Summary

EPA 8260 Sample Results (ug/l)										
Sample ID	Methylene Chloride	Naphthalene	Tetrachloroethene (PCE)	Toluene	Trichloroethene (TCE)	1,2,3-Trichloropropane	Vinyl Acetate	Vinyl Chloride	m&p Xylene	o-xylene
GW-1	ND	ND	**13.4**	ND	ND	ND	ND	ND	ND	ND
GW-2	ND	ND	**3.9**	ND	ND	ND	ND	ND	ND	ND
GW-3	**26.9**	ND	**111**	ND	**203**	ND	ND	**27.1**	ND	ND
GW-4	ND	**173**	**177**	**15.3**	**154**	5.3	**12.5**	**12.7**	**820**	**324**
NC 2L Groundwater Quality Standards (ug/l)	**5**	**6**	**0.7**	**600**	**3**	**NE**	**NE**	**0.03**	**500**	**500**
Gross Contamination Levels for Groundwater (ug/l)	**5000**	**6000**	**700**	**260,000**	**3000**	**NE**	**NE**	**30**	**85,500**	**85,500**

Shaded are above NCDENRs Groundwater Quality Standards. Quantities are reported in ug/l (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Constituents not listed in the table above were analyzed to be ND.

Table 3 – 8270 Groundwater Sampling Summary

EPA 8270 Sample Results (ug/l)					
Sample ID	Anthracene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene
GW-1	ND	ND	ND	ND	ND
GW-2	ND	ND	ND	ND	ND
GW-3	ND	ND	ND	ND	ND
GW-4	ND	ND	174	**374**	**123**
NC 2L Groundwater Quality Standards (ug/l)	**2000**	**300**	**NE**	**30**	**6**
Gross Contamination Levels for Groundwater (ug/l)	**2000**	**300**	**NE**	**12,500**	**6000**

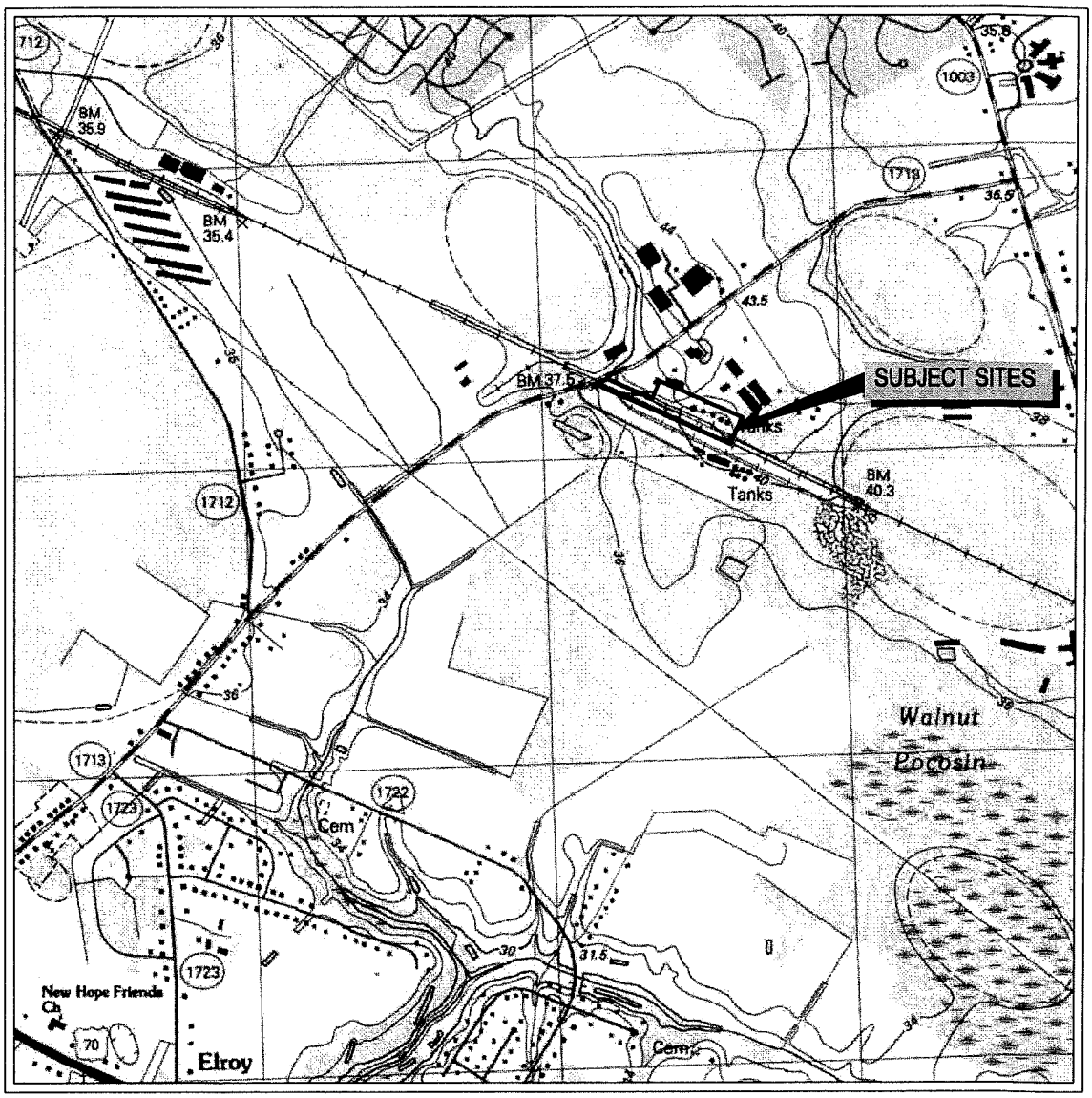
NE = not established (an action level for this constituent has not been established by NCDENR); Shaded are above NCDENRs Groundwater Quality Standards. Quantities are reported in ug/l (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Constituents not listed in the table above were analyzed to be ND.

5.0 FINDINGS AND RECOMMENDATIONS

Based on the analytical results for soil being above NCDENR TPH Action Levels and groundwater being above NCDENR's Groundwater Quality Standards, Terracon recommends that a copy of this report be forwarded to the NCDENR Washington Regional Office for their review.

It is likely that NCDENR will require additional environmental investigations including additional soil and groundwater assessments for the areas where contamination was detected.

UNITED STATES – DEPARTMENT OF THE INTERIOR – GEOLOGICAL SURVEY



SCALE 1:24 000

1 .5 0 KILOMETERS 1 2

1000 0 METERS 1000 2000

1 .5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

FEET

CONTOUR INTERVAL 6 FEET

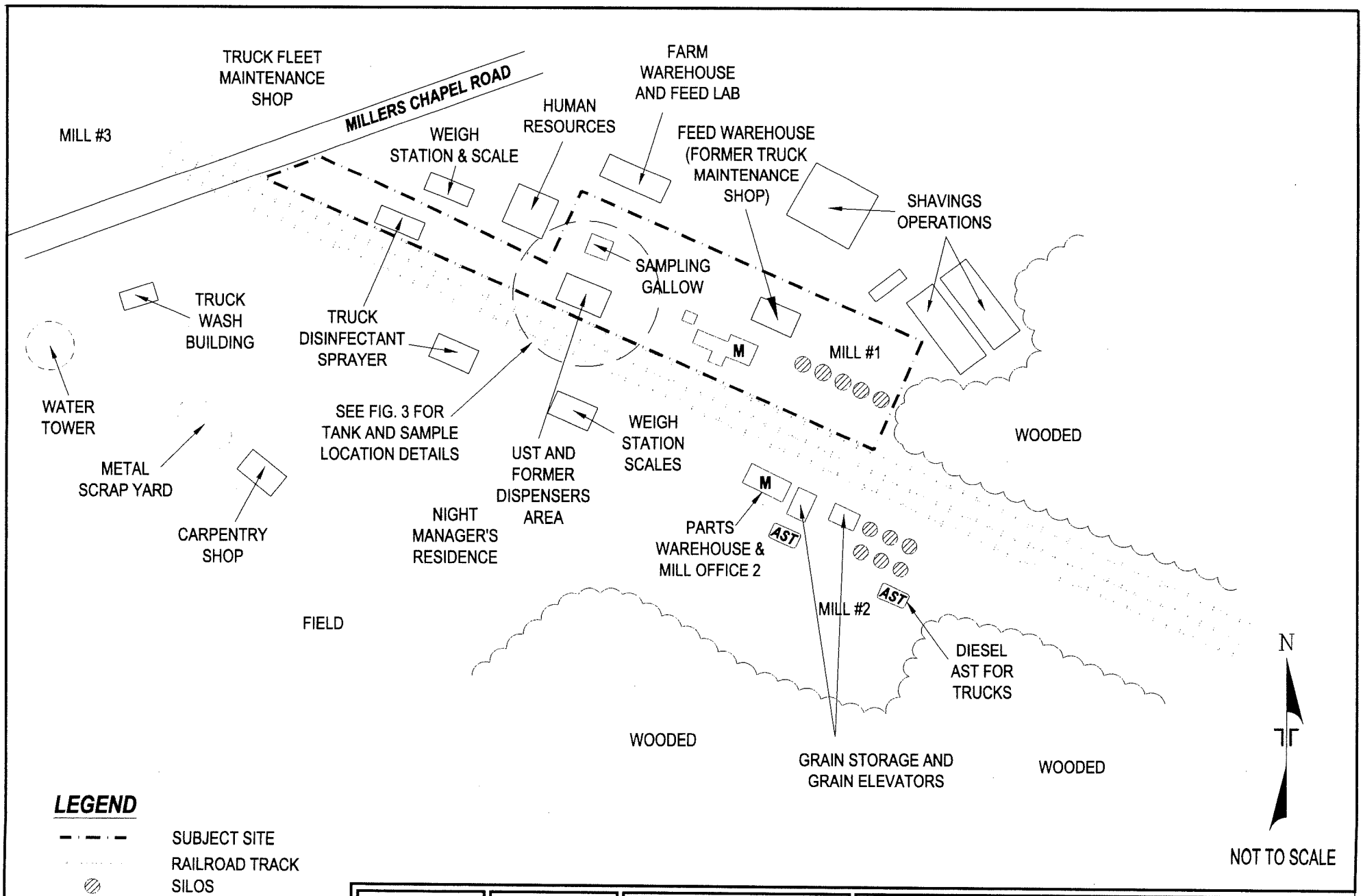
NATIONAL GEODETIC VERTICAL DATUM OF 1929

N

QUADRANGLE
SOUTHEAST GOLDSBORO, NC
1998
7.5 MINUTE SERIES (TOPOGRAPHIC)

Project Mngr: KAM	Project No. 72117082	Terracon Consulting Engineers and Scientists	TOPOGRAPHIC VICINITY MAP
Drawn By: TLY	Scale: AS SHOWN	314 Beacon Drive Winterville, NC 28590	LMITED SITE INVESTIGATION
Checked By: KAM/MRF	File No. LSI72117082-1	(252) 353-1600 (252) 353-0002	GOLDSBORO MILLING FEED MILL #1
Approved By: CB	Date: NOVEMBER 2011		938 MILLERS CHAPEL ROAD
			GOLDSBORO, NC

FIG. No. 1



LEGEND

- SUBJECT SITE
- RAILROAD TRACK
- SILOS
- M — MILL OFFICE
- AST — ABOVEGROUND STORAGE TANKS

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

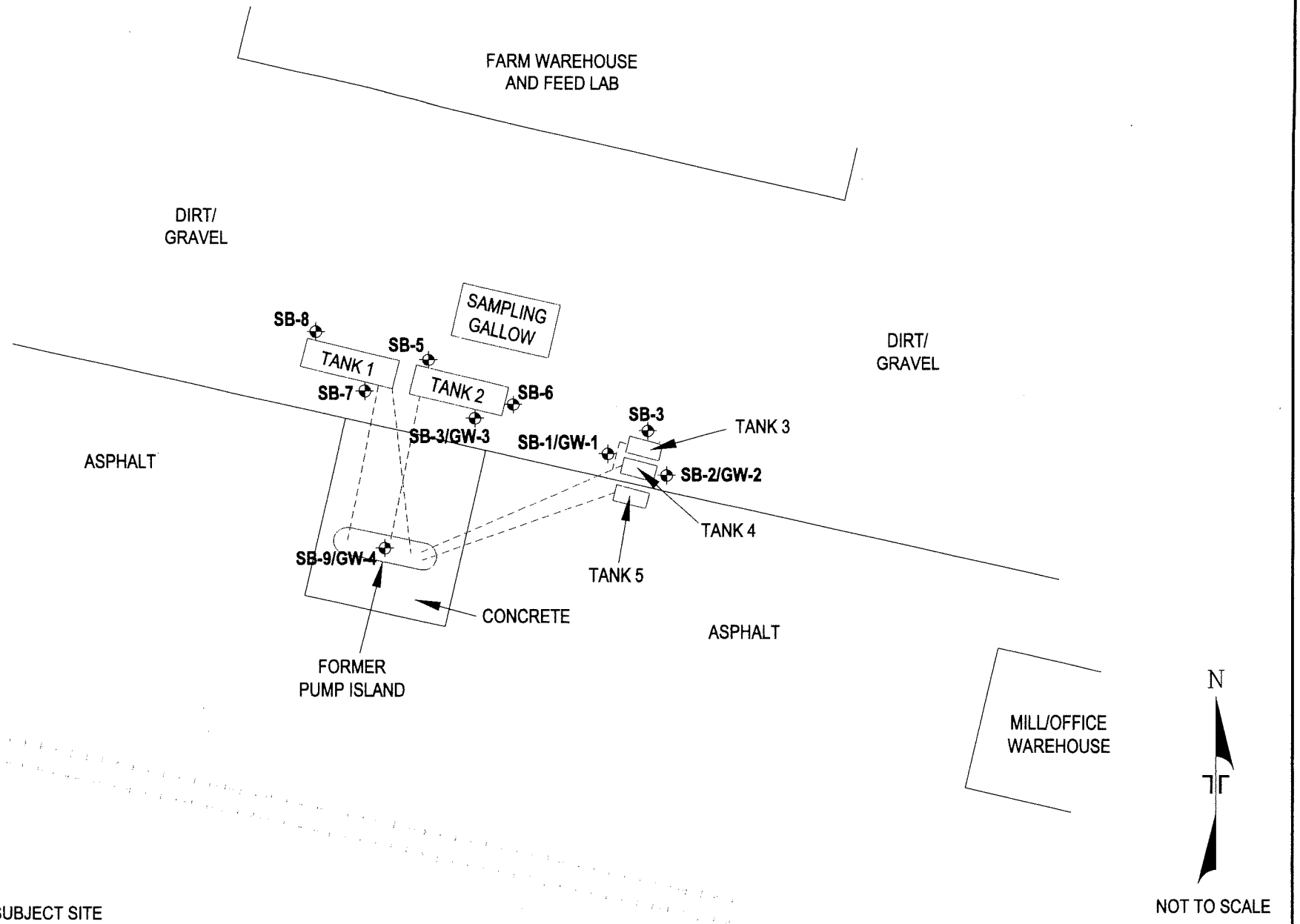
Project Mngr:	KAM
Drawn By:	TLY
Checked By:	KAM/MRF
Approved By:	CB

Project No.	72117082
Scale:	AS SHOWN
File No.	LSI72117082-2
Date:	NOVEMBER 2011

Terracon
Consulting Engineers and Scientists
314 Beacon Drive, Winterville, NC 28590
(252) 353-1600 (252) 353-0002

SITE DIAGRAM
LIMITED SITE INVESTIGATION
GOLDSBORO MILLING FEED MILL
938 MILLERS CHAPEL ROAD
GOLDSBORO, NC

FIG. No. 2



LEGEND

- SUBJECT SITE
- PRODUCT LINES
- RAILROAD TRACK
- TANK/SAMPLE BORING LOCATION

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	KAM
Drawn By:	TLY
Checked By:	KAM/MRF
Approved By:	CB

Project No.	72117082
Scale:	AS SHOWN
File No.	LSI72117082-3
Date:	NOVEMBER 2011

Terracon
Consulting Engineers and Scientists
314 Beacon Drive Winterville, NC 28590
(252) 353-1600 (252) 353-0002

TANK/SAMPLE LOCATION MAP

LIMITED SITE INVESTIGATION
GOLDSBORO MILLING FEED MILL
938 MILLERS CHAPEL ROAD
GOLDSBORO, NC

FIG. No. 3

Appendix B

GPR Indentified Tank and Product Line Photos

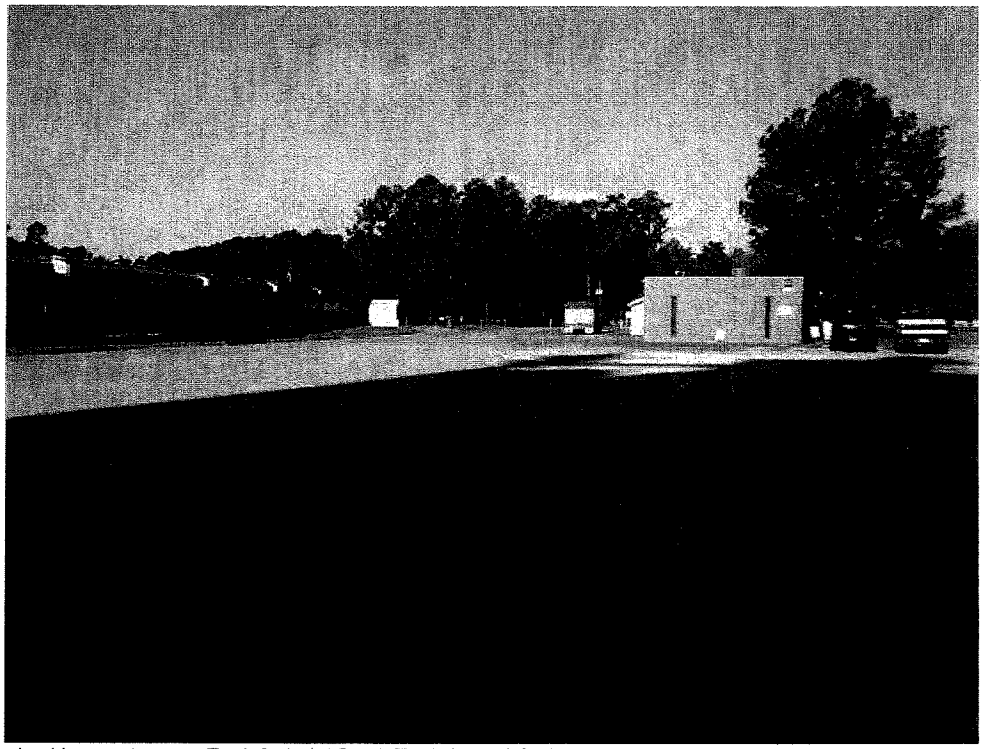


Photo 1 Looking west across Tank 3, 4 and 5 with Tank 1 and 2 further west. Human resources building is in the background.

Photo 2 Looking southeast across Tank 3, 4 and 5 and showing the product lines extending towards the former pump island.

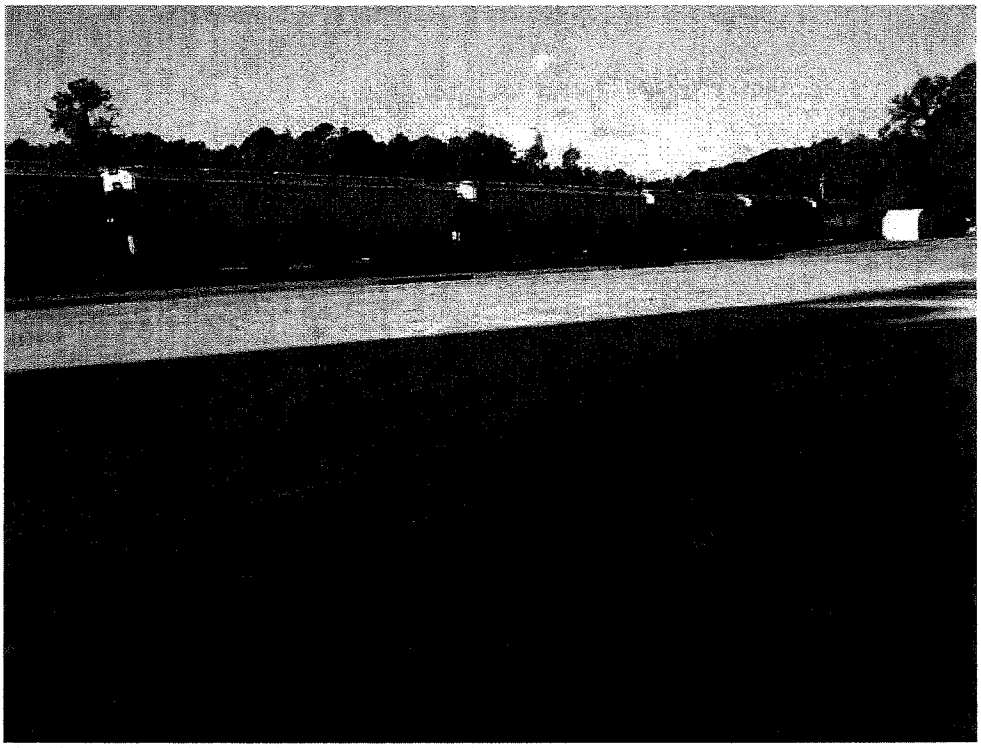


Photo 3 Looking southwest between the two separate tank basins.

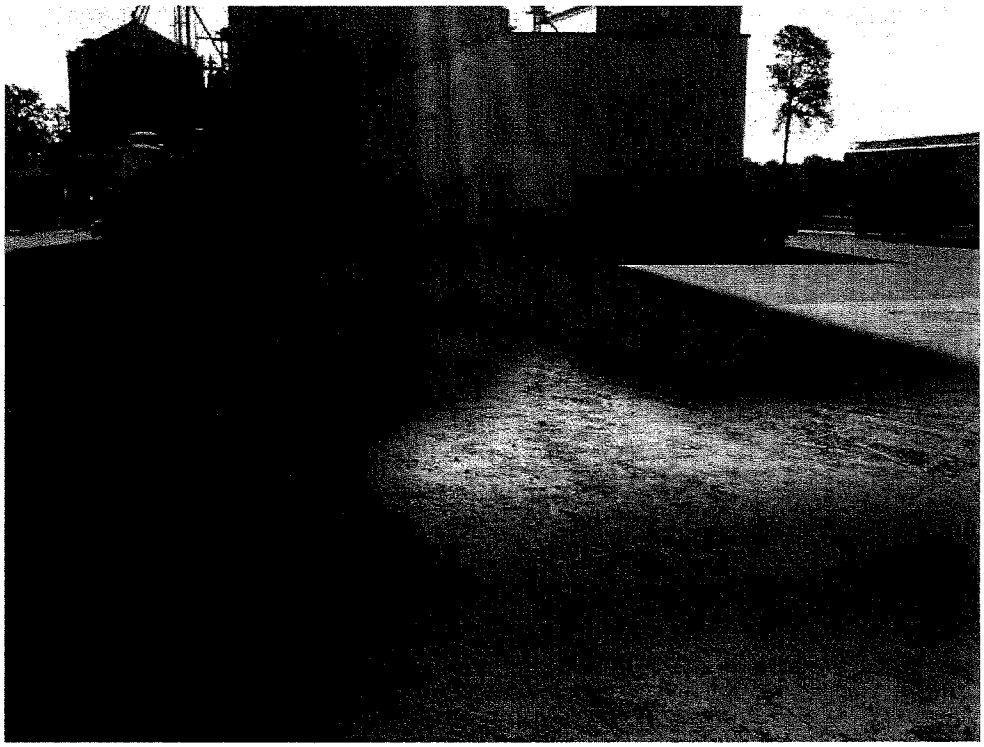


Photo 4 Looking east across Tank 1 and Tank 2 with Mill #1 in the background.

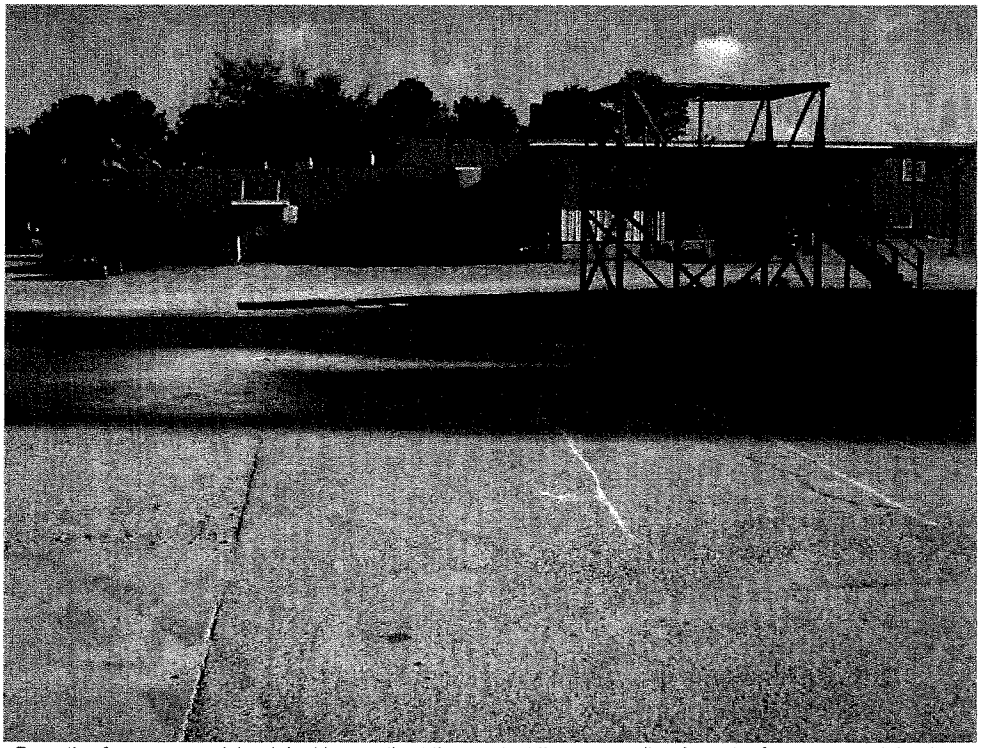


Photo 5 From the former pump island, looking north at the product lines extending from the former pump island towards Tank 1 and Tank 2.

Photo 6 From the former pump island, looking northeast at the product lines extending from the former pump island towards Tank 1 and Tank 2 (at left) and the product lines extending towards Tanks 3, 4 and 5 (at right).

Goldsboro Milling Feed Mill # 1 – GRP Identified USTs and Product Lines

Appendix C

Laboratory Data Sheets and Chain-of-Custody

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 01, 2011

Mr. Allen McColl
Terracon
314 Beacon Drive
Winterville, NC 28590

RE: Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Dear Mr. McColl:
Enclosed are the analytical results for sample(s) received by the laboratory on October 22, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards, where applicable, unless otherwise narrated in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Herring

kevin.herring@pacelabs.com
Project Manager

Enclosures

Pace Analytical
www.pacelabs.com

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(336)623-8921

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

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SAMPLE ANALYTE COUNT

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92104947001	**SB-1**	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	KJM	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92104947002	**SB-5**	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	KJM	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92104947003	**SB-8**	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	KJM	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92104947004	**SB-9**	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	KJM	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92104947005	**GW-1**	EPA 8270	BPJ	21	PASI-C
		EPA 8260	MCK	63	PASI-C
92104947006	**GW-2**	EPA 8270	BPJ	21	PASI-C
		EPA 8260	MCK	63	PASI-C
92104947007	**GW-3**	EPA 8270	BPJ	21	PASI-C
		EPA 8260	MCK	63	PASI-C
92104947008	**GW-4**	EPA 8270	BPJ	21	PASI-C
		EPA 8260	MCK	63	PASI-C

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: SB-1 **Lab ID: 92104947001** Collected: 10/20/11 11:00 Received: 10/22/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	5.8	1	10/24/11 09:28	10/25/11 00:01	68334-30-5	
n-Pentacosane (S)	77	%	41-119	1	10/24/11 09:28	10/25/11 00:01	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B							
Gasoline Range Organics	ND	mg/kg	6.4	1	10/26/11 11:41	10/26/11 18:08	8006-61-9	
4-Bromofluorobenzene (S)	87	%	70-167	1	10/26/11 11:41	10/26/11 18:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.2**	%	0.10	1		10/25/11 18:05		

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: SB-5 **Lab ID: 92104947002** Collected: 10/20/11 14:15 Received: 10/22/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	5.7	1	10/24/11 09:28	10/25/11 00:29	68334-30-5	
n-Pentacosane (S)	73	%	41-119	1	10/24/11 09:28	10/25/11 00:29	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B							
Gasoline Range Organics	ND	mg/kg	6.0	1	10/26/11 11:41	10/26/11 18:33	8006-61-9	
4-Bromofluorobenzene (S)	90	%	70-167	1	10/26/11 11:41	10/26/11 18:33	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.6**	%	0.10	1		10/25/11 18:06		

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: SB-8 **Lab ID: 92104947003** Collected: 10/20/11 15:05 Received: 10/22/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	8.0	1	10/24/11 09:28	10/25/11 00:57	68334-30-5	
n-Pentacosane (S)	75	%	41-119	1	10/24/11 09:28	10/25/11 00:57	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B							
Gasoline Range Organics	ND	mg/kg	8.3	1	10/26/11 11:41	10/26/11 18:58	8006-61-9	
4-Bromofluorobenzene (S)	87	%	70-167	1	10/26/11 11:41	10/26/11 18:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**37.3**	%	0.10	1		10/25/11 18:06		

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: SB-9 **Lab ID: 92104947004** Collected: 10/20/11 15:50 Received: 10/22/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546							
Diesel Components	**892**	mg/kg	29.1	5	10/24/11 09:28	10/25/11 12:59	68334-30-5	
n-Pentacosane (S)	0	%	41-119	5	10/24/11 09:28	10/25/11 12:59	629-99-2	S4
Gasoline Range Organics	Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B							
Gasoline Range Organics	**3480**	mg/kg	133	20	10/26/11 11:41	10/27/11 12:48	8006-61-9	
4-Bromofluorobenzene (S)	173	%	70-167	20	10/26/11 11:41	10/27/11 12:48	460-00-4	S5
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.2**	%	0.10	1		10/25/11 18:06		

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: GW-1 **Lab ID: 92104947005** Collected: 10/20/11 13:20 Received: 10/22/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	208-96-8	
Anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	207-08-9	
Chrysene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	53-70-3	
Fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	91-57-6	
Naphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	91-20-3	
Phenanthrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	85-01-8	
Pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 11:56	129-00-0	
Nitrobenzene-d5 (S)	61	%	21-110	1	10/27/11 12:00	10/31/11 11:56	4165-60-0	
2-Fluorobiphenyl (S)	60	%	27-110	1	10/27/11 12:00	10/31/11 11:56	321-60-8	
Terphenyl-d14 (S)	82	%	31-107	1	10/27/11 12:00	10/31/11 11:56	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/27/11 06:11	67-64-1	
Benzene	ND	ug/L	1.0	1		10/27/11 06:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		10/27/11 06:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/27/11 06:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/27/11 06:11	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/27/11 06:11	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/27/11 06:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/27/11 06:11	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/27/11 06:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/27/11 06:11	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/27/11 06:11	75-00-3	
Chloroform	**1.1**	ug/L	1.0	1		10/27/11 06:11	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/27/11 06:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/27/11 06:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/27/11 06:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/27/11 06:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/27/11 06:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/27/11 06:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/27/11 06:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/27/11 06:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/27/11 06:11	75-34-3	

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: GW-1 **Lab ID: 92104947005** Collected: 10/20/11 13:20 Received: 10/22/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/27/11 06:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/27/11 06:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/27/11 06:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/27/11 06:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/27/11 06:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/27/11 06:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/27/11 06:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/27/11 06:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/27/11 06:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/27/11 06:11	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/27/11 06:11	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/27/11 06:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/27/11 06:11	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/27/11 06:11	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/27/11 06:11	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		10/27/11 06:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/27/11 06:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/27/11 06:11	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/27/11 06:11	91-20-3	
Styrene	ND	ug/L	1.0	1		10/27/11 06:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/27/11 06:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/27/11 06:11	79-34-5	
Tetrachloroethene	**13.4**	ug/L	1.0	1		10/27/11 06:11	127-18-4	
Toluene	ND	ug/L	1.0	1		10/27/11 06:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/27/11 06:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/27/11 06:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/27/11 06:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/27/11 06:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/27/11 06:11	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/27/11 06:11	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/27/11 06:11	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		10/27/11 06:11	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/27/11 06:11	95-47-6	
4-Bromofluorobenzene (S)	93	%	70-130	1		10/27/11 06:11	460-00-4	
Dibromofluoromethane (S)	124	%	70-130	1		10/27/11 06:11	1868-53-7	
1,2-Dichloroethane-d4 (S)	120	%	70-130	1		10/27/11 06:11	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/27/11 06:11	2037-26-5	

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: GW-2 **Lab ID: 92104947006** Collected: 10/20/11 13:50 Received: 10/22/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	208-96-8	
Anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	207-08-9	
Chrysene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	53-70-3	
Fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	91-57-6	
Naphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	91-20-3	
Phenanthrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	85-01-8	
Pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:25	129-00-0	
Nitrobenzene-d5 (S)	61	%	21-110	1	10/27/11 12:00	10/31/11 12:25	4165-60-0	
2-Fluorobiphenyl (S)	62	%	27-110	1	10/27/11 12:00	10/31/11 12:25	321-60-8	
Terphenyl-d14 (S)	78	%	31-107	1	10/27/11 12:00	10/31/11 12:25	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/27/11 06:36	67-64-1	
Benzene	ND	ug/L	1.0	1		10/27/11 06:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		10/27/11 06:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/27/11 06:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/27/11 06:36	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/27/11 06:36	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/27/11 06:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/27/11 06:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/27/11 06:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/27/11 06:36	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/27/11 06:36	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/27/11 06:36	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/27/11 06:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/27/11 06:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/27/11 06:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/27/11 06:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/27/11 06:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/27/11 06:36	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/27/11 06:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/27/11 06:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/27/11 06:36	75-34-3	

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: GW-2 **Lab ID: 92104947006** Collected: 10/20/11 13:50 Received: 10/22/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/27/11 06:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/27/11 06:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/27/11 06:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/27/11 06:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/27/11 06:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/27/11 06:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/27/11 06:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/27/11 06:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/27/11 06:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/27/11 06:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/27/11 06:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/27/11 06:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/27/11 06:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/27/11 06:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/27/11 06:36	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		10/27/11 06:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/27/11 06:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/27/11 06:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/27/11 06:36	91-20-3	
Styrene	ND	ug/L	1.0	1		10/27/11 06:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/27/11 06:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/27/11 06:36	79-34-5	
Tetrachloroethene	**3.9**	ug/L	1.0	1		10/27/11 06:36	127-18-4	
Toluene	ND	ug/L	1.0	1		10/27/11 06:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/27/11 06:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/27/11 06:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/27/11 06:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/27/11 06:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/27/11 06:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/27/11 06:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/27/11 06:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/27/11 06:36	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		10/27/11 06:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/27/11 06:36	95-47-6	
4-Bromofluorobenzene (S)	93	%	70-130	1		10/27/11 06:36	460-00-4	
Dibromofluoromethane (S)	123	%	70-130	1		10/27/11 06:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	119	%	70-130	1		10/27/11 06:36	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/27/11 06:36	2037-26-5	

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: GW-3 **Lab ID: 92104947007** Collected: 10/20/11 15:00 Received: 10/22/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	208-96-8	
Anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	207-08-9	
Chrysene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	53-70-3	
Fluoranthene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	91-57-6	
Naphthalene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	91-20-3	
Phenanthrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	85-01-8	
Pyrene	ND	ug/L	10.0	1	10/27/11 12:00	10/31/11 12:53	129-00-0	
Nitrobenzene-d5 (S)	71	%	21-110	1	10/27/11 12:00	10/31/11 12:53	4165-60-0	
2-Fluorobiphenyl (S)	61	%	27-110	1	10/27/11 12:00	10/31/11 12:53	321-60-8	
Terphenyl-d14 (S)	78	%	31-107	1	10/27/11 12:00	10/31/11 12:53	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	250	10		10/28/11 12:51	67-64-1	
Benzene	ND	ug/L	10.0	10		10/28/11 12:51	71-43-2	
Bromobenzene	ND	ug/L	10.0	10		10/28/11 12:51	108-86-1	
Bromochloromethane	ND	ug/L	10.0	10		10/28/11 12:51	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	10		10/28/11 12:51	75-27-4	
Bromoform	ND	ug/L	10.0	10		10/28/11 12:51	75-25-2	
Bromomethane	ND	ug/L	20.0	10		10/28/11 12:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	50.0	10		10/28/11 12:51	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	10		10/28/11 12:51	56-23-5	
Chlorobenzene	ND	ug/L	10.0	10		10/28/11 12:51	108-90-7	
Chloroethane	ND	ug/L	10.0	10		10/28/11 12:51	75-00-3	
Chloroform	ND	ug/L	10.0	10		10/28/11 12:51	67-66-3	
Chloromethane	ND	ug/L	10.0	10		10/28/11 12:51	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	10		10/28/11 12:51	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	10		10/28/11 12:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	10		10/28/11 12:51	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	10		10/28/11 12:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	10.0	10		10/28/11 12:51	106-93-4	
Dibromomethane	ND	ug/L	10.0	10		10/28/11 12:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	10		10/28/11 12:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	10		10/28/11 12:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	10		10/28/11 12:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	10		10/28/11 12:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	10		10/28/11 12:51	75-34-3	

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: GW-3 **Lab ID: 92104947007** Collected: 10/20/11 15:00 Received: 10/22/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	10.0	10		10/28/11 12:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	10		10/28/11 12:51	75-35-4	
cis-1,2-Dichloroethene	**1490**	ug/L	10.0	10		10/28/11 12:51	156-59-2	
trans-1,2-Dichloroethene	**16.3**	ug/L	10.0	10		10/28/11 12:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	10		10/28/11 12:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	10		10/28/11 12:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	10		10/28/11 12:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	10		10/28/11 12:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	10		10/28/11 12:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	10		10/28/11 12:51	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	10		10/28/11 12:51	108-20-3	
Ethylbenzene	ND	ug/L	10.0	10		10/28/11 12:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	10		10/28/11 12:51	87-68-3	
2-Hexanone	ND	ug/L	50.0	10		10/28/11 12:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	10		10/28/11 12:51	99-87-6	
Methylene Chloride	**26.9**	ug/L	20.0	10		10/28/11 12:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	10		10/28/11 12:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	10		10/28/11 12:51	1634-04-4	
Naphthalene	ND	ug/L	10.0	10		10/28/11 12:51	91-20-3	
Styrene	ND	ug/L	10.0	10		10/28/11 12:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	10		10/28/11 12:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	10		10/28/11 12:51	79-34-5	
Tetrachloroethene	**111**	ug/L	10.0	10		10/28/11 12:51	127-18-4	
Toluene	ND	ug/L	10.0	10		10/28/11 12:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	10		10/28/11 12:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	10		10/28/11 12:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	10		10/28/11 12:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	10		10/28/11 12:51	79-00-5	
Trichloroethene	**203**	ug/L	10.0	10		10/28/11 12:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	10		10/28/11 12:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	10		10/28/11 12:51	96-18-4	
Vinyl acetate	ND	ug/L	20.0	10		10/28/11 12:51	108-05-4	
Vinyl chloride	**27.1**	ug/L	10.0	10		10/28/11 12:51	75-01-4	
m&p-Xylene	ND	ug/L	20.0	10		10/28/11 12:51	179601-23-1	
o-Xylene	ND	ug/L	10.0	10		10/28/11 12:51	95-47-6	
4-Bromofluorobenzene (S)	93	%	70-130	10		10/28/11 12:51	460-00-4	
Dibromofluoromethane (S)	117	%	70-130	10		10/28/11 12:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	116	%	70-130	10		10/28/11 12:51	17060-07-0	
Toluene-d8 (S)	94	%	70-130	10		10/28/11 12:51	2037-26-5	

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: GW-4 **Lab ID: 92104947008** Collected: 10/20/11 16:15 Received: 10/22/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	83-32-9	
Acenaphthylene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	208-96-8	
Anthracene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	207-08-9	
Chrysene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	53-70-3	
Fluoranthene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	206-44-0	
Fluorene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	193-39-5	
1-Methylnaphthalene	**174**	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	90-12-0	
2-Methylnaphthalene	**374**	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	91-57-6	
Naphthalene	**123**	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	91-20-3	D3
Phenanthrene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	85-01-8	
Pyrene	ND	ug/L	55.6	5	10/27/11 12:00	10/31/11 14:30	129-00-0	
Nitrobenzene-d5 (S)	90	%	21-110	5	10/27/11 12:00	10/31/11 14:30	4165-60-0	
2-Fluorobiphenyl (S)	94	%	27-110	5	10/27/11 12:00	10/31/11 14:30	321-60-8	
Terphenyl-d14 (S)	104	%	31-107	5	10/27/11 12:00	10/31/11 14:30	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**215**	ug/L	25.0	1		10/27/11 09:18	67-64-1	
Benzene	**9.4**	ug/L	1.0	1		10/27/11 09:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		10/27/11 09:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/27/11 09:18	74-97-5	
Bromodichloromethane	**1.4**	ug/L	1.0	1		10/27/11 09:18	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/27/11 09:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/27/11 09:18	74-83-9	
2-Butanone (MEK)	**87.5**	ug/L	5.0	1		10/27/11 09:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/27/11 09:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/27/11 09:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/27/11 09:18	75-00-3	
Chloroform	**3.6**	ug/L	1.0	1		10/27/11 09:18	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/27/11 09:18	74-87-3	
2-Chlorotoluene	ND	ug/L	20.0	20		10/30/11 10:37	95-49-8	
4-Chlorotoluene	ND	ug/L	20.0	20		10/30/11 10:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/27/11 09:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/27/11 09:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/27/11 09:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/27/11 09:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 09:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 09:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/27/11 09:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/27/11 09:18	75-71-8	
1,1-Dichloroethane	**1.9**	ug/L	1.0	1		10/27/11 09:18	75-34-3	

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ANALYTICAL RESULTS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Sample: GW-4 **Lab ID: 92104947008** Collected: 10/20/11 16:15 Received: 10/22/11 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/27/11 09:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/27/11 09:18	75-35-4	
cis-1,2-Dichloroethene	**863**	ug/L	20.0	20		10/30/11 10:37	156-59-2	
trans-1,2-Dichloroethene	**9.2**	ug/L	1.0	1		10/27/11 09:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/27/11 09:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/27/11 09:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/27/11 09:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/27/11 09:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/27/11 09:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/27/11 09:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/27/11 09:18	108-20-3	
Ethylbenzene	**201**	ug/L	20.0	20		10/30/11 10:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/27/11 09:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/27/11 09:18	591-78-6	
p-Isopropyltoluene	**102**	ug/L	1.0	1		10/27/11 09:18	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		10/27/11 09:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/27/11 09:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/27/11 09:18	1634-04-4	
Naphthalene	**173**	ug/L	1.0	1		10/27/11 09:18	91-20-3	
Styrene	ND	ug/L	1.0	1		10/27/11 09:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/27/11 09:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/27/11 09:18	79-34-5	
Tetrachloroethene	**177**	ug/L	1.0	1		10/27/11 09:18	127-18-4	
Toluene	**15.3**	ug/L	1.0	1		10/27/11 09:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/27/11 09:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/27/11 09:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/27/11 09:18	71-55-6	
1,1,2-Trichloroethane	**1.7**	ug/L	1.0	1		10/27/11 09:18	79-00-5	
Trichloroethene	**154**	ug/L	1.0	1		10/27/11 09:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/27/11 09:18	75-69-4	
1,2,3-Trichloropropane	**5.3**	ug/L	1.0	1		10/27/11 09:18	96-18-4	
Vinyl acetate	**12.5**	ug/L	2.0	1		10/27/11 09:18	108-05-4	
Vinyl chloride	**12.7**	ug/L	1.0	1		10/27/11 09:18	75-01-4	
m&p-Xylene	**820**	ug/L	40.0	20		10/30/11 10:37	179601-23-1	
o-Xylene	**324**	ug/L	20.0	20		10/30/11 10:37	95-47-6	
4-Bromofluorobenzene (S)	103	%	70-130	1		10/27/11 09:18	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		10/27/11 09:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		10/27/11 09:18	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		10/27/11 09:18	2037-26-5	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

QC Batch: OEXT/15279 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 3546 Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 92104947001, 92104947002, 92104947003, 92104947004

METHOD BLANK: 676822 Matrix: Solid
Associated Lab Samples: 92104947001, 92104947002, 92104947003, 92104947004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	5.0	10/24/11 22:37	
n-Pentacosane (S)	%	79	41-119	10/24/11 22:37	

LABORATORY CONTROL SAMPLE: 676823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/kg	66.7	51.5	77	49-113	
n-Pentacosane (S)	%			79	41-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 676824 676825

Parameter	Units	92104947001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	ND	76.9	76.9	58.8	58.5	72	72	10-146	1	
n-Pentacosane (S)	%						76	77	41-119		

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

QC Batch: GCV/5460 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 92104947001, 92104947002, 92104947003, 92104947004

METHOD BLANK: 677831 Matrix: Solid
Associated Lab Samples: 92104947001, 92104947002, 92104947003, 92104947004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.8	10/26/11 15:14	
4-Bromofluorobenzene (S)	%	93	70-167	10/26/11 15:14	

LABORATORY CONTROL SAMPLE: 677832

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	24.3	23.1	95	70-165	
4-Bromofluorobenzene (S)	%			83	70-167	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 677833 677834

Parameter	Units	92104913007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Gasoline Range Organics	mg/kg	ND	27.2	27.2	34.2	34.6	126	127	47-187	1	
4-Bromofluorobenzene (S)	%						87	89	70-167		

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

QC Batch: OEXT/15329 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92104947005, 92104947006, 92104947007, 92104947008

METHOD BLANK: 678949 Matrix: Water
Associated Lab Samples: 92104947005, 92104947006, 92104947007, 92104947008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	10/31/11 08:35	
2-Methylnaphthalene	ug/L	ND	10.0	10/31/11 08:35	
Acenaphthene	ug/L	ND	10.0	10/31/11 08:35	
Acenaphthylene	ug/L	ND	10.0	10/31/11 08:35	
Anthracene	ug/L	ND	10.0	10/31/11 08:35	
Benzo(a)anthracene	ug/L	ND	10.0	10/31/11 08:35	
Benzo(a)pyrene	ug/L	ND	10.0	10/31/11 08:35	
Benzo(b)fluoranthene	ug/L	ND	10.0	10/31/11 08:35	
Benzo(g,h,i)perylene	ug/L	ND	10.0	10/31/11 08:35	
Benzo(k)fluoranthene	ug/L	ND	10.0	10/31/11 08:35	
Chrysene	ug/L	ND	10.0	10/31/11 08:35	
Dibenz(a,h)anthracene	ug/L	ND	10.0	10/31/11 08:35	
Fluoranthene	ug/L	ND	10.0	10/31/11 08:35	
Fluorene	ug/L	ND	10.0	10/31/11 08:35	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	10/31/11 08:35	
Naphthalene	ug/L	ND	10.0	10/31/11 08:35	
Phenanthrene	ug/L	ND	10.0	10/31/11 08:35	
Pyrene	ug/L	ND	10.0	10/31/11 08:35	
2-Fluorobiphenyl (S)	%	75	27-110	10/31/11 08:35	
Nitrobenzene-d5 (S)	%	70	21-110	10/31/11 08:35	
Terphenyl-d14 (S)	%	75	31-107	10/31/11 08:35	

LABORATORY CONTROL SAMPLE: 678950

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	42.8	86	21-110	
2-Methylnaphthalene	ug/L	50	42.6	85	16-110	
Acenaphthene	ug/L	50	41.6	83	20-105	
Acenaphthylene	ug/L	50	41.4	83	23-106	
Anthracene	ug/L	50	43.8	88	25-120	
Benzo(a)anthracene	ug/L	50	46.4	93	21-128	
Benzo(a)pyrene	ug/L	50	44.0	88	25-116	
Benzo(b)fluoranthene	ug/L	50	41.3	83	23-117	
Benzo(g,h,i)perylene	ug/L	50	45.5	91	17-128	
Benzo(k)fluoranthene	ug/L	50	45.6	91	25-127	
Chrysene	ug/L	50	47.1	94	24-125	
Dibenz(a,h)anthracene	ug/L	50	47.5	95	18-131	
Fluoranthene	ug/L	50	49.5	99	24-125	
Fluorene	ug/L	50	43.5	87	24-114	
Indeno(1,2,3-cd)pyrene	ug/L	50	45.7	91	18-130	
Naphthalene	ug/L	50	39.9	80	14-110	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

LABORATORY CONTROL SAMPLE: 678950

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	41.7	83	25-119	
Pyrene	ug/L	50	37.4	75	22-127	
2-Fluorobiphenyl (S)	%			83	27-110	
Nitrobenzene-d5 (S)	%			77	21-110	
Terphenyl-d14 (S)	%			85	31-107	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

QC Batch: MSV/17083 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92104947005, 92104947006, 92104947008

METHOD BLANK: 677941 Matrix: Water
Associated Lab Samples: 92104947005, 92104947006, 92104947008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/27/11 02:48	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/27/11 02:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/27/11 02:48	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/27/11 02:48	
1,1-Dichloroethane	ug/L	ND	1.0	10/27/11 02:48	
1,1-Dichloroethene	ug/L	ND	1.0	10/27/11 02:48	
1,1-Dichloropropene	ug/L	ND	1.0	10/27/11 02:48	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	10/27/11 02:48	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/27/11 02:48	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	10/27/11 02:48	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	10/27/11 02:48	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/27/11 02:48	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/27/11 02:48	
1,2-Dichloroethane	ug/L	ND	1.0	10/27/11 02:48	
1,2-Dichloropropane	ug/L	ND	1.0	10/27/11 02:48	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/27/11 02:48	
1,3-Dichloropropane	ug/L	ND	1.0	10/27/11 02:48	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/27/11 02:48	
2,2-Dichloropropane	ug/L	ND	1.0	10/27/11 02:48	
2-Butanone (MEK)	ug/L	ND	5.0	10/27/11 02:48	
2-Chlorotoluene	ug/L	ND	1.0	10/27/11 02:48	
2-Hexanone	ug/L	ND	5.0	10/27/11 02:48	
4-Chlorotoluene	ug/L	ND	1.0	10/27/11 02:48	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/27/11 02:48	
Acetone	ug/L	ND	25.0	10/27/11 02:48	
Benzene	ug/L	ND	1.0	10/27/11 02:48	
Bromobenzene	ug/L	ND	1.0	10/27/11 02:48	
Bromochloromethane	ug/L	ND	1.0	10/27/11 02:48	
Bromodichloromethane	ug/L	ND	1.0	10/27/11 02:48	
Bromoform	ug/L	ND	1.0	10/27/11 02:48	
Bromomethane	ug/L	ND	2.0	10/27/11 02:48	
Carbon tetrachloride	ug/L	ND	1.0	10/27/11 02:48	
Chlorobenzene	ug/L	ND	1.0	10/27/11 02:48	
Chloroethane	ug/L	ND	1.0	10/27/11 02:48	
Chloroform	ug/L	ND	1.0	10/27/11 02:48	
Chloromethane	ug/L	ND	1.0	10/27/11 02:48	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/27/11 02:48	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/27/11 02:48	
Dibromochloromethane	ug/L	ND	1.0	10/27/11 02:48	
Dibromomethane	ug/L	ND	1.0	10/27/11 02:48	
Dichlorodifluoromethane	ug/L	ND	1.0	10/27/11 02:48	
Diisopropyl ether	ug/L	ND	1.0	10/27/11 02:48	
Ethylbenzene	ug/L	ND	1.0	10/27/11 02:48	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

METHOD BLANK: 677941 Matrix: Water

Associated Lab Samples: 92104947005, 92104947006, 92104947008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	10/27/11 02:48	
m&p-Xylene	ug/L	ND	2.0	10/27/11 02:48	
Methyl-tert-butyl ether	ug/L	ND	1.0	10/27/11 02:48	
Methylene Chloride	ug/L	ND	2.0	10/27/11 02:48	
Naphthalene	ug/L	ND	1.0	10/27/11 02:48	
o-Xylene	ug/L	ND	1.0	10/27/11 02:48	
p-Isopropyltoluene	ug/L	ND	1.0	10/27/11 02:48	
Styrene	ug/L	ND	1.0	10/27/11 02:48	
Tetrachloroethene	ug/L	ND	1.0	10/27/11 02:48	
Toluene	ug/L	ND	1.0	10/27/11 02:48	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/27/11 02:48	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/27/11 02:48	
Trichloroethene	ug/L	ND	1.0	10/27/11 02:48	
Trichlorofluoromethane	ug/L	ND	1.0	10/27/11 02:48	
Vinyl acetate	ug/L	ND	2.0	10/27/11 02:48	
Vinyl chloride	ug/L	ND	1.0	10/27/11 02:48	
1,2-Dichloroethane-d4 (S)	%	113	70-130	10/27/11 02:48	
4-Bromofluorobenzene (S)	%	93	70-130	10/27/11 02:48	
Dibromofluoromethane (S)	%	117	70-130	10/27/11 02:48	
Toluene-d8 (S)	%	97	70-130	10/27/11 02:48	

LABORATORY CONTROL SAMPLE: 677942

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.4	111	70-130	
1,1,1-Trichloroethane	ug/L	50	53.6	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.9	102	70-130	
1,1,2-Trichloroethane	ug/L	50	54.9	110	70-130	
1,1-Dichloroethane	ug/L	50	52.4	105	70-130	
1,1-Dichloroethene	ug/L	50	55.4	111	70-132	
1,1-Dichloropropene	ug/L	50	53.6	107	70-130	
1,2,3-Trichlorobenzene	ug/L	50	54.5	109	70-135	
1,2,3-Trichloropropane	ug/L	50	51.3	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.0	106	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	49.4	99	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.4	107	70-130	
1,2-Dichlorobenzene	ug/L	50	56.1	112	70-130	
1,2-Dichloroethane	ug/L	50	54.1	108	70-130	
1,2-Dichloropropane	ug/L	50	53.5	107	70-130	
1,3-Dichlorobenzene	ug/L	50	54.4	109	70-130	
1,3-Dichloropropane	ug/L	50	53.2	106	70-130	
1,4-Dichlorobenzene	ug/L	50	53.2	106	70-130	
2,2-Dichloropropane	ug/L	50	44.1	88	58-145	
2-Butanone (MEK)	ug/L	100	100	100	70-145	
2-Chlorotoluene	ug/L	50	55.2	110	70-130	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

LABORATORY CONTROL SAMPLE: 677942

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	97.6	98	70-144	
4-Chlorotoluene	ug/L	50	57.4	115	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	110	110	70-140	
Acetone	ug/L	100	96.5	96	50-175	
Benzene	ug/L	50	54.3	109	70-130	
Bromobenzene	ug/L	50	51.9	104	70-130	
Bromochloromethane	ug/L	50	52.6	105	70-130	
Bromodichloromethane	ug/L	50	53.9	108	70-130	
Bromoform	ug/L	50	54.5	109	70-130	
Bromomethane	ug/L	50	49.8	100	54-130	
Carbon tetrachloride	ug/L	50	55.1	110	70-132	
Chlorobenzene	ug/L	50	53.1	106	70-130	
Chloroethane	ug/L	50	46.0	92	64-134	
Chloroform	ug/L	50	51.3	103	70-130	
Chloromethane	ug/L	50	50.3	101	64-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-131	
cis-1,3-Dichloropropene	ug/L	50	54.6	109	70-130	
Dibromochloromethane	ug/L	50	53.3	107	70-130	
Dibromomethane	ug/L	50	54.9	110	70-131	
Dichlorodifluoromethane	ug/L	50	44.7	89	56-130	
Diisopropyl ether	ug/L	50	48.9	98	70-130	
Ethylbenzene	ug/L	50	56.6	113	70-130	
Hexachloro-1,3-butadiene	ug/L	50	53.9	108	70-130	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	51.8	104	70-130	
Methylene Chloride	ug/L	50	48.3	97	63-130	
Naphthalene	ug/L	50	53.3	107	70-138	
o-Xylene	ug/L	50	53.9	108	70-130	
p-Isopropyltoluene	ug/L	50	55.0	110	70-130	
Styrene	ug/L	50	55.2	110	70-130	
Tetrachloroethene	ug/L	50	54.8	110	70-130	
Toluene	ug/L	50	55.6	111	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	70-132	
Trichloroethene	ug/L	50	59.5	119	70-130	
Trichlorofluoromethane	ug/L	50	46.4	93	62-133	
Vinyl acetate	ug/L	100	81.5	82	66-157	
Vinyl chloride	ug/L	50	49.8	100	69-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 677943 677944

Parameter	Units	92104751001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	58.6	61.0	117	122	70-166	4	
Benzene	ug/L	ND	50	50	57.5	59.2	115	118	70-148	3	
Chlorobenzene	ug/L	ND	50	50	56.4	59.9	113	120	70-146	6	
Toluene	ug/L	ND	50	50	54.6	57.0	109	114	70-155	4	
Trichloroethene	ug/L	ND	50	50	53.0	55.3	106	111	69-151	4	
1,2-Dichloroethane-d4 (S)	%						103	104	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Dibromofluoromethane (S)	%						110	110	70-130		
Toluene-d8 (S)	%						93	93	70-130		

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

QC Batch: MSV/17108
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92104947007

METHOD BLANK: 678923
Matrix: Water
Associated Lab Samples: 92104947007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/28/11 02:41	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/28/11 02:41	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/28/11 02:41	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/28/11 02:41	
1,1-Dichloroethane	ug/L	ND	1.0	10/28/11 02:41	
1,1-Dichloroethene	ug/L	ND	1.0	10/28/11 02:41	
1,1-Dichloropropene	ug/L	ND	1.0	10/28/11 02:41	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	10/28/11 02:41	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/28/11 02:41	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	10/28/11 02:41	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	10/28/11 02:41	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/28/11 02:41	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/28/11 02:41	
1,2-Dichloroethane	ug/L	ND	1.0	10/28/11 02:41	
1,2-Dichloropropane	ug/L	ND	1.0	10/28/11 02:41	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/28/11 02:41	
1,3-Dichloropropane	ug/L	ND	1.0	10/28/11 02:41	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/28/11 02:41	
2,2-Dichloropropane	ug/L	ND	1.0	10/28/11 02:41	
2-Butanone (MEK)	ug/L	ND	5.0	10/28/11 02:41	
2-Chlorotoluene	ug/L	ND	1.0	10/28/11 02:41	
2-Hexanone	ug/L	ND	5.0	10/28/11 02:41	
4-Chlorotoluene	ug/L	ND	1.0	10/28/11 02:41	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/28/11 02:41	
Acetone	ug/L	ND	25.0	10/28/11 02:41	
Benzene	ug/L	ND	1.0	10/28/11 02:41	
Bromobenzene	ug/L	ND	1.0	10/28/11 02:41	
Bromochloromethane	ug/L	ND	1.0	10/28/11 02:41	
Bromodichloromethane	ug/L	ND	1.0	10/28/11 02:41	
Bromoform	ug/L	ND	1.0	10/28/11 02:41	
Bromomethane	ug/L	ND	2.0	10/28/11 02:41	
Carbon tetrachloride	ug/L	ND	1.0	10/28/11 02:41	
Chlorobenzene	ug/L	ND	1.0	10/28/11 02:41	
Chloroethane	ug/L	ND	1.0	10/28/11 02:41	
Chloroform	ug/L	ND	1.0	10/28/11 02:41	
Chloromethane	ug/L	ND	1.0	10/28/11 02:41	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/28/11 02:41	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/28/11 02:41	
Dibromochloromethane	ug/L	ND	1.0	10/28/11 02:41	
Dibromomethane	ug/L	ND	1.0	10/28/11 02:41	
Dichlorodifluoromethane	ug/L	ND	1.0	10/28/11 02:41	
Diisopropyl ether	ug/L	ND	1.0	10/28/11 02:41	
Ethylbenzene	ug/L	ND	1.0	10/28/11 02:41	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

METHOD BLANK: 678923 Matrix: Water

Associated Lab Samples: 92104947007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	10/28/11 02:41	
m&p-Xylene	ug/L	ND	2.0	10/28/11 02:41	
Methyl-tert-butyl ether	ug/L	ND	1.0	10/28/11 02:41	
Methylene Chloride	ug/L	ND	2.0	10/28/11 02:41	
Naphthalene	ug/L	ND	1.0	10/28/11 02:41	
o-Xylene	ug/L	ND	1.0	10/28/11 02:41	
p-Isopropyltoluene	ug/L	ND	1.0	10/28/11 02:41	
Styrene	ug/L	ND	1.0	10/28/11 02:41	
Tetrachloroethene	ug/L	ND	1.0	10/28/11 02:41	
Toluene	ug/L	ND	1.0	10/28/11 02:41	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/28/11 02:41	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/28/11 02:41	
Trichloroethene	ug/L	ND	1.0	10/28/11 02:41	
Trichlorofluoromethane	ug/L	ND	1.0	10/28/11 02:41	
Vinyl acetate	ug/L	ND	2.0	10/28/11 02:41	
Vinyl chloride	ug/L	ND	1.0	10/28/11 02:41	
1,2-Dichloroethane-d4 (S)	%	110	70-130	10/28/11 02:41	
4-Bromofluorobenzene (S)	%	95	70-130	10/28/11 02:41	
Dibromofluoromethane (S)	%	115	70-130	10/28/11 02:41	
Toluene-d8 (S)	%	96	70-130	10/28/11 02:41	

LABORATORY CONTROL SAMPLE: 678924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.0	112	70-130	
1,1,1-Trichloroethane	ug/L	50	52.5	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.8	104	70-130	
1,1,2-Trichloroethane	ug/L	50	55.4	111	70-130	
1,1-Dichloroethane	ug/L	50	51.1	102	70-130	
1,1-Dichloroethene	ug/L	50	52.0	104	70-132	
1,1-Dichloropropene	ug/L	50	52.9	106	70-130	
1,2,3-Trichlorobenzene	ug/L	50	56.0	112	70-135	
1,2,3-Trichloropropane	ug/L	50	51.0	102	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.1	108	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	50.0	100	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.0	108	70-130	
1,2-Dichlorobenzene	ug/L	50	56.3	113	70-130	
1,2-Dichloroethane	ug/L	50	52.4	105	70-130	
1,2-Dichloropropane	ug/L	50	53.7	107	70-130	
1,3-Dichlorobenzene	ug/L	50	55.0	110	70-130	
1,3-Dichloropropane	ug/L	50	53.2	106	70-130	
1,4-Dichlorobenzene	ug/L	50	53.5	107	70-130	
2,2-Dichloropropane	ug/L	50	43.7	87	58-145	
2-Butanone (MEK)	ug/L	100	95.2	95	70-145	
2-Chlorotoluene	ug/L	50	62.3	125	70-130	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

LABORATORY CONTROL SAMPLE: 678924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	94.3	94	70-144	
4-Chlorotoluene	ug/L	50	56.4	113	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-140	
Acetone	ug/L	100	94.0	94	50-175	
Benzene	ug/L	50	54.4	109	70-130	
Bromobenzene	ug/L	50	51.7	103	70-130	
Bromochloromethane	ug/L	50	52.3	105	70-130	
Bromodichloromethane	ug/L	50	54.3	109	70-130	
Bromoform	ug/L	50	53.0	106	70-130	
Bromomethane	ug/L	50	34.3	69	54-130	
Carbon tetrachloride	ug/L	50	55.0	110	70-132	
Chlorobenzene	ug/L	50	54.2	108	70-130	
Chloroethane	ug/L	50	42.4	85	64-134	
Chloroform	ug/L	50	51.7	103	70-130	
Chloromethane	ug/L	50	37.6	75	64-130	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	70-131	
cis-1,3-Dichloropropene	ug/L	50	54.6	109	70-130	
Dibromochloromethane	ug/L	50	53.2	106	70-130	
Dibromomethane	ug/L	50	55.9	112	70-131	
Dichlorodifluoromethane	ug/L	50	28.1	56	56-130	
Diisopropyl ether	ug/L	50	47.3	95	70-130	
Ethylbenzene	ug/L	50	56.9	114	70-130	
Hexachloro-1,3-butadiene	ug/L	50	55.0	110	70-130	
m&p-Xylene	ug/L	100	114	114	70-130	
Methyl-tert-butyl ether	ug/L	50	51.2	102	70-130	
Methylene Chloride	ug/L	50	45.6	91	63-130	
Naphthalene	ug/L	50	54.3	109	70-138	
o-Xylene	ug/L	50	54.2	108	70-130	
p-Isopropyltoluene	ug/L	50	55.1	110	70-130	
Styrene	ug/L	50	55.9	112	70-130	
Tetrachloroethene	ug/L	50	55.4	111	70-130	
Toluene	ug/L	50	55.8	112	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	70-132	
Trichloroethene	ug/L	50	58.9	118	70-130	
Trichlorofluoromethane	ug/L	50	43.4	87	62-133	
Vinyl acetate	ug/L	100	81.8	82	66-157	
Vinyl chloride	ug/L	50	42.9	86	69-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 679648 679649

Parameter	Units	92104715008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	62.2	59.9	124	120	70-166	4	
Benzene	ug/L				58.7	57.7				2	
Chlorobenzene	ug/L				60.3	60.0				1	
Toluene	ug/L				57.6	57.7				0	
Trichloroethene	ug/L	ND	50	50	55.0	54.6	110	109	69-151	1	
1,2-Dichloroethane-d4 (S)	%						104	105	70-130		
4-Bromofluorobenzene (S)	%						96	96	70-130		
Dibromofluoromethane (S)	%						110	111	70-130		
Toluene-d8 (S)	%						93	92	70-130		

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QUALITY CONTROL DATA

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

QC Batch: PMST/4278 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92104947001, 92104947002, 92104947003, 92104947004

SAMPLE DUPLICATE: 677131

Parameter	Units	92104904016 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	26.4	25.8	2	

SAMPLE DUPLICATE: 677132

Parameter	Units	92104908006 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	40.0	39.5	1	

QUALIFIERS

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GOLDSBORO MILLING 72117082
Pace Project No.: 92104947

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92104947001	**SB-1**	EPA 3546	OEXT/15279	EPA 8015 Modified	GCSV/10706
92104947002	**SB-5**	EPA 3546	OEXT/15279	EPA 8015 Modified	GCSV/10706
92104947003	**SB-8**	EPA 3546	OEXT/15279	EPA 8015 Modified	GCSV/10706
92104947004	**SB-9**	EPA 3546	OEXT/15279	EPA 8015 Modified	GCSV/10706
92104947001	**SB-1**	EPA 5035A/5030B	GCV/5460	EPA 8015 Modified	GCV/5461
92104947002	**SB-5**	EPA 5035A/5030B	GCV/5460	EPA 8015 Modified	GCV/5461
92104947003	**SB-8**	EPA 5035A/5030B	GCV/5460	EPA 8015 Modified	GCV/5461
92104947004	**SB-9**	EPA 5035A/5030B	GCV/5460	EPA 8015 Modified	GCV/5464
92104947005	**GW-1**	EPA 3510	OEXT/15329	EPA 8270	MSSV/5639
92104947006	**GW-2**	EPA 3510	OEXT/15329	EPA 8270	MSSV/5639
92104947007	**GW-3**	EPA 3510	OEXT/15329	EPA 8270	MSSV/5639
92104947008	**GW-4**	EPA 3510	OEXT/15329	EPA 8270	MSSV/5639
92104947005	**GW-1**	EPA 8260	MSV/17083		
92104947006	**GW-2**	EPA 8260	MSV/17083		
92104947007	**GW-3**	EPA 8260	MSV/17108		
92104947008	**GW-4**	EPA 8260	MSV/17083		
92104947001	**SB-1**	ASTM D2974-87	PMST/4278		
92104947002	**SB-5**	ASTM D2974-87	PMST/4278		
92104947003	**SB-8**	ASTM D2974-87	PMST/4278		
92104947004	**SB-9**	ASTM D2974-87	PMST/4278		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1406729

Section A Required Client Information:

Company: Terracon
Address: 314 Beacon Dr. Winterville, NC
Email To: Kamccoll@terracon.com
Phone: 252-353-1600 Fax:
Requested Due Date/TAT: 5 day TAT

Section B Required Project Information:

Report To: Allen McColl
Copy To:
Purchase Order No.:
Project Name: Goldsboro Milling
Project Number: 72117082

Section C Invoice Information:

Attention: Allen McColl
Company Name: Same as AFB
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	5030	3550	8260	8270 PAHs DAY	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-1					10/20/11	11:00		4	X						X			X	X					92104947001
2	SB-5						2:15		4	X						X			X	X					002
3	SB-8						3:05		4	X						X			X	X					003
4	SB-9						3:50		4	X						X			X	X					004
5	GW-1						1:20			X			X								X	X			
6	GW-2						1:50			X			X								X	X			
7	GW-3						3:00			X			X								X	X			
8	GW-4						4:15			X			X								X	X			
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
5 day. Turn Please					10/21/11	0930	2.1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Allen McColl

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 10/21/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.