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NC Registered Engineering Firm F-1078

April 9, 2012

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FRO

Mr. P. Sean Boyles, P.G.
NCDENR-Division of Waste Management
Inactive Hazardous Sites Branch
225 Green Street, Suite 714
Fayetteville, North Carolina 28305

Reference: Limited Site Assessment Report
Sale Ford Automotive Service Center Site
1145 Hwy 258 North
Kinston, Lenoir County, North Carolina
ECS Project No. 22-17225

Dear Mr. Boyles:

ECS Carolinas, LLP (ECS) is pleased to provide the following report entitled "Limited Site Assessment" for the Sale Ford Automotive Service Center in Kinston, NC. ECS was retained by Mr. Daniel Sale/Sale Ford to assist with addressing the October 13, 2011 Notice of Regulatory Requirements for Contaminant Assessment and Cleanup (Notice). We are providing the Branch with this report of findings describing the actions undertaken to voluntarily comply with the requirements of the Notice.

Mr. Sale acquired the property in 2003 and informs us that no sources of chlorinated solvents, particularly perchloroethylene (PCE), have been used, stored, handled, or disposed on the site. A September 23, 2012 Terracon Limited Site Investigation tentatively identified two areas of the site exhibiting the presence of PCE exceeding regulatory thresholds. To confirm Terracon's findings, ECS installed six soil borings and six temporary monitoring wells immediately adjacent to the two areas previously identified by Terracon. The objective of these borings and temporary wells was to bracket Terracon's previous sample locations and determine the presence and/or relevant extent of soil or groundwater impacts. The Terracon LSI stated that groundwater samples from GW-2 and GW-5 contained PCE concentrations of 13.8 and 1.1 ppm, respectively.

Adjacent to each of these two areas (GW-2 and GW-5), ECS collected three confirmatory soil samples from the vadose zone. A total of six soil samples were analyzed for VOC's using EPA Method 8260. In addition, three confirmatory groundwater samples were collected from each location using Hydropunch™ insitu sampling methods. The groundwater samples were collected from the fully saturated zone of the surficial aquifer. The groundwater sample were collected from depths were approximately 12 to 16 feet below grade and were analyzed for VOC's using EPA Method 8260.

Laboratory analytical results for all soil and groundwater samples did not detect any concentration of VOC's including PCE or any other organic compounds.

7211 Ogden Business Park, Suite 201, Wilmington, NC 28411 • T: 910-686-9114 • F: 910-686-9666 • www.ecslimited.com
ECS Capitol Services, PLLC • ECS Carolinas, LLP • ECS Florida, LLC • ECS Midwest, LLC • ECS Mid-Atlantic, LLC • ECS Southeast, LLC • ECS Texas, LLP

In addition, ECS assessed soil gas vapor at each of the six boring locations by collecting representative samples at one-foot increments continuously through the 16 foot deep borings. Of the 96 soil samples evaluated for the presence of organic soil gas vapor in these borings, no organic vapor was detected in any sample above 1 ppm. From the gas vapor assessment, there is no indication that soil or groundwater has been impacted by PCE or other organic compounds in the two subject areas evaluated.

To assess potential active or inactive sources of chlorinated solvents, ECS conducted a geophysical survey of the two subject locations. The geophysical survey did not reveal field signatures or anomalies indicating the presence of sub-grade sources that could contribute to potential chlorinated solvent contamination. Sources including UST's, drums, oil/water separators, floor drains, conduits, pipes, buried ferrous containers, or debris were not detected during the survey of each subject area.

Based on the data collected in our investigation, ECS is of the opinion that the findings presented by the Terracon LSI are not representative of site conditions and may represent errors caused by sampling protocol, decontamination protocol, or due to laboratory artifacts. In any case, ECS produced multiple data points including groundwater, soil, and soil gas vapor results that did not support the findings in Terracon's report. Therefore, ECS recommends that the NOV issued by the IHSB be rescinded and that a no further action (NFA) letter be issued for the site.

If you have any questions concerning the data provided in the enclosed report, or wish to discuss the project further, please feel free to contact us at (910)-686-9114.

Sincerely,

ECS CAROLINAS, LLP

Rudy Smithwick

Rudy A. Smithwick, P.G.
Senior Geologist

John Stewart /RSM

John Stewart, P.G./RSM
Principal Geologist

CC: Mr. Daniel K. Sale

1.0 BACKGROUND INFORMATION

The Sale Ford Automotive Dealership is located at 1145 U.S. Highway 258 North, Kinston, Lenoir County, North Carolina (Figure 1). The site includes a new automobile sales office and auto service center.

The facility received a Notice of Regulatory Requirements for Containment, Assessment and Cleanup (Notice) issued by the North Carolina Department of Environment and Natural Resources (NCDENR), Inactive Hazardous Sites Branch (IHSB) on October 13, 2011. The Notice was sent due to findings contained in a report entitled "Limited Site Investigation and Soil Excavation Report" (LSI) dated September 23, 2011 prepared by Terracon Consultants, Inc. (Terracon). The Notice from the IHSB was based on the analysis of two groundwater samples collected by Terracon and identified as SB-3/GW-2 and SB-13/GW-5. The Terracon samples were analyzed for volatile organic compounds (VOCs) and perchloroethylene (PCE) was detected in the groundwater samples from SB-3/GW-2 and SB-13/GW-5 at concentrations of 13.8 ug/L and 1.1 ug/l, respectively, which are above regulatory limits specified by NCAC, Title 15A, Subchapter 2L, "Groundwater Quality Standards" (2L Standards). The site investigation work undertaken by Terracon was performed due to lender imposed requirements by the facility's bank. Terracon recommended that Mr. Sale forward a copy of the report to the NCDENR for their review, which he did.

Mr. Sale requested that ECS perform a site visit on October 22, 2012 to discuss the Notice from the IHSB and to review the Terracon findings. ECS was retained by Mr. Sale to review the Terracon findings and to provide the IHSB with a follow-up response. ECS's investigation initially included an inventory of active or inactive sources of chlorinated solvents existing at the site. Mr. Sale and service department staff were interviewed concerning the use of solvents in relation to the business practices performed at the site. They reported that no sources of chlorinated hydrocarbons (specifically PCE) are stored, used, disposed, or handled on the site particularly in the vicinity of the Terracon samples SB-3/GW-2 and SB-13/GW-5. Mr. Sale informed ECS that his operation has not used chlorinated solvents since the time the property was purchased in 2003. For cleaning purposes, he reported they only use bio-degradable detergents including "Natural Orange" and "Purple Power." The facility also uses a brake cleaner product that is reported to be non-chlorinated containing. Since chlorinated solvents have not been used at the facility since 2003, no active or inactive sources of PCE have been identified.

Apparent groundwater impacts reported by Terracon in the vicinity of SB-3/GW-2 were initially attributed to a former waste-oil underground storage tank (UST), reported to have been located on the southeast exterior side of the repair shop. The tank was reported to have been closed and removed from that area in 1993 by the former dealership owner, Mr. Herman Harper. It also should be noted that the Terracon report incorrectly depicts the location of the former tank basin. The sample location denoted by Terracon as SB-3/GW-2 in Figure 2 of the LSI is incorrectly depicted and is actually found approximately 25 feet west of the area shown in Figure 2 of the LSI. ECS confirmed this error through field observations, measurements, and identifying the location of the actual concrete core patch used to close that boring in the asphalt surfacing. Aside from this discrepancy, in the vicinity of the SB-13/GW-5 sample (1.1 ug/L of PCE detected), no sources of chlorinated solvents have been identified through evaluation of historical facility records, interviews with the facility, or by ECS during onsite inspections. ECS is

providing the enclosed Figure 2 illustrating the actual location of the former UST and the location of Terracon's sample SB-3/GW-2.

ECS notified the IHSB on October 13, 2011 of plans to conduct additional assessment actions in regard to the Notice sent by the Branch and to confirm Terracon's initial findings. ECS forwarded the letter to the IHSB on October 27, 2011 advising that no sources of chlorinated solvent contamination (active or inactive) were identified through inspection of the facility and inquiry with persons knowledgeable of the operation. The letter from ECS also advised the IHSB that additional actions would be undertaken to evaluate the conditions of apparent groundwater contamination specifically in the vicinity of SB-3/GW-2 and SB-13/GW-5. The IHSB provided no written response to Mr. Sale or ECS from that letter. In November 2011, ECS contacted Mr. Sean Boyles via phone to confirm that the Branch received ECS's letter notifying the IHSB of plans to perform further evaluation of Terracon's findings. Mr. Boyles confirmed receipt of ECS's October 27, 2011 update. Mr. Boyles was informed by ECS that our plan was to install a series of three borings proximate to and bracketing each of the two Terracon locations (SB-3/GW-2 and SB-13/GW-5) and collect confirmatory soil and groundwater samples. This objective was to confirm Terracon's initial findings and also give additional definition as to the spatial extent of groundwater or soil impacts. Mr. Boyles indicated that the proposed course of action was reasonable and in addition, requested that a potential receptor survey be included in our workscope.

On February 6, 2012 ECS received a telephone call from Sean Boyles of IHSB requesting an update of progress. A written response letter from ECS dated February 8, 2012 was forwarded to Mr. Boyles advising that the work had not yet been initiated. ECS also advised Mr. Boyles of the plan and schedule to conduct the limited soil and groundwater sampling described above. Mr. Sale authorized ECS to proceed on February 17, 2012 with the proposed Limited Site Assessment. The following report contains ECS's field methods, field sampling results, findings, and analytical results of the February 22, 2012 limited soil/groundwater sampling.

2.0 FIELD ACTIVITIES

2.1 Geophysical Survey

On February 21, 2012, ECS personnel performed a geophysical investigation in the two aforementioned areas identified by Terracon as SB-3/GW-2 and SB-13/GW-5. The survey focused on the areas where the ECS borings and sampling locations were proposed. The geophysical survey was performed to identify subsurface hazards prior to boring advancement using a Geoprobe®. Geophysical surveys are useful in locating subsurface anomalies indicative of dense buried objects (mainly ferrous materials) including USTs, drums, oil/water separators, septic systems, conduits, utilities, or buried debris that may be present in areas proposed for soil borings.

ECS used a Geophysical Survey Systems, Inc.-SIR-3000 Ground Penetrating Radar (GPR) system with a 400 MHz antenna to scan the proposed soil boring area. GPR is a non-invasive tool used for exploring and "mapping" the subsurface, noting anomalies and dense materials in the subsurface. In general, the GPR works by emitting a pulse of energy into the substrate where it "reflects" back at varying strengths and times dependent upon the material, density, etc. When the signals are received by the instrument, they are digitally stored and computed to generate a 2-D cross-sectional view of the underlying material.

In the two target locations of the geophysical survey adjacent to SB-3/GW-2 and SB-13/GW-5, the geophysical survey did not reveal field signatures that would indicate the presence of anomalies that could be sources for potential contamination including UST's, drums, oil/water separators, floor drains, conduits, pipes, or buried ferrous containers, or debris. In addition to the GPR survey, ECS also contacted ULOCO One Call Locate to assist in identifying site utilities in the proposed work zone prior to drilling activities.

2.2 Soil Borings

On February 22, 2012, ECS advanced six soil borings (ECS/SB-1 through ECS/SB-6) to approximately 16 feet below ground surface (BGS) using a Geoprobe® rig. The location of the borings are illustrated in Figure 3. The borings were advanced to investigate the two areas of reported PCE groundwater contamination identified in the Terracon LSI. According to The Terracon report, apparent concentrations of PCE in ground water was detected exceeding the NCAC, Subchapter 2L, Groundwater Quality Standards. To address each area of apparent PCE contamination, ECS advanced two sets of borings in a triangular configuration bracketing each of the previous Terracon sample locations. The first set of borings were advanced within the service building in the east-northeastern most service bay. The second set of borings were advanced on the southside of the service building just outside the 5th service bay and within the former tank pit of the area reported to have contained a waste oil UST (see Figure 3).

Soil samples were collected continuously from the ground surface to the boring terminal depths. The Geoprobe® rig uses a hydraulic hammer mounted on an All Terrain Vehicle. The Geoprobe® is capable of hydraulically advancing soil sampling probes into the ground at depths until refusal is encountered. The Geoprobe® subcontractor used for this project was Mid-Atlantic Drilling, Inc. (MAD) of Wilmington, NC. Soil samples were collected by using hydraulic push methods to advance a 4-foot long, 1.5-inch sampling probe into the soil. The probe rod was lined with a disposable clear acetate tube which was replaced at each 4-foot interval. After the probe rod was advanced, the clear acetate tube filled with soil and was then removed from the rod. The clear acetate tube was then cut using a razor knife to remove the soil column.

2.3 Soil Sampling

Soil samples were collected continuously from each of the six borings (SB-1 to SB-6) from the ground surface to the boring terminal depth using the methods described above. The borings were advanced to 16 feet below ground surface, which was approximately 4 to 6 feet below the water table. Boring logs were prepared for each soil boring and are included in Appendix A.

A representative portion of the soil samples was collected from each one foot interval of the Geoprobe® soil sample tube and transferred to a new, clean resealable polyethylene bag and allowed to sit undisturbed for approximately 20 minutes at an ambient outdoor temperature of approximately 65° Fahrenheit to reach equilibrium. After which, the bag was opened slightly and the probe of a MiniRae 2000 photo ionization detector (PID) with 10.6 eV lamp was inserted. The PID was monitored for response to soil headspace analysis and the corresponding reading recorded. The recorded PID responses and soil descriptions are presented on the boring logs included in Table 1.

Soil samples were collected based on field observations and were limited in vertical extent depending on the depth to the groundwater table. One confirmatory sample was collected from each of the six borings from approximately one foot above the water table. The field geologist, wearing a new pair of nitrile gloves, placed the soil samples in laboratory prepared containers. Each container was labeled and placed in an iced cooler to maintain the samples at

approximately 4° Celsius. Samples were then submitted to Pace Analytical Services, Inc., a North Carolina certified laboratory located in Huntersville, North Carolina. The soil samples were analyzed for volatile organic compounds (VOCs) using SW-846, EPA Method 8260. Chain of custody records were maintained throughout the sample collection and transportation process to assure sample integrity and are included in Appendix B.

The Geoprobe sampling device and rods were decontaminated between borings using a high-pressure steam cleaner between each boring. This measure provided quality assurance/quality control to ensure that cross contamination did no occur between boring locations.

2.4 Groundwater Sampling

One groundwater sample was collected from each of the six borings using an in-situ groundwater sampling point (Hydropunch™). The Hydropunch™ sampling point was advanced to a terminal depth of approximately 16 feet bgs. The locations of the groundwater samples are illustrated in Figure 3. The Hydropunch™ sampling point consist of stainless steel 5-foot stainless steel rod outfitted with an internal concealed 18" retractable screen. The sampling point is advanced such that it is fully saturated below the water table and then retracted upward slightly to expose the screen to groundwater. The depth to groundwater was measured at each boring after allowing approximately 10 minutes for equilibration. This measurement is recorded on the boring logs. The water table depth was measured at each boring and a purge volume equivalent to three annular space volumes was calculated. Prior to sampling, each boring was purged a minimum of three casing volumes to obtain representative groundwater samples. Groundwater samples were collected using a peristaltic pump, disposable tubing, and low flow sampling methods for sample collection.

The field geologist, wearing a new pair of nitrile gloves, placed the groundwater samples in laboratory prepared glassware. Each container was labeled and placed in an iced cooler to maintain the samples at approximately 4° Celsius. Samples were then submitted to Pace Analytical Services, Inc., a North Carolina certified laboratory located in Huntersville, North Carolina. The groundwater samples were analyzed for volatile organic compounds (VOCs) using SW-846, EPA Method 8260. Chain of custody records were maintained throughout the sample collection and transportation process and are included in Appendix B.

The Geoprobe sampling device, Hydropunch™ tips, screens, and rods were decontaminated between borings using a high-pressure steam cleaner. This measure provided quality assurance/quality control to ensure that cross contamination did no occur between boring locations.

3.0 LABORATORY ANALYSIS

3.1 Soil Analytical Results

The analytical results reported by Pace Analytical Laboratory indicate that no volatile organic compounds were detected in any of the soil samples collected. ECS's sample B-1 through B-6 were each confirmed to have no detectable concentrations of chlorinated compounds by lab analyses. In addition, soil headspace analysis of samples collected by ECS in the field from each boring location also showed no concentrations of total organic vapor above 1 part per million (ppm). From this field and analytical data, there is no indication that chlorinated organic compounds are present in soils within the areas targeted during ECS's Limited Site Assessment. The laboratory results are presented in Appendix B.

3.2 Groundwater Analytical Results

At each boring location, ECS collected one confirmatory groundwater sample for volatile organic compounds. Groundwater samples are denoted as ECS/GW-1 through ECS/GW-6. Each groundwater sample was collected from within the fully saturated zone approximately four to five feet below the upper surface of the watertable.

A total of six groundwater samples were collected for laboratory analysis during this Limited Site Assessment. The analytical results indicate that no volatile organic compounds were detected in any of ECS's groundwater samples collected. From this data, there is no indication that chlorinated organic compounds are present in groundwater within the areas targeted during ECS's Limited Site Assessment. The laboratory results are presented in Appendix B.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Soil and groundwater conditions in two areas of the site, identified in a September 23, 2012 Terracon LSI, were targeted by ECS to confirm the presence and concentration of PCE. ECS installed six soil borings in a triangular bracket configuration immediately surrounding the areas previously identified by Terracon. The objective of ECS's borings surrounding Terracon's previous sample locations was to assess the presence and relevant extent of soil or groundwater impacts, if any. According to the Terracon LSI, groundwater samples GW-2 and GW-5 were collected from the two locations in and adjacent to the repair shop and were analyzed for volatile organic compounds. The Terracon LSI indicates that these two samples were found to contain PCE concentrations of 13.8 and 1.1 ppm, respectively.

ECS assessed each of the two target areas by advancing three borings in each location. At each target area, ECS collected three confirmatory soil samples in the vadose zone from approximately one foot above saturated soil conditions. A total of six soil samples were analyzed for VOC's using EPA Method 8260. In addition, at each target location, three confirmatory groundwater samples were collected using insitu sampling methods. The groundwater samples collected using Hydropunch™ allowed for insitu samples to be collected from within the fully saturated zone of the surficial aquifer. The groundwater sample depths were in a zone form approximately 12 to 16 feet below grade. The groundwater samples collected by ECS were analyzed for VOC's using EPA Method 8260.

Laboratory analytical results for soil and groundwater samples collected did not detect any concentration of VOC's including PCE. Twelve soil and groundwater samples were collected from the two target areas adjacent to the former Terracon sample locations. No indication of PCE or any other regulated organic compounds were detected.

In addition, soil gas vapor was assessed at each of the six boring locations by collecting representative samples at one foot increments throughout the 16 foot deep soil column. Of the 96 soil samples evaluated for soil gas from one-foot zones within the boring, no organic vapor was detected in any sample above 1 ppm. From the gas vapor assessment, there is no indication that soil or groundwater has been impacted by PCE or other organic compounds within the subject area.

Measures were taken to assess potential active or inactive sources of chlorinated solvent contamination by implementing a geophysical survey of the two target locations (adjacent to SB-3/GW-2 and SB-13/GW-5). The geophysical survey methods did not reveal any field

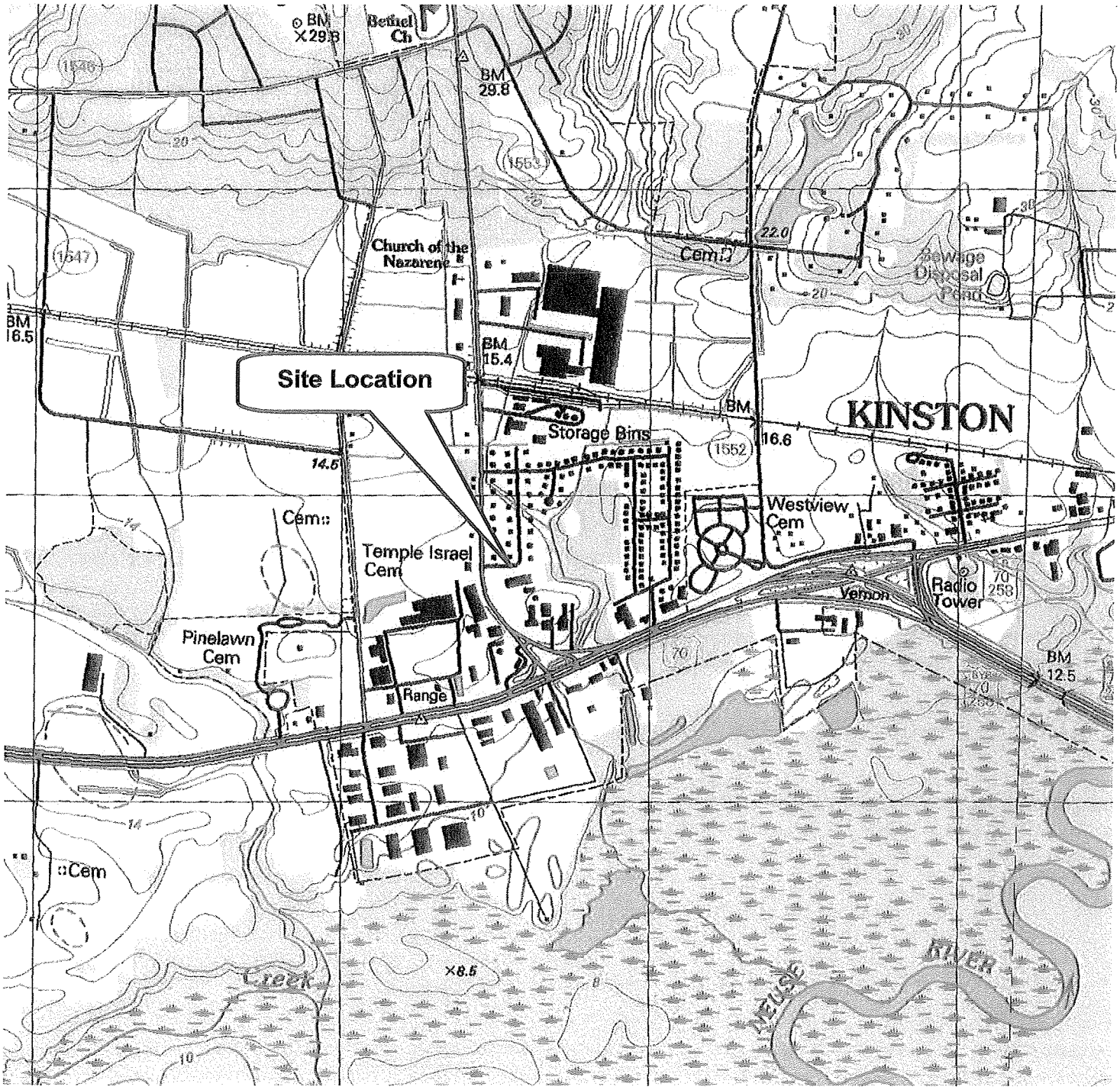
signatures or anomalies indicating the presence of sub-grade sources for potential contamination. No potential sources of contamination were identified including UST's, drums, oil/water separators, floor drains, conduits, pipes, or buried ferrous containers, or debris that could contribute to soil or groundwater contamination by chlorinated organic solvents. In addition to the GPR survey, persons knowledgeable about site operations since 2003 reported that the facility has not used, stored, handled, or disposed of chlorinated cleaning products. ECS's inspection of the facility did not identify the presence of sources of chlorinated solvents being used or stored on site as well.

Based on the above findings, ECS recommends that a copy of this report be forwarded to the IHSB for review and acceptance. In addition, the data provided in this report refutes the earlier results reported by Terracon; therefore on behalf of Sale Ford, ECS recommends that the NOV issued by the IHSB be rescinded and that the IHSB issue a no further action (NFA) letter for the site.

5.0 QUALIFICATIONS OF REPORT

The methods and evaluative approaches used in this limited assessment are consistent with those normally employed in the environmental engineering industry in performing soil and groundwater assessment projects of this type. Our evaluation of site conditions has been based on our understanding of the site information and the data derived during our field activities.

FIGURES



SCALE

0 — 0.5 Mi

0 — 2000 Ft

N
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S

SOURCE

United States Geological Survey 7.5-Minute Series Topographic Map:
Falling Creek
Contour = 2 meters
2001

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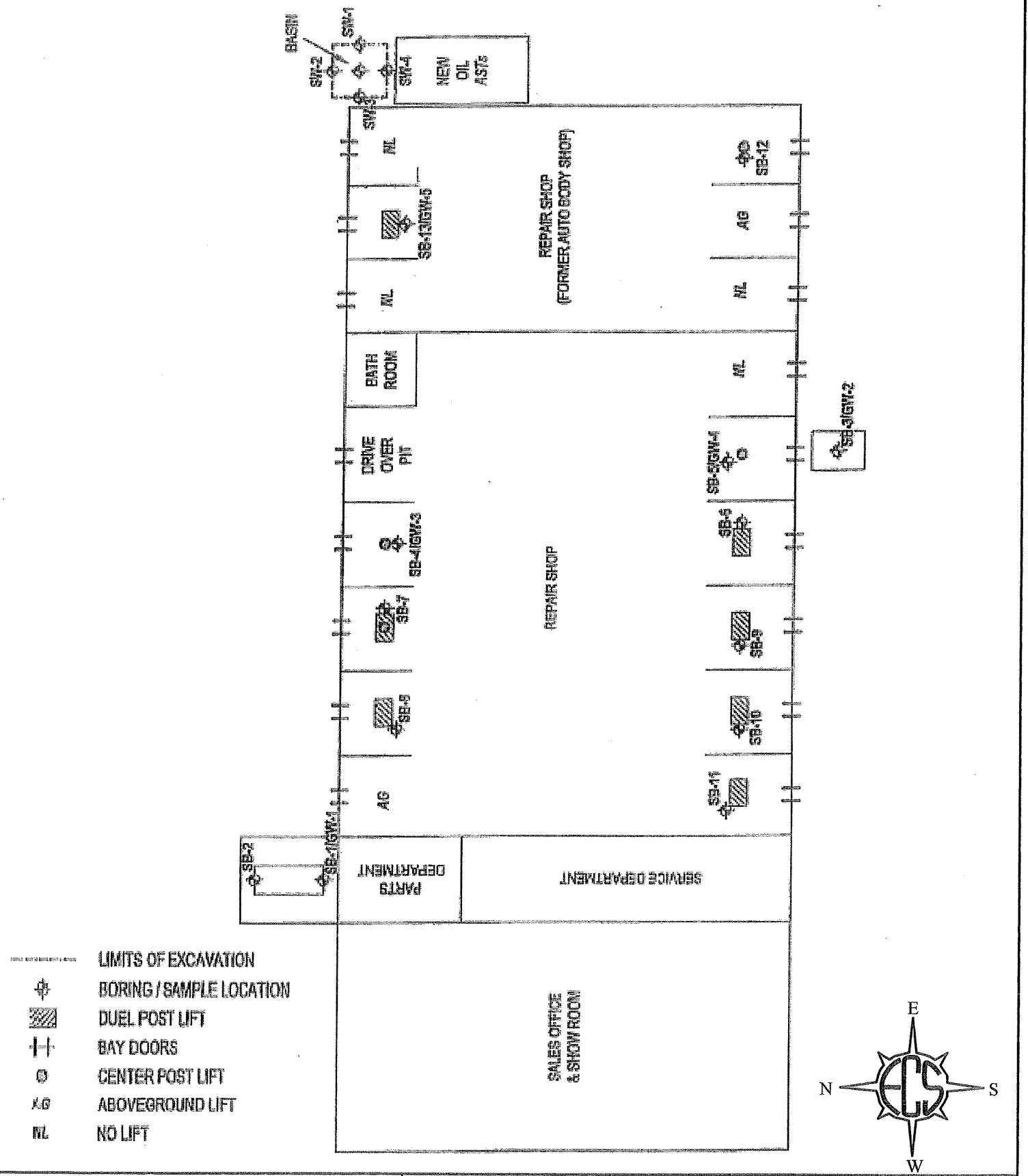
FIGURE 1
SITE LOCATION MAP
Sale Ford Auto Repair Shop
1145 U.S. Highway 258 North
Kinston, North Carolina
ECS PROJECT NO. 22-17462



BASE FIGURE

Limited Site Investigation and Soil Excavation Services Report
By Terracon
September 2011

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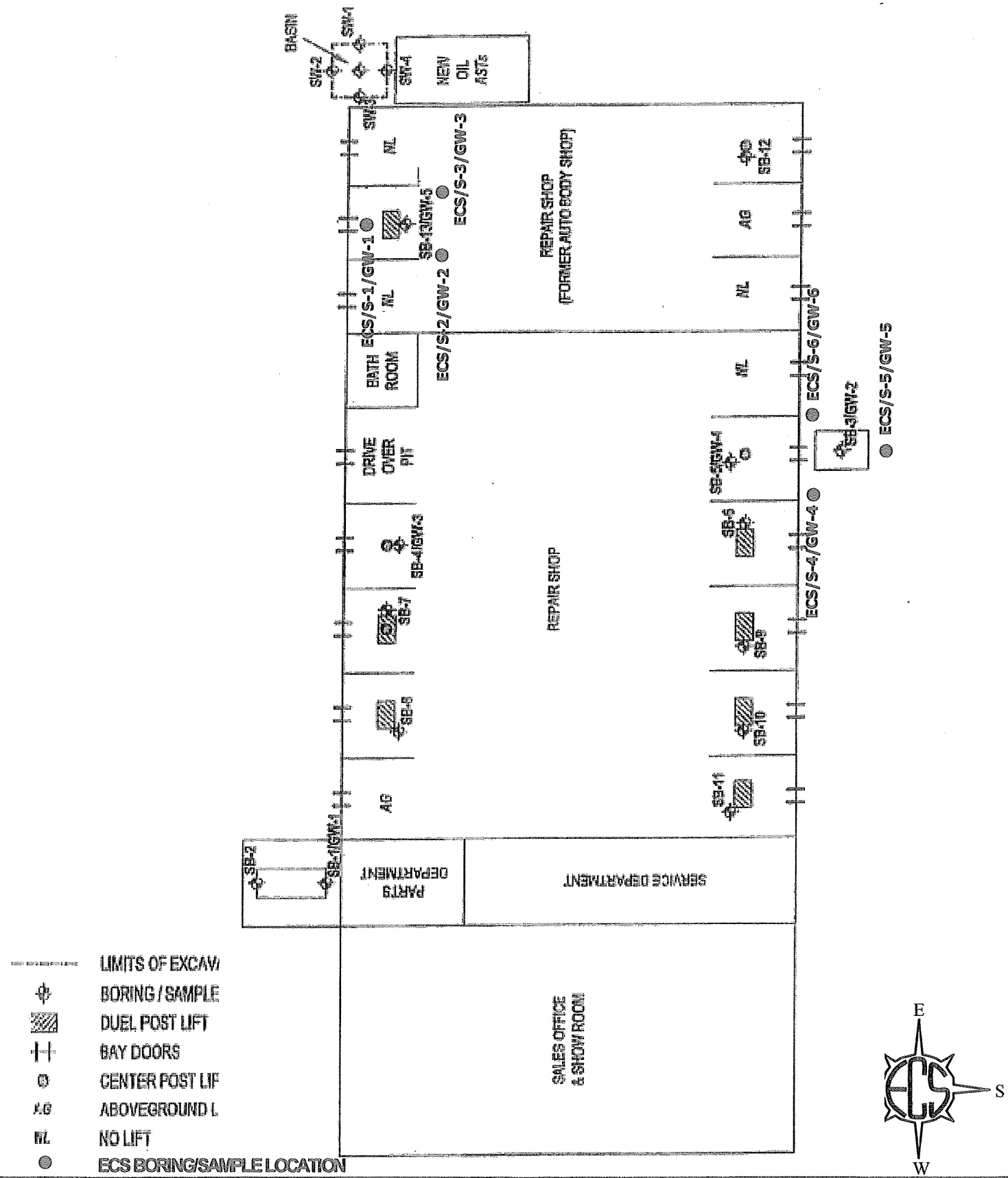
FIGURE 2
TERRACON SAMPLE LOCATION MAP
Sale Ford Auto Repair Shop
1145 U.S. Highway 258 North
Kinston, North Carolina
ECS PROJECT NO. 22-17462



BASE FIGURE

Limited Site Investigation and Soil
Excavation Services Report
By Terracon
September 2011

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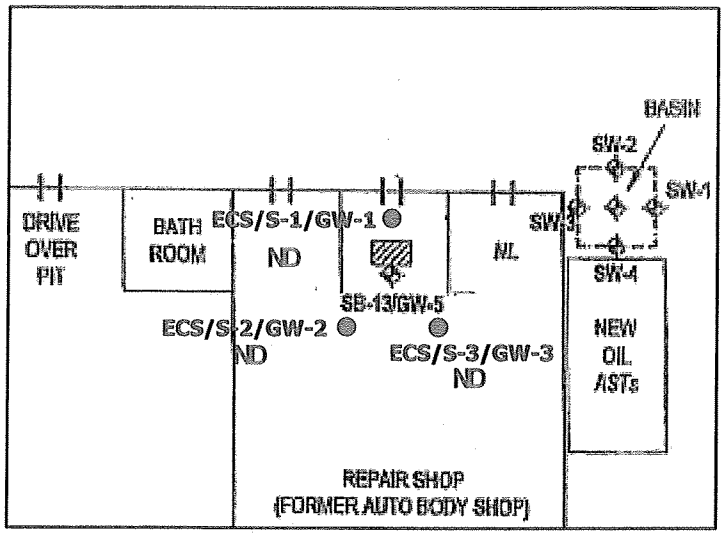
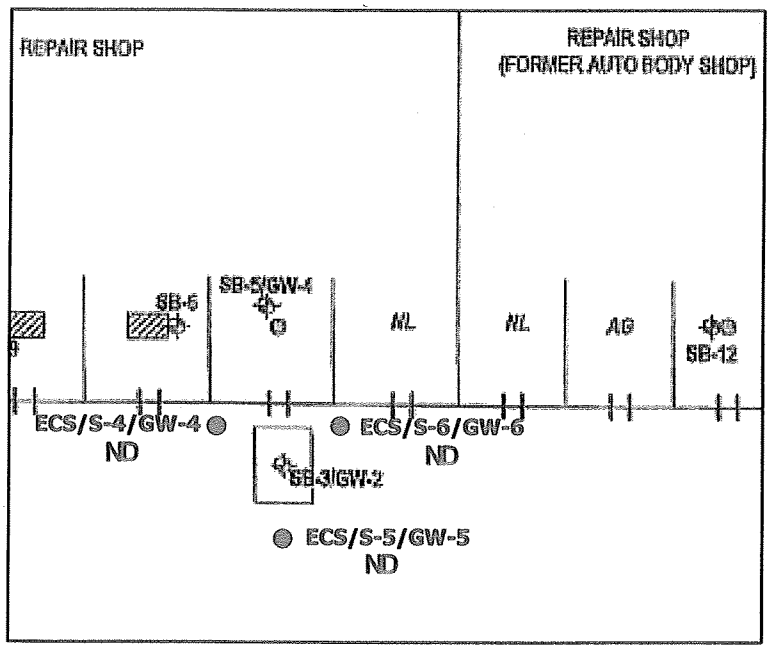
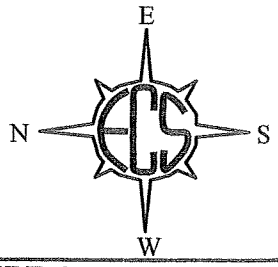
FIGURE 3
ECS SAMPLE LOCATION MAP
Sale Ford Auto Repair Shop
1145 U.S. Highway 258 North
Kinston, North Carolina
ECS PROJECT NO. 22-17462





LIMITS OF EXCAVATION
BORING / SAMPLE LOCATION
DUEL POST LIFT
BAY DOORS
CENTER POST LIFT
AG ABOVEGROUND LIFT
NL NO LIFT
ECS BORING/SAMPLE LOCATION
ND PCE CONCENTRATION



BASE FIGURE

Limited Site Investigation and Soil Excavation Services Report
By Terracon
September 2011

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FIGURE 4
ECS SAMPLE RESULTS FOR PCE
Sale Ford Auto Repair Shop
1145 U.S. Highway 258 North
Kinston, North Carolina
ECS PROJECT NO. 22-17462

TABLES

Table 1
Soil PID Results
Sale Ford Automotive Service Building
1145 U.S. Highway 258 North
Kinston, Lenoir County, North Carolina
ECS Project No. 22-17462

	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
Date Sample Collected	2/22/2012	2/22/2012	2/22/2012	2/22/2012	2/22/2012	2/22/2012
Sample Depth (ft bgs)	PID Results in ppm					
0-1	0.4	0.7	0.4	0.2	0.3	0.7
1-2	0.3	0.8	0.5	0.2	0.2	0.7
2-3	0.2	0.4	0.4	0.4	0.2	0.6
3-4	0.2	0.4	0.4	0.5	0.2	0.4
4-5	0.2	0.2	0.3	0.4	0.5	0.5
5-6	0.2	0.2	0.3	0.4	0.7	0.8
6-7	0.2	0.2	0.3	0.2	0.5	0.8
7-8	0.2	0.2	0.2	0.4	0.3	0.9
8-9	0.4	0.2	0.4	0.3	0.2	0.7
9-10	0.2	0.2	0.4	0.4	0.3	1.0
10-11	0.2	0.2	0.3	0.4	0.2	1.0
11-12	0.2	0.2	0.3	0.3	0.2	0.2
12-13	0.2	0.2	0.4	0.7	0.5	0.7
13-14	0.2	0.2	0.3	0.4	0.4	0.6
14-15	0.2	0.2	0.4	0.3	0.3	0.4
15-16	0.2	0.2	0.2	0.5	0.2	0.4

APPENDIX A

CLIENT	JOB #	BORING #	SHEET
Mr. Dan Sale	22-17462	ECS/S-1	1 OF 1

PROJECT NAME	GEOLOGIST-ENGINEER
Sale Ford	Rudy Smithwick

SITE LOCATION
1145 U.S. Highway 258 North, Kinston, North Carolina

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DEPTH (ft)	SAMPLE TYPE G=Grab C=Composite	SAMPLE DISTANCE (ft)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : 47 FEET ABOVE MSL	WATER LEVEL (feet below land surface)	PID READINGS (ppm)
		12		Tan, medium sand with ABC stone; FILL		0.4
		12		Brown fine to medium SAND (SP)		0.3
		12		Brown fine to medium SAND with some silt (SM)		0.2
		12		Brown fine to medium SAND (SP)		0.2
5		12		Brown fine to medium SAND (SP)		0.2
		12		Brown fine to coarse SAND (SP)		0.2
		12		Brown fine to coarse SAND (SP)		0.2
		12		Brown fine to coarse SAND (SP)		0.2
		12		Brown fine to medium SAND (SP)		0.4
10	G	12		Light brown SAND (SP)	▼	0.2
		12		Light tan coarse SAND (SW)	10 ft	0.2
		12		Light tan coarse SAND (SW)		0.2
		12		Gray, light tan coarse SAND with CLAY zone (SW-ML)		0.2
		12		Gray, orange coarse SAND (SW)		0.2
15		12		Tan, orange coarse SAND (SW)		0.2
		12		Tan, orange coarse SAND (SW)		0.2
				TD = 16' bgs		
20						

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
2/22/2012	Geo Probe	Mid Atlantic Drilling	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Mr. Dan Sale	22-17462	ECS/S-2	1 OF 1

PROJECT NAME	GEOLOGIST-ENGINEER
Sale Ford	Rudy Smithwick

SITE LOCATION
1145 U.S. Highway 258 North, Kinston, North Carolina

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DEPTH (ft)	SAMPLE TYPE G=Grab C=Composite	SAMPLE DISTANCE (ft)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : 47 FEET ABOVE MSL	WATER LEVEL (feet below land surface)	PID READINGS (ppm)
		12		Brown fine to medium SAND (SM)		0.7
		12		Brown fine to medium SAND (SM)		0.8
		12		Brown fine to medium SAND (SP)		0.4
		12		Brown fine to medium SAND (SP)		0.4
5		12		Tan fine to medium SAND (SP)		0.2
		12		Brown medium to coarse SAND with gravels (SP)		0.2
		12		Light brown medium to coarse SAND (SP)		0.2
		12		Light brown fine to coarse SAND (SP)		0.2
		12		Brown fine to coarse SAND (SP)		0.2
10	G	12		Brown medium to coarse SAND (SP)		0.2
		12		Gray, light tan coarse SAND (SW)	▼ 11 ft	0.2
		12		Brown plastic CLAY with silt to gravel size SAND (ML-SW)		0.2
		12		Brown plastic CLAY with SILT (MH)		0.2
		12		Tan, orange coarse SAND (SW)		0.2
15		12		Tan, orange coarse SAND (SW)		0.2
		12		Light tan coarse SAND (SW)		0.2
				TD = 16' bgs		
20						

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
2/22/2012	Geo Probe	Mid Atlantic Drilling	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Mr. Dan Sale	22-17462	ECS/S-3	1 OF 1

PROJECT NAME	GEOLOGIST-ENGINEER
Sale Ford	Rudy Smithwick

SITE LOCATION
1145 U.S. Highway 258 North, Kinston, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE G=Grab C=Composite	SAMPLE DISTANCE (ft)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : 47 FEET ABOVE MSL	WATER LEVEL (feet below land surface)	PID READINGS (ppm)
		12		Brown fine to coarse SAND (SP)		0.4
		12		Brown fine to coarse SAND (SP)		0.5
		12		Brown fine to coarse SAND (SP)		0.4
		12		Brown fine to coarse SAND (SP)		0.4
5		12		Light tan fine to coarse SAND (SP)		0.3
		12		Light tan fine to coarse SAND (SP)		0.3
		12		Light tan fine to coarse SAND (SP)		0.3
		12		Light brown fine to coarse SAND (SP)		0.2
		12		Brown medium to coarse SAND (SP)		0.4
10	G	12		Brown fine to coarse SAND (SP)	▼	0.4
		12		Light tan fine to coarse SAND (SP)	10.5 ft	0.3
		12		Light tan fine to coarse SAND (SP)		0.3
		12		Light tan fine to coarse SAND (SP)		0.4
		12		Light tan fine to coarse SAND (SP)		0.3
15		12		Light tan coarse sand (SW)		0.4
		12		Tan coarse SAND (SW)		0.2
				TD = 16' bgs		
20						

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
2/22/2012	Geo Probe	Mid Atlantic Drilling	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Mr. Dan Sale	22-17462	ECS/S-4	1 OF 1

PROJECT NAME	GEOLOGIST-ENGINEER
Sale Ford	Rudy Smithwick

SITE LOCATION
1145 U.S. Highway 258 North, Kinston, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE G=Grab C=Composite	SAMPLE DISTANCE (ft)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : 47 FEET ABOVE MSL	WATER LEVEL (feet below land surface)	PID READINGS (ppm)
		12		Brown fine to medium SAND (SM)		0.2
		12		Tan fine to medium SAND (SM)		0.2
		12		Tan fine to medium SAND (SM)		0.4
		12		Tan fine to medium SAND (SM)		0.5
5		12		Brown medium to coarse SAND (SP)		0.4
		12		Light brown medium to coarse SAND (SP)		0.4
		12		Light brown medium to coarse SAND (SP)		0.2
		12		Light brown medium to coarse SAND (SP)		0.4
		12		Light tan fine to medium SAND (SP)		0.3
10	G	12		Light brown medium to coarse SAND (SP)	▼	0.4
		12		Gray, light tan coarse SAND (SW)	10 ft	0.4
		12		Gray, light tan coarse SAND (SW)		0.3
		12		Gray, light tan coarse SAND (SW)		0.7
		12		Gray, light tan coarse SAND (SW)		0.4
15		12		Gray, light tan coarse SAND (SW)		0.3
		12		Gray, light tan coarse SAND (SW)		0.5
				TD = 16' bgs		
20						

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
2/22/2012	Geo Probe	Mid Atlantic Drilling	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Mr. Dan Sale	22-17462	ECS/S-5	1 OF 1

PROJECT NAME	GEOLOGIST-ENGINEER
Sale Ford	Rudy Smithwick

SITE LOCATION
1145 U.S. Highway 258 North, Kinston, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE G=Grab C=Composite	SAMPLE DISTANCE (ft)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : 47 FEET ABOVE MSL	WATER LEVEL (feet below land surface)	PID READINGS (ppm)
		12		Tan fine to medium SAND with ABC stone (FILL)		0.3
		12		Light brown fine to medium SAND (SM)		0.2
		12		Brown fine to medium SAND (SM)		0.2
		12		Tan fine to medium SAND (SM)		0.2
5		12		Light brown medium to coarse SAND (SP)		0.5
		12		Brown fine to medium SAND (SP)		0.7
		12		Brown fine to medium SAND (SP)		0.5
		12		Brown fine to medium SAND (SP)		0.3
		12		Light tan fine to medium SAND (SP)		0.2
10	G	12		Brown medium to coarse SAND (SP)	▼ 10 ft	0.3
		12		Gray, light tan coarse SAND (SW)		0.2
		12		Gray, light tan coarse SAND (SW)		0.2
		12		Gray, light tan coarse SAND (SW)		0.5
		12		Gray, light tan coarse SAND (SW)		0.4
15		12		Gray, light tan coarse SAND (SW)		0.3
		12		Gray, light tan coarse SAND (SW)		0.2
				TD = 16' bgs		
20						

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
2/22/2012	Geo Probe	Mid Atlantic Drilling	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Mr. Dan Sale	22-17462	ECS/S-6	1 OF 1

PROJECT NAME	GEOLOGIST-ENGINEER
Sale Ford	Rudy Smithwick

SITE LOCATION
1145 U.S. Highway 258 North, Kinston, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE G=Grab C=Composite	SAMPLE DISTANCE (ft)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : 47 FEET ABOVE MSL	WATER LEVEL (feet below land surface)	PID READINGS (ppm)
		12		Tan fine to medium SAND with ABC stone (FILL)		0.7
		12		Brown medium SAND with SILT (SM)		0.7
		12		Tan fine to medium SAND (SM)		0.6
		12		Tan fine to medium SAND (SM)		0.4
5		12		Light brown fine to medium SAND (SP)		0.5
		12		Brown fine to medium SAND (SP)		0.8
		12		Light brown fine to medium SAND (SP)		0.8
		12		Brown fine to medium SAND (SP)		0.9
		12		Light tan fine to medium SAND (SP)		0.7
10	G	12		Light brown medium to coarse SAND (SP)	▼	1.0
		12		Gray, light tan coarse SAND (SW)	10.5 ft	1.0
		12		Gray, light tan coarse SAND (SW)		0.2
		12		Gray, light tan coarse SAND (SW)		0.7
		12		Gray, light tan coarse SAND (SW)		0.6
15		12		Gray, light tan coarse SAND (SW)		0.4
		12		Gray, light tan coarse SAND (SW)		0.4
				TD = 16' bgs		
20						

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
2/22/2012	Geo Probe	Mid Atlantic Drilling	Direct Push	

APPENDIX B

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

March 02, 2012

Rudy Smithwick
ECS
7211 Ogden Business Park
Suite 201
Wilmington, NC 28411

RE: Project: Sale Ford
Pace Project No.: 92112832

Dear Rudy Smithwick:
Enclosed are the analytical results for sample(s) received by the laboratory on February 24, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted 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,

Bonnie McKee

Bonnie McKee

bonnie.mckee@pacelabs.com
Project Manager

Enclosures

cc: Ms. Amy Conchas, ECS

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CERTIFICATIONS

Project: Sale Ford
Pace Project No.: 92112832

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: Sale Ford
Pace Project No.: 92112832

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92112832001	**SS-1**	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92112832002	**SS-2**	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92112832003	**SS-3**	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92112832004	**SS-4**	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92112832005	**SS-5**	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92112832006	**SS-6**	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92112832007	**GW-1**	EPA 8260	KJM	63	PASI-C
92112832008	**GW-2**	EPA 8260	KJM	63	PASI-C
92112832009	**GW-3**	EPA 8260	KJM	63	PASI-C
92112832010	**GW-4**	EPA 8260	KJM	63	PASI-C
92112832011	**GW-5**	EPA 8260	KJM	63	PASI-C
92112832012	**GW-6**	EPA 8260	KJM	63	PASI-C

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-1 **Lab ID: 92112832001** Collected: 02/22/12 09:55 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	85.4	1		03/01/12 20:09	67-64-1	
Benzene	ND	ug/kg	4.3	1		03/01/12 20:09	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		03/01/12 20:09	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		03/01/12 20:09	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		03/01/12 20:09	75-27-4	
Bromoform	ND	ug/kg	4.3	1		03/01/12 20:09	75-25-2	
Bromomethane	ND	ug/kg	8.5	1		03/01/12 20:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	85.4	1		03/01/12 20:09	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.3	1		03/01/12 20:09	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:09	108-90-7	
Chloroethane	ND	ug/kg	8.5	1		03/01/12 20:09	75-00-3	
Chloroform	ND	ug/kg	4.3	1		03/01/12 20:09	67-66-3	
Chloromethane	ND	ug/kg	8.5	1		03/01/12 20:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		03/01/12 20:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		03/01/12 20:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		03/01/12 20:09	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		03/01/12 20:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		03/01/12 20:09	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		03/01/12 20:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.5	1		03/01/12 20:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		03/01/12 20:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		03/01/12 20:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.3	1		03/01/12 20:09	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		03/01/12 20:09	87-68-3	
2-Hexanone	ND	ug/kg	42.7	1		03/01/12 20:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		03/01/12 20:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		03/01/12 20:09	99-87-6	
Methylene Chloride	ND	ug/kg	17.1	1		03/01/12 20:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.7	1		03/01/12 20:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		03/01/12 20:09	1634-04-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-1 **Lab ID: 92112832001** Collected: 02/22/12 09:55 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.3	1		03/01/12 20:09	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		03/01/12 20:09	103-65-1	
Styrene	ND	ug/kg	4.3	1		03/01/12 20:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		03/01/12 20:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		03/01/12 20:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		03/01/12 20:09	127-18-4	
Toluene	ND	ug/kg	4.3	1		03/01/12 20:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		03/01/12 20:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		03/01/12 20:09	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		03/01/12 20:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		03/01/12 20:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		03/01/12 20:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:09	108-67-8	
Vinyl acetate	ND	ug/kg	42.7	1		03/01/12 20:09	108-05-4	
Vinyl chloride	ND	ug/kg	8.5	1		03/01/12 20:09	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		03/01/12 20:09	1330-20-7	
m&p-Xylene	ND	ug/kg	8.5	1		03/01/12 20:09	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		03/01/12 20:09	95-47-6	
Surrogates								
Dibromofluoromethane (S)	123	%	70-130	1		03/01/12 20:09	1868-53-7	
Toluene-d8 (S)	103	%	70-130	1		03/01/12 20:09	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		03/01/12 20:09	460-00-4	
1,2-Dichloroethane-d4 (S)	128	%	70-132	1		03/01/12 20:09	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.5**	%	0.10	1		02/27/12 08:45		

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-2 **Lab ID: 92112832002** Collected: 02/22/12 11:06 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	85.5	1		03/01/12 20:29	67-64-1	
Benzene	ND	ug/kg	4.3	1		03/01/12 20:29	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		03/01/12 20:29	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		03/01/12 20:29	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		03/01/12 20:29	75-27-4	
Bromoform	ND	ug/kg	4.3	1		03/01/12 20:29	75-25-2	
Bromomethane	ND	ug/kg	8.5	1		03/01/12 20:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	85.5	1		03/01/12 20:29	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.3	1		03/01/12 20:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:29	108-90-7	
Chloroethane	ND	ug/kg	8.5	1		03/01/12 20:29	75-00-3	
Chloroform	ND	ug/kg	4.3	1		03/01/12 20:29	67-66-3	
Chloromethane	ND	ug/kg	8.5	1		03/01/12 20:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		03/01/12 20:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		03/01/12 20:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		03/01/12 20:29	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		03/01/12 20:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		03/01/12 20:29	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		03/01/12 20:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.5	1		03/01/12 20:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		03/01/12 20:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		03/01/12 20:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.3	1		03/01/12 20:29	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		03/01/12 20:29	87-68-3	
2-Hexanone	ND	ug/kg	42.7	1		03/01/12 20:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		03/01/12 20:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		03/01/12 20:29	99-87-6	
Methylene Chloride	ND	ug/kg	17.1	1		03/01/12 20:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.7	1		03/01/12 20:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		03/01/12 20:29	1634-04-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-2 **Lab ID: 92112832002** Collected: 02/22/12 11:06 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.3	1		03/01/12 20:29	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		03/01/12 20:29	103-65-1	
Styrene	ND	ug/kg	4.3	1		03/01/12 20:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		03/01/12 20:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		03/01/12 20:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		03/01/12 20:29	127-18-4	
Toluene	ND	ug/kg	4.3	1		03/01/12 20:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		03/01/12 20:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		03/01/12 20:29	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		03/01/12 20:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		03/01/12 20:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		03/01/12 20:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:29	108-67-8	
Vinyl acetate	ND	ug/kg	42.7	1		03/01/12 20:29	108-05-4	
Vinyl chloride	ND	ug/kg	8.5	1		03/01/12 20:29	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		03/01/12 20:29	1330-20-7	
m&p-Xylene	ND	ug/kg	8.5	1		03/01/12 20:29	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		03/01/12 20:29	95-47-6	
Surrogates								
Dibromofluoromethane (S)	123	%	70-130	1		03/01/12 20:29	1868-53-7	
Toluene-d8 (S)	103	%	70-130	1		03/01/12 20:29	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		03/01/12 20:29	460-00-4	
1,2-Dichloroethane-d4 (S)	130	%	70-132	1		03/01/12 20:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.3**	%	0.10	1		02/27/12 08:45		

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-3 **Lab ID: 92112832003** Collected: 02/22/12 12:15 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	85.4	1		03/01/12 20:49	67-64-1	
Benzene	ND	ug/kg	4.3	1		03/01/12 20:49	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		03/01/12 20:49	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		03/01/12 20:49	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		03/01/12 20:49	75-27-4	
Bromoform	ND	ug/kg	4.3	1		03/01/12 20:49	75-25-2	
Bromomethane	ND	ug/kg	8.5	1		03/01/12 20:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	85.4	1		03/01/12 20:49	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 20:49	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.3	1		03/01/12 20:49	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:49	108-90-7	
Chloroethane	ND	ug/kg	8.5	1		03/01/12 20:49	75-00-3	
Chloroform	ND	ug/kg	4.3	1		03/01/12 20:49	67-66-3	
Chloromethane	ND	ug/kg	8.5	1		03/01/12 20:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		03/01/12 20:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		03/01/12 20:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		03/01/12 20:49	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		03/01/12 20:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		03/01/12 20:49	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		03/01/12 20:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:49	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.5	1		03/01/12 20:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		03/01/12 20:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		03/01/12 20:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 20:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 20:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 20:49	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.3	1		03/01/12 20:49	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		03/01/12 20:49	87-68-3	
2-Hexanone	ND	ug/kg	42.7	1		03/01/12 20:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		03/01/12 20:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		03/01/12 20:49	99-87-6	
Methylene Chloride	ND	ug/kg	17.1	1		03/01/12 20:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.7	1		03/01/12 20:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		03/01/12 20:49	1634-04-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-3 **Lab ID: 92112832003** Collected: 02/22/12 12:15 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.3	1		03/01/12 20:49	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		03/01/12 20:49	103-65-1	
Styrene	ND	ug/kg	4.3	1		03/01/12 20:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		03/01/12 20:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		03/01/12 20:49	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		03/01/12 20:49	127-18-4	
Toluene	ND	ug/kg	4.3	1		03/01/12 20:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		03/01/12 20:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		03/01/12 20:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		03/01/12 20:49	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		03/01/12 20:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		03/01/12 20:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		03/01/12 20:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		03/01/12 20:49	108-67-8	
Vinyl acetate	ND	ug/kg	42.7	1		03/01/12 20:49	108-05-4	
Vinyl chloride	ND	ug/kg	8.5	1		03/01/12 20:49	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		03/01/12 20:49	1330-20-7	
m&p-Xylene	ND	ug/kg	8.5	1		03/01/12 20:49	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		03/01/12 20:49	95-47-6	
Surrogates								
Dibromofluoromethane (S)	122	%	70-130	1		03/01/12 20:49	1868-53-7	
Toluene-d8 (S)	103	%	70-130	1		03/01/12 20:49	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		03/01/12 20:49	460-00-4	
1,2-Dichloroethane-d4 (S)	127	%	70-132	1		03/01/12 20:49	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.7**	%	0.10	1		02/27/12 08:45		

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-4 **Lab ID: 92112832004** Collected: 02/22/12 14:35 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	88.1	1		03/01/12 21:09	67-64-1	
Benzene	ND	ug/kg	4.4	1		03/01/12 21:09	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		03/01/12 21:09	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		03/01/12 21:09	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		03/01/12 21:09	75-27-4	
Bromoform	ND	ug/kg	4.4	1		03/01/12 21:09	75-25-2	
Bromomethane	ND	ug/kg	8.8	1		03/01/12 21:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	88.1	1		03/01/12 21:09	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		03/01/12 21:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		03/01/12 21:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1		03/01/12 21:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.4	1		03/01/12 21:09	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		03/01/12 21:09	108-90-7	
Chloroethane	ND	ug/kg	8.8	1		03/01/12 21:09	75-00-3	
Chloroform	ND	ug/kg	4.4	1		03/01/12 21:09	67-66-3	
Chloromethane	ND	ug/kg	8.8	1		03/01/12 21:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		03/01/12 21:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1		03/01/12 21:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	1		03/01/12 21:09	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1		03/01/12 21:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		03/01/12 21:09	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1		03/01/12 21:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		03/01/12 21:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		03/01/12 21:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		03/01/12 21:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.8	1		03/01/12 21:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		03/01/12 21:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		03/01/12 21:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		03/01/12 21:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		03/01/12 21:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		03/01/12 21:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		03/01/12 21:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1		03/01/12 21:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1		03/01/12 21:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1		03/01/12 21:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		03/01/12 21:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		03/01/12 21:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.4	1		03/01/12 21:09	108-20-3	
Ethylbenzene	ND	ug/kg	4.4	1		03/01/12 21:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		03/01/12 21:09	87-68-3	
2-Hexanone	ND	ug/kg	44.0	1		03/01/12 21:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		03/01/12 21:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		03/01/12 21:09	99-87-6	
Methylene Chloride	ND	ug/kg	17.6	1		03/01/12 21:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	44.0	1		03/01/12 21:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		03/01/12 21:09	1634-04-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-4 **Lab ID: 92112832004** Collected: 02/22/12 14:35 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.4	1		03/01/12 21:09	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		03/01/12 21:09	103-65-1	
Styrene	ND	ug/kg	4.4	1		03/01/12 21:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		03/01/12 21:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		03/01/12 21:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		03/01/12 21:09	127-18-4	
Toluene	ND	ug/kg	4.4	1		03/01/12 21:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		03/01/12 21:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		03/01/12 21:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		03/01/12 21:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		03/01/12 21:09	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		03/01/12 21:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		03/01/12 21:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		03/01/12 21:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		03/01/12 21:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		03/01/12 21:09	108-67-8	
Vinyl acetate	ND	ug/kg	44.0	1		03/01/12 21:09	108-05-4	
Vinyl chloride	ND	ug/kg	8.8	1		03/01/12 21:09	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	1		03/01/12 21:09	1330-20-7	
m&p-Xylene	ND	ug/kg	8.8	1		03/01/12 21:09	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1		03/01/12 21:09	95-47-6	
Surrogates								
Dibromofluoromethane (S)	124	%	70-130	1		03/01/12 21:09	1868-53-7	
Toluene-d8 (S)	102	%	70-130	1		03/01/12 21:09	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		03/01/12 21:09	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	70-132	1		03/01/12 21:09	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.1**	%	0.10	1		02/27/12 08:45		

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-5 **Lab ID: 92112832005** Collected: 02/22/12 15:30 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	87.0	1		03/01/12 21:29	67-64-1	
Benzene	ND	ug/kg	4.3	1		03/01/12 21:29	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		03/01/12 21:29	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		03/01/12 21:29	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		03/01/12 21:29	75-27-4	
Bromoform	ND	ug/kg	4.3	1		03/01/12 21:29	75-25-2	
Bromomethane	ND	ug/kg	8.7	1		03/01/12 21:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	87.0	1		03/01/12 21:29	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 21:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 21:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		03/01/12 21:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.3	1		03/01/12 21:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		03/01/12 21:29	108-90-7	
Chloroethane	ND	ug/kg	8.7	1		03/01/12 21:29	75-00-3	
Chloroform	ND	ug/kg	4.3	1		03/01/12 21:29	67-66-3	
Chloromethane	ND	ug/kg	8.7	1		03/01/12 21:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		03/01/12 21:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		03/01/12 21:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		03/01/12 21:29	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		03/01/12 21:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		03/01/12 21:29	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		03/01/12 21:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 21:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 21:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		03/01/12 21:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.7	1		03/01/12 21:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		03/01/12 21:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		03/01/12 21:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 21:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 21:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		03/01/12 21:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 21:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 21:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		03/01/12 21:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 21:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 21:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		03/01/12 21:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.3	1		03/01/12 21:29	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		03/01/12 21:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		03/01/12 21:29	87-68-3	
2-Hexanone	ND	ug/kg	43.5	1		03/01/12 21:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		03/01/12 21:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		03/01/12 21:29	99-87-6	
Methylene Chloride	ND	ug/kg	17.4	1		03/01/12 21:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.5	1		03/01/12 21:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		03/01/12 21:29	1634-04-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-5 **Lab ID: 92112832005** Collected: 02/22/12 15:30 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.3	1		03/01/12 21:29	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		03/01/12 21:29	103-65-1	
Styrene	ND	ug/kg	4.3	1		03/01/12 21:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		03/01/12 21:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		03/01/12 21:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		03/01/12 21:29	127-18-4	
Toluene	ND	ug/kg	4.3	1		03/01/12 21:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		03/01/12 21:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		03/01/12 21:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		03/01/12 21:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		03/01/12 21:29	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		03/01/12 21:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		03/01/12 21:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		03/01/12 21:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		03/01/12 21:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		03/01/12 21:29	108-67-8	
Vinyl acetate	ND	ug/kg	43.5	1		03/01/12 21:29	108-05-4	
Vinyl chloride	ND	ug/kg	8.7	1		03/01/12 21:29	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		03/01/12 21:29	1330-20-7	
m&p-Xylene	ND	ug/kg	8.7	1		03/01/12 21:29	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		03/01/12 21:29	95-47-6	
Surrogates								
Dibromofluoromethane (S)	128	%	70-130	1		03/01/12 21:29	1868-53-7	
Toluene-d8 (S)	105	%	70-130	1		03/01/12 21:29	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		03/01/12 21:29	460-00-4	
1,2-Dichloroethane-d4 (S)	129	%	70-132	1		03/01/12 21:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.4**	%	0.10	1		02/27/12 08:46		

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-6 **Lab ID: 92112832006** Collected: 02/22/12 16:22 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	90.5	1		03/01/12 21:49	67-64-1	
Benzene	ND	ug/kg	4.5	1		03/01/12 21:49	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		03/01/12 21:49	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		03/01/12 21:49	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		03/01/12 21:49	75-27-4	
Bromoform	ND	ug/kg	4.5	1		03/01/12 21:49	75-25-2	
Bromomethane	ND	ug/kg	9.1	1		03/01/12 21:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	90.5	1		03/01/12 21:49	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		03/01/12 21:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		03/01/12 21:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		03/01/12 21:49	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.5	1		03/01/12 21:49	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		03/01/12 21:49	108-90-7	
Chloroethane	ND	ug/kg	9.1	1		03/01/12 21:49	75-00-3	
Chloroform	ND	ug/kg	4.5	1		03/01/12 21:49	67-66-3	
Chloromethane	ND	ug/kg	9.1	1		03/01/12 21:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		03/01/12 21:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		03/01/12 21:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		03/01/12 21:49	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		03/01/12 21:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		03/01/12 21:49	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		03/01/12 21:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		03/01/12 21:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		03/01/12 21:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		03/01/12 21:49	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.1	1		03/01/12 21:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		03/01/12 21:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		03/01/12 21:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		03/01/12 21:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		03/01/12 21:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		03/01/12 21:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		03/01/12 21:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		03/01/12 21:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		03/01/12 21:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		03/01/12 21:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		03/01/12 21:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		03/01/12 21:49	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.5	1		03/01/12 21:49	108-20-3	
Ethylbenzene	ND	ug/kg	4.5	1		03/01/12 21:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		03/01/12 21:49	87-68-3	
2-Hexanone	ND	ug/kg	45.3	1		03/01/12 21:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		03/01/12 21:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		03/01/12 21:49	99-87-6	
Methylene Chloride	ND	ug/kg	18.1	1		03/01/12 21:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.3	1		03/01/12 21:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		03/01/12 21:49	1634-04-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: SS-6 **Lab ID: 92112832006** Collected: 02/22/12 16:22 Received: 02/24/12 09:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.5	1		03/01/12 21:49	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		03/01/12 21:49	103-65-1	
Styrene	ND	ug/kg	4.5	1		03/01/12 21:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		03/01/12 21:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		03/01/12 21:49	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		03/01/12 21:49	127-18-4	
Toluene	ND	ug/kg	4.5	1		03/01/12 21:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		03/01/12 21:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		03/01/12 21:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		03/01/12 21:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		03/01/12 21:49	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		03/01/12 21:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		03/01/12 21:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		03/01/12 21:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		03/01/12 21:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		03/01/12 21:49	108-67-8	
Vinyl acetate	ND	ug/kg	45.3	1		03/01/12 21:49	108-05-4	
Vinyl chloride	ND	ug/kg	9.1	1		03/01/12 21:49	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	1		03/01/12 21:49	1330-20-7	
m&p-Xylene	ND	ug/kg	9.1	1		03/01/12 21:49	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1		03/01/12 21:49	95-47-6	
Surrogates								
Dibromofluoromethane (S)	128	%	70-130	1		03/01/12 21:49	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		03/01/12 21:49	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		03/01/12 21:49	460-00-4	
1,2-Dichloroethane-d4 (S)	129	%	70-132	1		03/01/12 21:49	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.5**	%	0.10	1		02/27/12 08:46		

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-1 **Lab ID: 92112832007** Collected: 02/22/12 10:45 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		02/27/12 15:29	67-64-1	
Benzene	ND	ug/L	1.0	1		02/27/12 15:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/27/12 15:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/27/12 15:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/27/12 15:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		02/27/12 15:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		02/27/12 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/27/12 15:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		02/27/12 15:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/27/12 15:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/27/12 15:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/27/12 15:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/27/12 15:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 15:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		02/27/12 15:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/27/12 15:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/27/12 15:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/27/12 15:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/27/12 15:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/27/12 15:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/27/12 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/27/12 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 15:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/27/12 15:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 15:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/27/12 15:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 15:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 15:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		02/27/12 15:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		02/27/12 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		02/27/12 15:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		02/27/12 15:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/27/12 15:29	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		02/27/12 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/27/12 15:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/27/12 15:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		02/27/12 15:29	91-20-3	
Styrene	ND	ug/L	1.0	1		02/27/12 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 15:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/27/12 15:29	127-18-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-1 **Lab ID: 92112832007** Collected: 02/22/12 10:45 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		02/27/12 15:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/27/12 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/27/12 15:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/27/12 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/27/12 15:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/27/12 15:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		02/27/12 15:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		02/27/12 15:29	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		02/27/12 15:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/27/12 15:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		02/27/12 15:29	460-00-4	
Dibromofluoromethane (S)	107	%	70-130	1		02/27/12 15:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		02/27/12 15:29	17060-07-0	
Toluene-d8 (S)	94	%	70-130	1		02/27/12 15:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-2 **Lab ID: 92112832008** Collected: 02/22/12 11:50 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		02/27/12 15:54	67-64-1	
Benzene	ND	ug/L	1.0	1		02/27/12 15:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/27/12 15:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/27/12 15:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/27/12 15:54	75-27-4	
Bromoform	ND	ug/L	1.0	1		02/27/12 15:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1		02/27/12 15:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/27/12 15:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		02/27/12 15:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/27/12 15:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/27/12 15:54	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/27/12 15:54	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/27/12 15:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 15:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 15:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		02/27/12 15:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/27/12 15:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/27/12 15:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/27/12 15:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/27/12 15:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/27/12 15:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/27/12 15:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/27/12 15:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 15:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 15:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 15:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/27/12 15:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 15:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/27/12 15:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 15:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 15:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		02/27/12 15:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		02/27/12 15:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		02/27/12 15:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		02/27/12 15:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/27/12 15:54	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		02/27/12 15:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/27/12 15:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/27/12 15:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		02/27/12 15:54	91-20-3	
Styrene	ND	ug/L	1.0	1		02/27/12 15:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 15:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 15:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/27/12 15:54	127-18-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-2 **Lab ID: 92112832008** Collected: 02/22/12 11:50 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		02/27/12 15:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 15:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/27/12 15:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/27/12 15:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/27/12 15:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/27/12 15:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/27/12 15:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		02/27/12 15:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		02/27/12 15:54	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		02/27/12 15:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/27/12 15:54	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		02/27/12 15:54	460-00-4	
Dibromofluoromethane (S)	107	%	70-130	1		02/27/12 15:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		02/27/12 15:54	17060-07-0	
Toluene-d8 (S)	94	%	70-130	1		02/27/12 15:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-3 **Lab ID: 92112832009** Collected: 02/22/12 13:05 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		02/27/12 16:19	67-64-1	
Benzene	ND	ug/L	1.0	1		02/27/12 16:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/27/12 16:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/27/12 16:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/27/12 16:19	75-27-4	
Bromoform	ND	ug/L	1.0	1		02/27/12 16:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1		02/27/12 16:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/27/12 16:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		02/27/12 16:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/27/12 16:19	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/27/12 16:19	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/27/12 16:19	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/27/12 16:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 16:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 16:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		02/27/12 16:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/27/12 16:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/27/12 16:19	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/27/12 16:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/27/12 16:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/27/12 16:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/27/12 16:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/27/12 16:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 16:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 16:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 16:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/27/12 16:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 16:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/27/12 16:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 16:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 16:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		02/27/12 16:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		02/27/12 16:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		02/27/12 16:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		02/27/12 16:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/27/12 16:19	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		02/27/12 16:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/27/12 16:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/27/12 16:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		02/27/12 16:19	91-20-3	
Styrene	ND	ug/L	1.0	1		02/27/12 16:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 16:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 16:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/27/12 16:19	127-18-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-3 **Lab ID: 92112832009** Collected: 02/22/12 13:05 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		02/27/12 16:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/27/12 16:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/27/12 16:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/27/12 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/27/12 16:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/27/12 16:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		02/27/12 16:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		02/27/12 16:19	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		02/27/12 16:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/27/12 16:19	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		02/27/12 16:19	460-00-4	
Dibromofluoromethane (S)	109	%	70-130	1		02/27/12 16:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		02/27/12 16:19	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		02/27/12 16:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-4 **Lab ID: 92112832010** Collected: 02/22/12 15:16 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		02/27/12 16:45	67-64-1	
Benzene	ND	ug/L	1.0	1		02/27/12 16:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/27/12 16:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/27/12 16:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/27/12 16:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		02/27/12 16:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1		02/27/12 16:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/27/12 16:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		02/27/12 16:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/27/12 16:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/27/12 16:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/27/12 16:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/27/12 16:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 16:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 16:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		02/27/12 16:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/27/12 16:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/27/12 16:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/27/12 16:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/27/12 16:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/27/12 16:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/27/12 16:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/27/12 16:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 16:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 16:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 16:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/27/12 16:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 16:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/27/12 16:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 16:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 16:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		02/27/12 16:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		02/27/12 16:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		02/27/12 16:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		02/27/12 16:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/27/12 16:45	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		02/27/12 16:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/27/12 16:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/27/12 16:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		02/27/12 16:45	91-20-3	
Styrene	ND	ug/L	1.0	1		02/27/12 16:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 16:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 16:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/27/12 16:45	127-18-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-4 **Lab ID: 92112832010** Collected: 02/22/12 15:16 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		02/27/12 16:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 16:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/27/12 16:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/27/12 16:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/27/12 16:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/27/12 16:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/27/12 16:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		02/27/12 16:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		02/27/12 16:45	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		02/27/12 16:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/27/12 16:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		02/27/12 16:45	460-00-4	
Dibromofluoromethane (S)	109	%	70-130	1		02/27/12 16:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		02/27/12 16:45	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		02/27/12 16:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-5 **Lab ID: 92112832011** Collected: 02/22/12 16:08 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		02/27/12 17:10	67-64-1	
Benzene	ND	ug/L	1.0	1		02/27/12 17:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/27/12 17:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/27/12 17:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/27/12 17:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		02/27/12 17:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		02/27/12 17:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/27/12 17:10	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		02/27/12 17:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/27/12 17:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/27/12 17:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/27/12 17:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/27/12 17:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 17:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 17:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		02/27/12 17:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/27/12 17:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/27/12 17:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/27/12 17:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/27/12 17:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/27/12 17:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/27/12 17:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/27/12 17:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 17:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 17:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 17:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/27/12 17:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 17:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/27/12 17:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 17:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 17:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		02/27/12 17:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		02/27/12 17:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		02/27/12 17:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		02/27/12 17:10	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/27/12 17:10	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		02/27/12 17:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/27/12 17:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/27/12 17:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		02/27/12 17:10	91-20-3	
Styrene	ND	ug/L	1.0	1		02/27/12 17:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 17:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 17:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/27/12 17:10	127-18-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-5 **Lab ID: 92112832011** Collected: 02/22/12 16:08 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		02/27/12 17:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/27/12 17:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/27/12 17:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/27/12 17:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/27/12 17:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/27/12 17:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		02/27/12 17:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		02/27/12 17:10	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		02/27/12 17:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/27/12 17:10	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		02/27/12 17:10	460-00-4	
Dibromofluoromethane (S)	108	%	70-130	1		02/27/12 17:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		02/27/12 17:10	17060-07-0	
Toluene-d8 (S)	94	%	70-130	1		02/27/12 17:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-6 **Lab ID: 92112832012** Collected: 02/22/12 17:02 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		02/27/12 17:36	67-64-1	
Benzene	ND	ug/L	1.0	1		02/27/12 17:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/27/12 17:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/27/12 17:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/27/12 17:36	75-27-4	
Bromoform	ND	ug/L	1.0	1		02/27/12 17:36	75-25-2	
Bromomethane	ND	ug/L	2.0	1		02/27/12 17:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/27/12 17:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		02/27/12 17:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/27/12 17:36	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/27/12 17:36	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/27/12 17:36	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/27/12 17:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 17:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/27/12 17:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		02/27/12 17:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/27/12 17:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/27/12 17:36	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/27/12 17:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/27/12 17:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/27/12 17:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/27/12 17:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/27/12 17:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 17:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/27/12 17:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 17:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/27/12 17:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/27/12 17:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/27/12 17:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 17:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/27/12 17:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		02/27/12 17:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		02/27/12 17:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		02/27/12 17:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		02/27/12 17:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/27/12 17:36	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		02/27/12 17:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/27/12 17:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/27/12 17:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		02/27/12 17:36	91-20-3	
Styrene	ND	ug/L	1.0	1		02/27/12 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 17:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/27/12 17:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/27/12 17:36	127-18-4	

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ANALYTICAL RESULTS

Project: Sale Ford
Pace Project No.: 92112832

Sample: GW-6 **Lab ID: 92112832012** Collected: 02/22/12 17:02 Received: 02/24/12 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		02/27/12 17:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/27/12 17:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/27/12 17:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/27/12 17:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/27/12 17:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/27/12 17:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/27/12 17:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		02/27/12 17:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		02/27/12 17:36	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		02/27/12 17:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/27/12 17:36	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		02/27/12 17:36	460-00-4	
Dibromofluoromethane (S)	110	%	70-130	1		02/27/12 17:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/27/12 17:36	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		02/27/12 17:36	2037-26-5	

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

QC Batch: MSV/18322 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92112832007, 92112832008, 92112832009, 92112832010, 92112832011, 92112832012

METHOD BLANK: 727759 — Matrix: Water
Associated Lab Samples: 92112832007, 92112832008, 92112832009, 92112832010, 92112832011, 92112832012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	02/27/12 12:05	
1,1,1-Trichloroethane	ug/L	ND	1.0	02/27/12 12:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/27/12 12:05	
1,1,2-Trichloroethane	ug/L	ND	1.0	02/27/12 12:05	
1,1-Dichloroethane	ug/L	ND	1.0	02/27/12 12:05	
1,1-Dichloroethene	ug/L	ND	1.0	02/27/12 12:05	
1,1-Dichloropropene	ug/L	ND	1.0	02/27/12 12:05	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	02/27/12 12:05	
1,2,3-Trichloropropane	ug/L	ND	1.0	02/27/12 12:05	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	02/27/12 12:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	02/27/12 12:05	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/27/12 12:05	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/27/12 12:05	
1,2-Dichloroethane	ug/L	ND	1.0	02/27/12 12:05	
1,2-Dichloropropane	ug/L	ND	1.0	02/27/12 12:05	
1,3-Dichlorobenzene	ug/L	ND	1.0	02/27/12 12:05	
1,3-Dichloropropane	ug/L	ND	1.0	02/27/12 12:05	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/27/12 12:05	
2,2-Dichloropropane	ug/L	ND	1.0	02/27/12 12:05	
2-Butanone (MEK)	ug/L	ND	5.0	02/27/12 12:05	
2-Chlorotoluene	ug/L	ND	1.0	02/27/12 12:05	
2-Hexanone	ug/L	ND	5.0	02/27/12 12:05	
4-Chlorotoluene	ug/L	ND	1.0	02/27/12 12:05	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	02/27/12 12:05	
Acetone	ug/L	ND	25.0	02/27/12 12:05	
Benzene	ug/L	ND	1.0	02/27/12 12:05	
Bromobenzene	ug/L	ND	1.0	02/27/12 12:05	
Bromochloromethane	ug/L	ND	1.0	02/27/12 12:05	
Bromodichloromethane	ug/L	ND	1.0	02/27/12 12:05	
Bromoform	ug/L	ND	1.0	02/27/12 12:05	
Bromomethane	ug/L	ND	2.0	02/27/12 12:05	
Carbon tetrachloride	ug/L	ND	1.0	02/27/12 12:05	
Chlorobenzene	ug/L	ND	1.0	02/27/12 12:05	
Chloroethane	ug/L	ND	1.0	02/27/12 12:05	
Chloroform	ug/L	ND	1.0	02/27/12 12:05	
Chloromethane	ug/L	ND	1.0	02/27/12 12:05	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/27/12 12:05	
cis-1,3-Dichloropropene	ug/L	ND	1.0	02/27/12 12:05	
Dibromochloromethane	ug/L	ND	1.0	02/27/12 12:05	
Dibromomethane	ug/L	ND	1.0	02/27/12 12:05	
Dichlorodifluoromethane	ug/L	ND	1.0	02/27/12 12:05	
Diisopropyl ether	ug/L	ND	1.0	02/27/12 12:05	
Ethylbenzene	ug/L	ND	1.0	02/27/12 12:05	

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

METHOD BLANK: 727759 Matrix: Water

Associated Lab Samples: 92112832007, 92112832008, 92112832009, 92112832010, 92112832011, 92112832012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	02/27/12 12:05	
m&p-Xylene	ug/L	ND	2.0	02/27/12 12:05	
Methyl-tert-butyl ether	ug/L	ND	1.0	02/27/12 12:05	
Methylene Chloride	ug/L	ND	2.0	02/27/12 12:05	
Naphthalene	ug/L	ND	1.0	02/27/12 12:05	
o-Xylene	ug/L	ND	1.0	02/27/12 12:05	
p-Isopropyltoluene	ug/L	ND	1.0	02/27/12 12:05	
Styrene	ug/L	ND	1.0	02/27/12 12:05	
Tetrachloroethene	ug/L	ND	1.0	02/27/12 12:05	
Toluene	ug/L	ND	1.0	02/27/12 12:05	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/27/12 12:05	
trans-1,3-Dichloropropene	ug/L	ND	1.0	02/27/12 12:05	
Trichloroethene	ug/L	ND	1.0	02/27/12 12:05	
Trichlorofluoromethane	ug/L	ND	1.0	02/27/12 12:05	
Vinyl acetate	ug/L	ND	2.0	02/27/12 12:05	
Vinyl chloride	ug/L	ND	1.0	02/27/12 12:05	
1,2-Dichloroethane-d4 (S)	%	105	70-130	02/27/12 12:05	
4-Bromofluorobenzene (S)	%	97	70-130	02/27/12 12:05	
Dibromofluoromethane (S)	%	106	70-130	02/27/12 12:05	
Toluene-d8 (S)	%	94	70-130	02/27/12 12:05	

LABORATORY CONTROL SAMPLE: 727760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.5	101	70-130	
1,1,1-Trichloroethane	ug/L	50	54.2	108	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.0	96	70-130	
1,1,2-Trichloroethane	ug/L	50	47.4	95	70-130	
1,1-Dichloroethane	ug/L	50	42.7	85	70-130	
1,1-Dichloroethene	ug/L	50	46.7	93	70-132	
1,1-Dichloropropene	ug/L	50	46.6	93	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.9	100	70-135	
1,2,3-Trichloropropane	ug/L	50	46.5	93	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	50.1	100	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	70-130	
1,2-Dichlorobenzene	ug/L	50	49.3	99	70-130	
1,2-Dichloroethane	ug/L	50	55.2	110	70-130	
1,2-Dichloropropane	ug/L	50	48.4	97	70-130	
1,3-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,3-Dichloropropane	ug/L	50	54.2	108	70-130	
1,4-Dichlorobenzene	ug/L	50	48.7	97	70-130	
2,2-Dichloropropane	ug/L	50	48.4	97	58-145	
2-Butanone (MEK)	ug/L	100	85.1	85	70-145	
2-Chlorotoluene	ug/L	50	48.3	97	70-130	

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

LABORATORY CONTROL SAMPLE: 727760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	100	100	70-144	
4-Chlorotoluene	ug/L	50	50.8	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.0	97	70-140	
Acetone	ug/L	100	106	106	50-175	
Benzene	ug/L	50	47.9	96	70-130	
Bromobenzene	ug/L	50	49.6	99	70-130	
Bromochloromethane	ug/L	50	54.3	109	70-130	
Bromodichloromethane	ug/L	50	51.1	102	70-130	
Bromoform	ug/L	50	54.5	109	70-130	
Bromomethane	ug/L	50	60.0	120	54-130	
Carbon tetrachloride	ug/L	50	50.7	101	70-132	
Chlorobenzene	ug/L	50	49.2	98	70-130	
Chloroethane	ug/L	50	48.2	96	64-134	
Chloroform	ug/L	50	54.9	110	70-130	
Chloromethane	ug/L	50	47.5	95	64-130	
cis-1,2-Dichloroethene	ug/L	50	43.1	86	70-131	
cis-1,3-Dichloropropene	ug/L	50	51.8	104	70-130	
Dibromochloromethane	ug/L	50	51.0	102	70-130	
Dibromomethane	ug/L	50	48.6	97	70-131	
Dichlorodifluoromethane	ug/L	50	43.6	87	56-130	
Diisopropyl ether	ug/L	50	47.4	95	70-130	
Ethylbenzene	ug/L	50	49.3	99	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.6	109	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	55.9	112	70-130	
Methylene Chloride	ug/L	50	57.7	115	63-130	
Naphthalene	ug/L	50	52.6	105	70-138	
o-Xylene	ug/L	50	51.3	103	70-130	
p-Isopropyltoluene	ug/L	50	53.3	107	70-130	
Styrene	ug/L	50	52.4	105	70-130	
Tetrachloroethene	ug/L	50	49.1	98	70-130	
Toluene	ug/L	50	48.6	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	43.8	88	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.4	105	70-132	
Trichloroethene	ug/L	50	48.8	98	70-130	
Trichlorofluoromethane	ug/L	50	56.0	112	62-133	
Vinyl acetate	ug/L	100	116	116	66-157	
Vinyl chloride	ug/L	50	47.8	96	69-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 727761 727762

Parameter	Units	92112879002 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	42.8	48.0	86	96	70-166	11	
Benzene	ug/L	ND	50	50	47.5	52.7	95	105	70-148	10	
Chlorobenzene	ug/L	ND	50	50	43.5	48.7	87	97	70-146	11	
Toluene	ug/L	ND	50	50	45.2	49.2	90	98	70-155	9	
Trichloroethene	ug/L	ND	50	50	44.7	50.2	89	100	69-151	12	
1,2-Dichloroethane-d4 (S)	%						90	92	70-130		
4-Bromofluorobenzene (S)	%						98	99	70-130		
Dibromofluoromethane (S)	%						95	97	70-130		
Toluene-d8 (S)	%						97	98	70-130		

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

QC Batch: MSV/18365 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92112832001, 92112832002, 92112832003, 92112832004, 92112832005, 92112832006

METHOD BLANK: 729297 Matrix: Solid
Associated Lab Samples: 92112832001, 92112832002, 92112832003, 92112832004, 92112832005, 92112832006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.5	03/01/12 11:27	
1,1,1-Trichloroethane	ug/kg	ND	5.5	03/01/12 11:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.5	03/01/12 11:27	
1,1,2-Trichloroethane	ug/kg	ND	5.5	03/01/12 11:27	
1,1-Dichloroethane	ug/kg	ND	5.5	03/01/12 11:27	
1,1-Dichloroethene	ug/kg	ND	5.5	03/01/12 11:27	
1,1-Dichloropropene	ug/kg	ND	5.5	03/01/12 11:27	
1,2,3-Trichlorobenzene	ug/kg	ND	5.5	03/01/12 11:27	
1,2,3-Trichloropropane	ug/kg	ND	5.5	03/01/12 11:27	
1,2,4-Trichlorobenzene	ug/kg	ND	5.5	03/01/12 11:27	
1,2,4-Trimethylbenzene	ug/kg	ND	5.5	03/01/12 11:27	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.5	03/01/12 11:27	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.5	03/01/12 11:27	
1,2-Dichlorobenzene	ug/kg	ND	5.5	03/01/12 11:27	
1,2-Dichloroethane	ug/kg	ND	5.5	03/01/12 11:27	
1,2-Dichloropropane	ug/kg	ND	5.5	03/01/12 11:27	
1,3,5-Trimethylbenzene	ug/kg	ND	5.5	03/01/12 11:27	
1,3-Dichlorobenzene	ug/kg	ND	5.5	03/01/12 11:27	
1,3-Dichloropropane	ug/kg	ND	5.5	03/01/12 11:27	
1,4-Dichlorobenzene	ug/kg	ND	5.5	03/01/12 11:27	
2,2-Dichloropropane	ug/kg	ND	5.5	03/01/12 11:27	
2-Butanone (MEK)	ug/kg	ND	110	03/01/12 11:27	
2-Chlorotoluene	ug/kg	ND	5.5	03/01/12 11:27	
2-Hexanone	ug/kg	ND	54.9	03/01/12 11:27	
4-Chlorotoluene	ug/kg	ND	5.5	03/01/12 11:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	54.9	03/01/12 11:27	
Acetone	ug/kg	ND	110	03/01/12 11:27	
Benzene	ug/kg	ND	5.5	03/01/12 11:27	
Bromobenzene	ug/kg	ND	5.5	03/01/12 11:27	
Bromochloromethane	ug/kg	ND	5.5	03/01/12 11:27	
Bromodichloromethane	ug/kg	ND	5.5	03/01/12 11:27	
Bromoform	ug/kg	ND	5.5	03/01/12 11:27	
Bromomethane	ug/kg	ND	11.0	03/01/12 11:27	
Carbon tetrachloride	ug/kg	ND	5.5	03/01/12 11:27	
Chlorobenzene	ug/kg	ND	5.5	03/01/12 11:27	
Chloroethane	ug/kg	ND	11.0	03/01/12 11:27	
Chloroform	ug/kg	ND	5.5	03/01/12 11:27	
Chloromethane	ug/kg	ND	11.0	03/01/12 11:27	
cis-1,2-Dichloroethene	ug/kg	ND	5.5	03/01/12 11:27	
cis-1,3-Dichloropropene	ug/kg	ND	5.5	03/01/12 11:27	
Dibromochloromethane	ug/kg	ND	5.5	03/01/12 11:27	
Dibromomethane	ug/kg	ND	5.5	03/01/12 11:27	
Dichlorodifluoromethane	ug/kg	ND	11.0	03/01/12 11:27	

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

METHOD BLANK: 729297 Matrix: Solid

Associated Lab Samples: 92112832001, 92112832002, 92112832003, 92112832004, 92112832005, 92112832006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.5	03/01/12 11:27	
Ethylbenzene	ug/kg	ND	5.5	03/01/12 11:27	
Hexachloro-1,3-butadiene	ug/kg	ND	5.5	03/01/12 11:27	
Isopropylbenzene (Cumene)	ug/kg	ND	5.5	03/01/12 11:27	
m&p-Xylene	ug/kg	ND	11.0	03/01/12 11:27	
Methyl-tert-butyl ether	ug/kg	ND	5.5	03/01/12 11:27	
Methylene Chloride	ug/kg	ND	22.0	03/01/12 11:27	
n-Butylbenzene	ug/kg	ND	5.5	03/01/12 11:27	
n-Propylbenzene	ug/kg	ND	5.5	03/01/12 11:27	
Naphthalene	ug/kg	ND	5.5	03/01/12 11:27	
o-Xylene	ug/kg	ND	5.5	03/01/12 11:27	
p-Isopropyltoluene	ug/kg	ND	5.5	03/01/12 11:27	
sec-Butylbenzene	ug/kg	ND	5.5	03/01/12 11:27	
Styrene	ug/kg	ND	5.5	03/01/12 11:27	
tert-Butylbenzene	ug/kg	ND	5.5	03/01/12 11:27	
Tetrachloroethene	ug/kg	ND	5.5	03/01/12 11:27	
Toluene	ug/kg	ND	5.5	03/01/12 11:27	
trans-1,2-Dichloroethene	ug/kg	ND	5.5	03/01/12 11:27	
trans-1,3-Dichloropropene	ug/kg	ND	5.5	03/01/12 11:27	
Trichloroethene	ug/kg	ND	5.5	03/01/12 11:27	
Trichlorofluoromethane	ug/kg	ND	5.5	03/01/12 11:27	
Vinyl acetate	ug/kg	ND	54.9	03/01/12 11:27	
Vinyl chloride	ug/kg	ND	11.0	03/01/12 11:27	
Xylene (Total)	ug/kg	ND	11.0	03/01/12 11:27	
1,2-Dichloroethane-d4 (S)	%	114	70-132	03/01/12 11:27	
4-Bromofluorobenzene (S)	%	99	70-130	03/01/12 11:27	
Dibromofluoromethane (S)	%	113	70-130	03/01/12 11:27	
Toluene-d8 (S)	%	104	70-130	03/01/12 11:27	

LABORATORY CONTROL SAMPLE: 729298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	52.5	56.9	108	70-131	
1,1,1-Trichloroethane	ug/kg	52.5	50.5	96	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	52.5	55.6	106	70-130	
1,1,2-Trichloroethane	ug/kg	52.5	55.6	106	70-132	
1,1-Dichloroethane	ug/kg	52.5	48.9	93	70-143	
1,1-Dichloroethene	ug/kg	52.5	53.9	103	70-137	
1,1-Dichloropropene	ug/kg	52.5	54.4	104	70-135	
1,2,3-Trichlorobenzene	ug/kg	52.5	53.8	102	69-153	
1,2,3-Trichloropropane	ug/kg	52.5	51.8	99	70-130	
1,2,4-Trichlorobenzene	ug/kg	52.5	55.1	105	55-171	
1,2,4-Trimethylbenzene	ug/kg	52.5	57.5	110	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	52.5	55.5	106	68-141	
1,2-Dibromoethane (EDB)	ug/kg	52.5	54.8	104	70-130	

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

LABORATORY CONTROL SAMPLE: 729298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	52.5	57.5	109	70-140	
1,2-Dichloroethane	ug/kg	52.5	53.4	102	70-137	
1,2-Dichloropropane	ug/kg	52.5	55.4	106	70-133	
1,3,5-Trimethylbenzene	ug/kg	52.5	57.6	110	70-143	
1,3-Dichlorobenzene	ug/kg	52.5	57.4	109	70-144	
1,3-Dichloropropane	ug/kg	52.5	53.0	101	70-132	
1,4-Dichlorobenzene	ug/kg	52.5	59.4	113	70-142	
2,2-Dichloropropane	ug/kg	52.5	52.5	100	68-152	
2-Butanone (MEK)	ug/kg	105	96.8J	92	70-149	
2-Chlorotoluene	ug/kg	52.5	50.9	97	70-141	
2-Hexanone	ug/kg	105	105	100	70-149	
4-Chlorotoluene	ug/kg	52.5	60.1	114	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	105	103	98	70-153	
Acetone	ug/kg	105	108	102	70-157	
Benzene	ug/kg	52.5	56.3	107	70-130	
Bromobenzene	ug/kg	52.5	47.7	91	70-141	
Bromochloromethane	ug/kg	52.5	56.9	108	70-149	
Bromodichloromethane	ug/kg	52.5	56.8	108	70-130	
Bromoform	ug/kg	52.5	54.8	104	70-131	
Bromomethane	ug/kg	52.5	71.6	136	64-136	F3
Carbon tetrachloride	ug/kg	52.5	55.7	106	70-154	
Chlorobenzene	ug/kg	52.5	59.3	113	70-135	
Chloroethane	ug/kg	52.5	65.0	124	68-151	
Chloroform	ug/kg	52.5	56.4	107	70-130	
Chloromethane	ug/kg	52.5	58.1	111	70-132	
cis-1,2-Dichloroethene	ug/kg	52.5	49.4	94	70-140	
cis-1,3-Dichloropropene	ug/kg	52.5	56.1	107	70-137	
Dibromochloromethane	ug/kg	52.5	56.7	108	70-130	
Dibromomethane	ug/kg	52.5	54.6	104	70-136	
Dichlorodifluoromethane	ug/kg	52.5	59.3	113	36-148	
Diisopropyl ether	ug/kg	52.5	51.2	97	70-139	
Ethylbenzene	ug/kg	52.5	57.4	109	70-137	
Hexachloro-1,3-butadiene	ug/kg	52.5	54.6	104	70-145	
Isopropylbenzene (Cumene)	ug/kg	52.5	57.0	109	70-141	
m&p-Xylene	ug/kg	105	115	110	70-140	
Methyl-tert-butyl ether	ug/kg	52.5	52.1	99	45-150	
Methylene Chloride	ug/kg	52.5	66.7	127	70-133	
n-Butylbenzene	ug/kg	52.5	59.5	113	65-155	
n-Propylbenzene	ug/kg	52.5	56.0	107	70-148	
Naphthalene	ug/kg	52.5	52.9	101	70-148	
o-Xylene	ug/kg	52.5	53.2	101	70-141	
p-Isopropyltoluene	ug/kg	52.5	60.0	114	70-148	
sec-Butylbenzene	ug/kg	52.5	56.2	107	70-145	
Styrene	ug/kg	52.5	58.2	111	70-138	
tert-Butylbenzene	ug/kg	52.5	54.9	104	70-143	
Tetrachloroethene	ug/kg	52.5	56.7	108	70-140	
Toluene	ug/kg	52.5	56.9	108	70-130	
trans-1,2-Dichloroethene	ug/kg	52.5	48.4	92	70-136	

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

LABORATORY CONTROL SAMPLE: 729298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	52.5	56.8	108	70-138	
Trichloroethene	ug/kg	52.5	58.4	111	70-132	
Trichlorofluoromethane	ug/kg	52.5	60.8	116	69-134	
Vinyl acetate	ug/kg	105	141	134	24-161	
Vinyl chloride	ug/kg	52.5	57.4	109	55-140	
Xylene (Total)	ug/kg	158	168	107	70-141	
1,2-Dichloroethane-d4 (S)	%			95	70-132	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: Sale Ford
Pace Project No.: 92112832

QC Batch: PMST/4521 — Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 — Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92112832001, 92112832002, 92112832003, 92112832004, 92112832005, 92112832006

SAMPLE DUPLICATE: 727129

Parameter	Units	92112826001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	23.9	24.6	3	

SAMPLE DUPLICATE: 727130

Parameter	Units	92112816006 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	0.21	0.18	14	

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QUALIFIERS

Project: Sale Ford
Pace Project No.: 92112832

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.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-C Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

F3 The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sale Ford
Pace Project No.: 92112832

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92112832007	**GW-1**	EPA 8260	MSV/18322		
92112832008	**GW-2**	EPA 8260	MSV/18322		
92112832009	**GW-3**	EPA 8260	MSV/18322		
92112832010	**GW-4**	EPA 8260	MSV/18322		
92112832011	**GW-5**	EPA 8260	MSV/18322		
92112832012	**GW-6**	EPA 8260	MSV/18322		
92112832001	**SS-1**	EPA 8260	MSV/18365		
92112832002	**SS-2**	EPA 8260	MSV/18365		
92112832003	**SS-3**	EPA 8260	MSV/18365		
92112832004	**SS-4**	EPA 8260	MSV/18365		
92112832005	**SS-5**	EPA 8260	MSV/18365		
92112832006	**SS-6**	EPA 8260	MSV/18365		
92112832001	**SS-1**	ASTM D2974-87	PMST/4521		
92112832002	**SS-2**	ASTM D2974-87	PMST/4521		
92112832003	**SS-3**	ASTM D2974-87	PMST/4521		
92112832004	**SS-4**	ASTM D2974-87	PMST/4521		
92112832005	**SS-5**	ASTM D2974-87	PMST/4521		
92112832006	**SS-6**	ASTM D2974-87	PMST/4521		

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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: | of |

1507566

Section A Required Client Information:
Company: ECS CAROLINAS
Address:
Email To: rsmithwick@ecslimited.com
Phone: 110.1686.9114 Fax:
Requested Due Date/TAT:

Section B Required Project Information:
Report To: RUDY SMITHWICK
Copy To: KRISTEN MULLEN
kmullen1@ecslimited.com
Purchase Order No.:
Project Name: SALE FORD
Project Number:

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER
Site Location STATE: NC

Section D Required Client Information

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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	3N8346 (8260)	8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92112832
1	SS-1	SL	G			2.22.12	955		4										X	X		001
2	SS-2	SL					1106		4										X	X		002
3	SS-3	SL					1215		4										X	X		003
4	SS-4	SL					1435		4										X	X		004
5	SS-5	SL					1530		4										X	X		005
6	SS-6	SL					1622		4										X	X		006
7	GW-1	WT					1045		3									X	X			007
8	GW-2	WT					1150		3									X	X			008
9	GW-3	WT					1305		3									X	X			009
10	GW-4	WT					1516		3									X	X			010
11	GW-5	WT					1608		3									X	X			011
12	GW-6	WT					1702		3									X	X			012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	2.23.12	1130	[signature]	2/23/12	1130				
				[signature] / pace	2/24/12	9:20	1.8	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*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.

Pace Analytical	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: January 06, 2012 Page 1 of 2
	Document Number: F-CHR-CS-03-rev.06	Issuing Authority: Pace Huntersville Quality Office

Client Name: ECS Carolinas Project # 92112832

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: IR Gun T1101 T1102 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor **T1101**: No Correction **T1102**: Subtract 1.2°C

Corrected Cooler Temp.: 1.8° C **Biological Tissue is Frozen:** Yes No N/A

Date and Initials of person examining contents: JMM 2-24-12

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☑No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:_____		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: BKM **Date:** 2/24/12 **SRF Review:** GW **Date:** 2/24/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)