INITIAL ABATEMENT ACTION REPORT
Parcel 87, Edward Pardue Property (Former Olaf Adams Property)
1429 Sparta Rd, North Wilkesboro, NC
State Project: R-3405
WBS Element: 35579.1.1
AMEC Project No.: 56211R340

2009 CONTRACT #7000010451

Submitted to:
Mr. Ethan J. Caldwell, LG, PE
GeoEnvironmental Project Manager

Prepared for UST Owner/Operator and Property Owner:
Edward Pardue
1429 Sparta Rd
North Wilkesboro, North Carolina 28659

Submitted by Consultant:
AMEC of North Carolina, Inc.
2801 Yorkmont Road
Charlotte, North Carolina 28208

September 9, 2011

NORTH CAROLINA LICENSED SEAL 1485 GEOLOGIST HELEN P. CORLEY

Troy L. Holzschuh
Engineering Technician

Helen Corley, LG
Program Manager

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1.0 INTRODUCTION

North Carolina Department of Transportation (NCDOT) Parcel 87 is located at 1429 Sparta Rd in North Wilkesboro, North Carolina (**Figure 1**). The site historically operated as a gas station. At the time of this assessment, the building was vacant. A portion of the property will be acquired by NCDOT as part of a right-of-way acquisition for the road improvement project along Sparta Rd. (NC 18) in North Wilkesboro, North Carolina.

Seven Underground Storage Tanks (USTs) were known or suspected based on Preliminary Site Assessment conducted by AMEC Earth and Environmental (AMEC) in January 2011. Based on a geophysical survey reported in the PSA, the anticipated capacities of the UST and their expected depths to top of tank are tabulated below.

Probable UST-1	2,000 gal.	2-4.5 ft bgs
Probable UST-2	1,000 gal.	2.5-4 ft bgs
Probable UST-3	1,000 gal.	2.5-4 ft bgs
Probable UST-4	275 gal.	2.5-3.5 ft bgs
Probable UST-5	150 gal.	3-4 ft bgs
Possible UST-6	2,000 gal.	2-4.5 ft bgs
Probable UST-7	560 gal.	0-1 ft bgs

During the PSA, associated fuel lines were determined to be present as well. Field observation and laboratory analysis of soil sampling confirmed that a release had occurred in the area of the pump island and adjacent USTs 4 and 5.

NCDOT submitted a request for a Technical and Cost Proposal dated June 9, 2011, to AMEC for the removal of seven USTs, their contents, and any associated piping. Also included in the scope of work was to excavate and dispose of up to 60 cubic yards of petroleum-contaminated soils, to collect confirmatory samples, and to prepare a report which documents all field activities and meets requirements of the North Carolina Department of Environment and Natural Resources (NCDENR).

AMEC submitted a Technical and Cost Proposal dated June 29, 2011, and received a Notice to Proceed from NCDOT on May 10, 2011. AMEC subcontracted EVO Corporation (EVO) of Winston-Salem, North Carolina to remove and dispose of the USTs, the associated piping and potentially contaminated soils. Field activities were conducted on the 1st and 2nd of August 2011.

This Initial Abatement Action Report (IAAR) combines a summary of the procedures and findings of the UST closure, the soil and fluid removal activities and the sampling activities and results.

2.0 SITE INFORMATION

Date of Report: September 7, 2011
Facility I.D.: N/A UST Incident Number (if known): N/A
Site Name: Parcel 87 – NCDOT
Site Location: 1429 Sparta Rd
Nearest City/Town: North Wilkesboro County: Wilkes

UST Owner: Edward Pardue
Address: 1429 Sparta Rd, North Wilkesboro, NC 28659 Phone: N/A

UST Operator: N/A
Address: N/A Phone: N/A
Property Owner: Edward Pardue.
Address: PO BOX 756, Moravian Falls, NC 28654 Phone:

Property Occupant: Vacant Contact:
Address: 1429 Sparta Rd, North Wilkesboro, NC 28659 Phone:

Consultant/Contractor: AMEC of North Carolina
Address: 2801 Yorkmont Road, Charlotte, NC 28208 Phone: 704-357-5630

Excavation Contractor: EVO Corporation
Address: 1703 Vargrave Street, Winston Salem, NC Phone: 336-725-5844

Laboratory/Subcontractor: Pace Analytical Services State Certification No. NC 402
Address: 9800 Kincey Ave, Ste 100, Huntersville, NC 28078 Phone: 704-875-9092

The Edward Pardue Property parcel is located on the southwestern corner of Sparta and Ruritan Park Roads in North Wilkesboro, Wilkes County, North Carolina. The properties to the northeast, east, southeast, south and west are residential with single family homes. The property to the north across Ruritan Park Rd is a restaurant called The Little Dipper Restaurant.

The Edward Pardue Property is located within the Alligator Back Formation of the Ocoee Supergroup located in the Blue Ridge Physiographic Province of western North Carolina. The Alligator Back Formation comprises metamorphic sedimentary rocks that are 750 million years in age. The rocks include mica schist and phyllite that are interlayered with minor biotite. The Alligator Back rocks were named for the large sections of gneiss that descend from the peak of Bluff Mountain that resemble an alligator.

3.0 RELEASE INFORMATION

Date Discovered: January 2011
Estimated Quantity of Release: Unknown
Cause of Release: Unknown
Source of Release: Former Dispenser Island, Associated Piping and USTs 4 and 5
Size and Contents of Source: Two 750 gallon USTs – Petroleum

In a Preliminary Site Assessment AMEC reported in February 2011 that an estimated 16 cubic yards of soil had been contaminated by a release. Field observations and soil sample analyses suggests that the release is from the former dispenser island or adjacent USTs-4 or -5.

4.0 FIELD ACTIVITIES

Prior to excavation activities, AMEC requested and received a utility walk-through from North Carolina One Call. The proximal utilities had already been located by Priority Underground Locating for the PSA activities. The local Fire Marshal and NCDENR were also notified prior to field activities. Senior Environmental technician, Karen Hall of NCDENR was present for the first day of excavation activities.

AMEC retained EVO to perform evacuation of residual fluids from the USTs, to excavate and properly dispose the USTs, and to excavate and properly dispose of up to 60 cubic yards of potentially affected soils. AMEC provided oversight and direction during evacuation, excavation and removal activities, which were performed on the 1st and 2nd of August 2011. The photo log in **Appendix A** documents execution of the field effort.

4.1 UST Removal and Soil Excavation Activities

UST closure commenced August 1, 2011 with a vacuum truck extracting the contents of the USTs. The tank that had been denoted as Possible UST-6 in the PSA report was determined to not exist; rather a street sign was buried in the location. It is expected that the geophysical survey methods had in fact picked up signals from the sign instead of a possible UST. A 150 gallon mixture of water and gasoline was evacuated from the USTs. The USTs were rendered inert by dropping dry ice into them. The lower explosive limit (LEL) within each tank was then checked with a photoionization detector (PID) to verify safe removal. The tanks were then completely uncovered and removed from the ground. The UST removal confirmed the size and contents of the USTs. The geophysical survey presented in the Preliminary Site Assessment did underestimate the size of USTs 4, 5 and 7. The actual capacities and contents are tabulated below. With the exception of UST-5 the USTs were slightly rusted and pitted but in overall good condition. The UST locations and excavation layouts are shown on **Figure 2**.

UST Identification	**UST capacity in gallons**	**UST contents**
UST-1	2,000 gal.	Gasoline
UST-2	1,000 gal.	Gasoline
UST-3	1,000 gal.	Diesel
UST-4	750 gal.	Petroleum
UST-5	750 gal.	Petroleum
Possible UST-6	Not Applicable	Not Applicable
UST-7	750 gal.	#2 Fuel Oil

Field measured PID readings are shown in Table 1. Impacted soils were not observed in the tank bed containing USTs 1, 2 and 3 nor the tank bed with UST-7. Consequently over-excavation was not necessary in those tank beds. Soils that appeared to be contaminated based on PID readings or visual evidence were however noted in the tank bed containing USTs 4 and 5, which were partially under the dispenser island.

Field observations suggested that the soil located directly beneath the dispenser island was the most impacted. Therefore, at that location beneath the island over excavation was conducted vertically until the predetermined volume of 60 cubic yards (i.e roughly 90 tons) of contaminated soil was reached. Then excavation ceased as directed by NCDOT. The actual quantity of soil removed for disposal was 112.29 tons.

Neither bedrock nor groundwater was encountered within the excavation. The primary final excavation was irregular in shape and depth as it combined two tank beds. The maximum depth of the excavation was 12 feet below ground surface (bgs). Excavated soil consisted of clayey silt that was yellow/orange to orange in color.

The USTs were transported to OmniSource Southeast in Winston-Salem, North Carolina for proper disposal and recycling. Certificates of disposal are included in **Appendix B** for the USTs and their evacuated fluids. Logs of the excavations are presented in **Appendix C.**

4.2 Soil Sampling

The site UST removal activities resulted in two excavations. The first excavation located on the northeastern portion of the parcel contained USTs 1 through 5, as well as a fuel line trench and a dispenser island. This excavation is segmented into two tank beds. The northern tank bed held USTs 1, 2 and 3. The southern tank bed contained USTs 4 and 5, as well as the overlying fuel line and dispenser island. Field screening indicated that the soil surrounding the first tank bed was unimpacted and no further excavation was necessary. However, elevated PID

readings did indicate that the second tank bed was impacted. The impact was most noticeable under the former dispenser island and the eastern end of UST 5, which was in poor condition. Because the amount of soil to be removed from the site was limited to 60 cubic yards or approximately 90 tons, AMEC personnel thought best practice to over excavate vertically and not horizontally. In an effort to try to obtain a clean closure NCDOT advised AMEC to continue excavating until 120 tons was obtained. Upon reaching t120 tons, AMEC personnel notified NCDOT that the PID readings were rising with depth. NCDOT advised AMEC personnel to stop the excavation. The second excavation was located on the east central portion of the parcel and contained UST-7. Field screening suggested that this tank bed was unimpacted and therefore over excavation did not occur.

Soil sampling activities were conducted in accordance with the *UST Section Guidance Document entitled Guidelines for Site Checks, Tank Closure, and Initial Abatement for UST Releases (December 2008)*. Two UST closure samples were collected from directly under each centerline of UST 1, 2 and 3. Samples UST-1-1 and UST-1-2 were collected at 8.5 feet bgs. UST-2-1, UST-2-2, UST-3-1 and UST-3-2 were collected at 8.0 feet bgs, which is within 2 feet of the bottom of the USTs. Field screening did not indicate that the soil in the tank bed was impacted so over excavation was not conducted.

Beneath USTs 4 and 5, as well as the fuel lines and dispenser island, impacted soil was detected. One UST closure sample was collected beneath each of the two UST at a depth of 5 feet bgs. Samples were identified as UST-4-1 and UST-5-1. One sample was collected beneath the fuel line and additionally under each fitting at depths of 3 feet bgs, generating samples identified as Fuel Line-1 through -4. Due to the observed impacted soils, the excavation was deepened in this area. A floor sample (Floor-1) of the final excavation was collected directly under the dispenser island at a depth of 12 feet bgs, and three sidewall samples (SW-1 through -3) were also collected at 5 feet bgs. Sample locations are shown on **Figure 3**.

All of the above samples were analyzed for volatile organic compounds (VOCs) by US EPA Method 8260B; semi-volatile organic compounds (SVOCs) by EPA Method 8270C; and volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbons (EPH) by the Massachusetts Department of Environmental Protection Methods (MADEP).

5.0 ANALYTICAL RESULTS

Soil sample analytical results are presented in **Tables 2** and **3. Appendix D** includes a copy of the complete laboratory analytical results for soil samples, which were analyzed for VOCs, SVOCs, VPH and EPH. The detections of the UST system required closure samples are shown on the site layout in **Figure 4,** while results from over excavation confirmatory sampling are shown in **Figure 5**.

Laboratory analysis of the nine centerline UST Closure samples collected for seven USTs reported no detections of the volatile or extractable petroleum hydrocarbons and no SVOC. However, UST-1-2 indicated a detection of 6.7 μg/kg for Toluene, which is well below the Soil-to-Groundwater MSCC of 4,300 μg/kg. One VOC, acetone, noted in two samples (UST-1-2 and UST-5-1) is presumed to be a lab contaminant.

Four samples identified as Fuel Line-1 through Fuel Line-4 were collected under the piping and fittings leading to the former dispenser island. Results from these four samples did not indicate detections for VOC or SVOC. However one sample (Fuel Line-3) did have detection for VPH/EPH but the concentration did not exceed the Soil to Groundwater MSCCs for VPH/EPH.

After over excavation was conducted four confirmatory samples were obtained. Analytical results indicated that just one confirmatory sample identified as Floor-1 contained concentrations of constituents of concern (COCs) that exceeded Soil-to-Groundwater or Residential MSCC. The floor sample was collected from 12 feet directly below the former dispenser island and directly below the eastern end of UST-5, which was observed in poor condition upon removal. PID readings continued to rise as the EVO excavated more soil, however due to the 120 ton limit, excavation ceased and clean closure was not achievable. Floor-1 did not have reported detections for SVOC. VOC and VPH/EPH had detections above the Soil to Groundwater MSCC and Residential MSCC. The VOC above the Soil to Groundwater MSCC was Naphthalene (322 μg/kg) VPH/EPH detection above the Soil to Groundwater MSCC was EPH C11-C22 (337 mg/kg) and the detection above the Residential MSCC was VPH C9-C10 (278 mg/kg). The remaining closure samples were sidewall samples, SW-1 to SW-3, that did not have any detections.

6.0 CONCLUSIONS

AMEC has completed contracted activities for the UST closures and soil excavation at Parcel 87 located at 1429 Sparta Road in North Wilkesboro, North Carolina. The following conclusions are based upon AMEC's field observations and data evaluation from field efforts performed on August 1 and 2, 2011.

- Two 1,000-gallon tanks, one 2,000-gallon tank, and three 750-gallon tanks were emptied, removed and disposed. The USTs were slightly rusted and pitted but in overall good condition.
- Analyses of closure samples from beneath the USTs indicated either no detections or one VOC detection with no MSCC exceeded.
- Piping from UST bed to dispenser island and beneath the island was emptied, removed and disposed.
- Soils underlying former dispenser island did indicate petroleum impact and over excavation did occur in this area to a vertical depth of 12 feet.
- Three COCs were reported in the soil samples collected from beneath the dispenser island and its piping.

- Analyses of confirmatory samples from the floor of the excavation indicated VOC and EPH/VPH detections which exceeded MSCC standards.

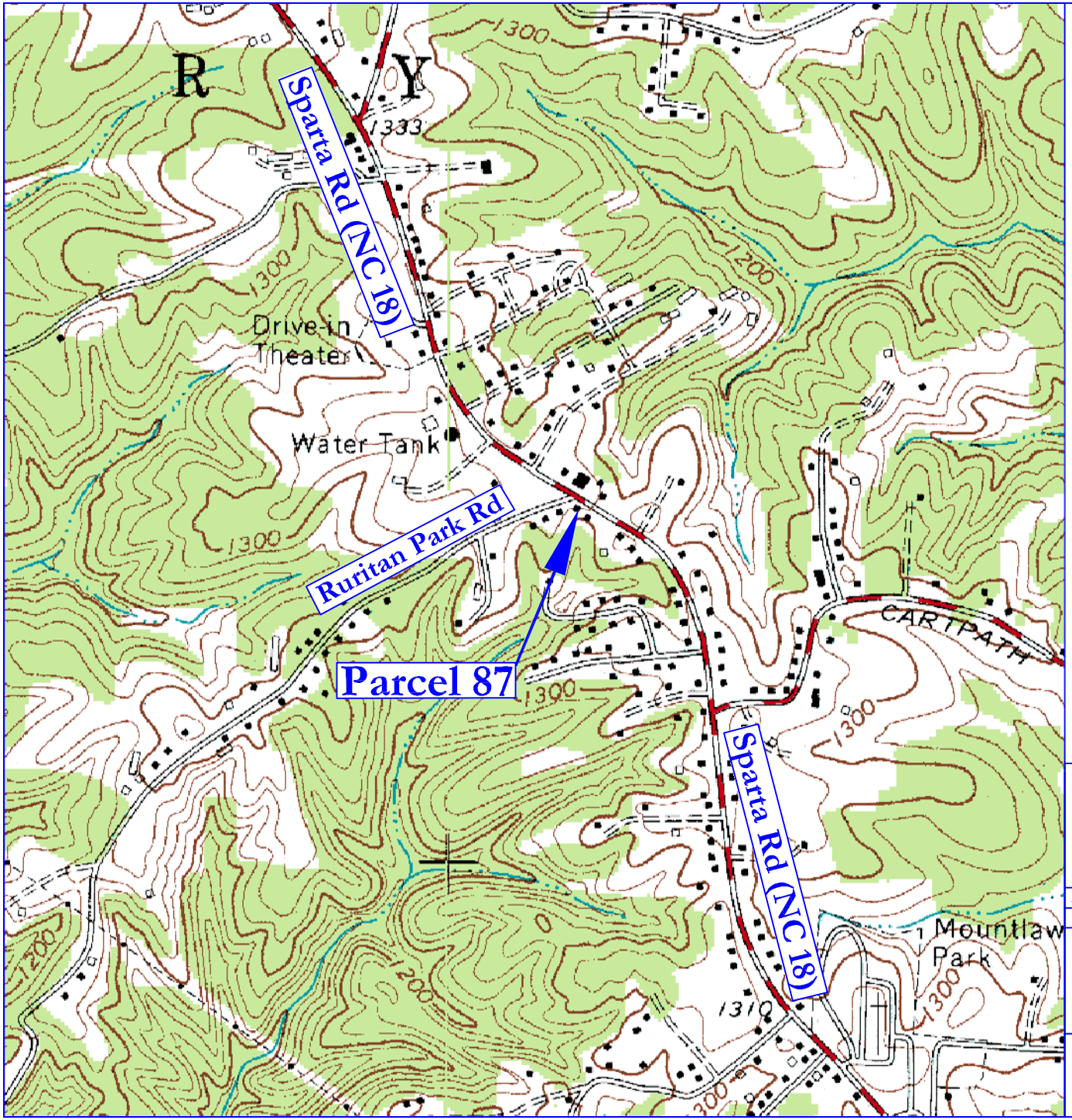
7.0 CERTIFICATION

I, Helen Corley, L.G, for AMEC of North Carolina, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.

Helen Corley

FIGURES

AMEC of North Carolina, Inc.
2801 Yorkmont Road
Charlotte, NC 28208
Tel – (704) 357-5630
www.amec.com



0' 500' 1000' 1500'

1" = 1000'

7.5 Minute Quadrangle
North Carolina, 1983
Photorevised 1993

VICINITY MAP

Parcel #87, James C. Pardue Property
North Wilkesboro, Wilkes County, NC

DRAWING NAME: J:\NCDOT\Wilkes\FIG1			DATE: 8/22/11
SCALE: 1 INCH = 1,000 FEET	DR TLH	CHK HPC	REV

PREPARED FOR:

NC Department Of Transportation
Geotechnical Unit
WBS Element: 35579.1.1
TIP# R-3405

Prepared By:

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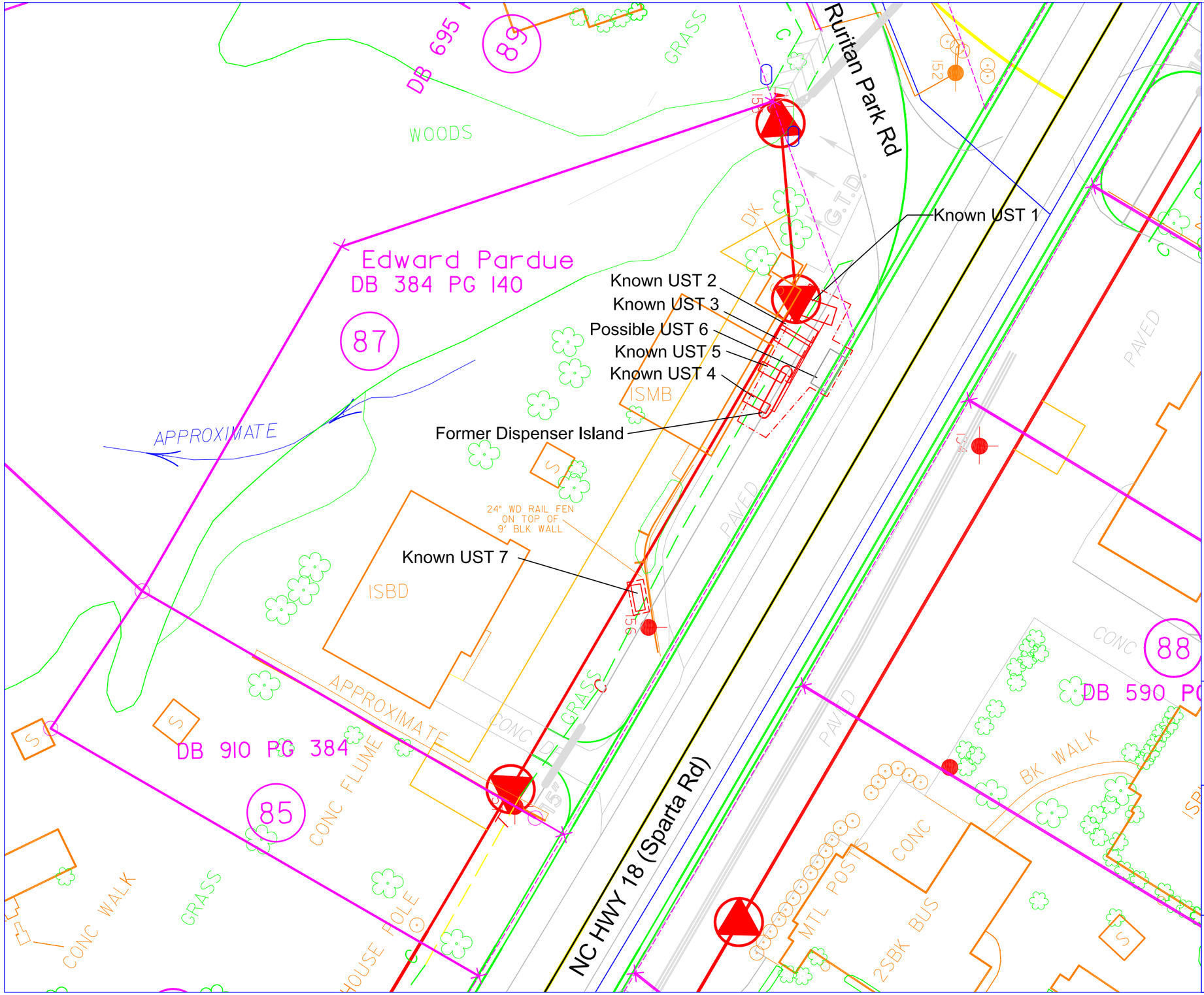
Figure:

Figure 1



LEGEND

- Proposed Right of Way
- Existing Property Line
- Existing Right of Way
- C — Cut Line
- F — Fill Line
- Known UST
- Fuel Line
- Possible UST
- Excavation
- Utility Easement
- Dispenser Islands
- Utility Pole

0' 15' 30' 45'

1" = 30'

Figure 2
Site Map With UST Locations
Parcel #87 Edward Pardue Property
(Former Olaf Adams Property)

NC Department of Transportation
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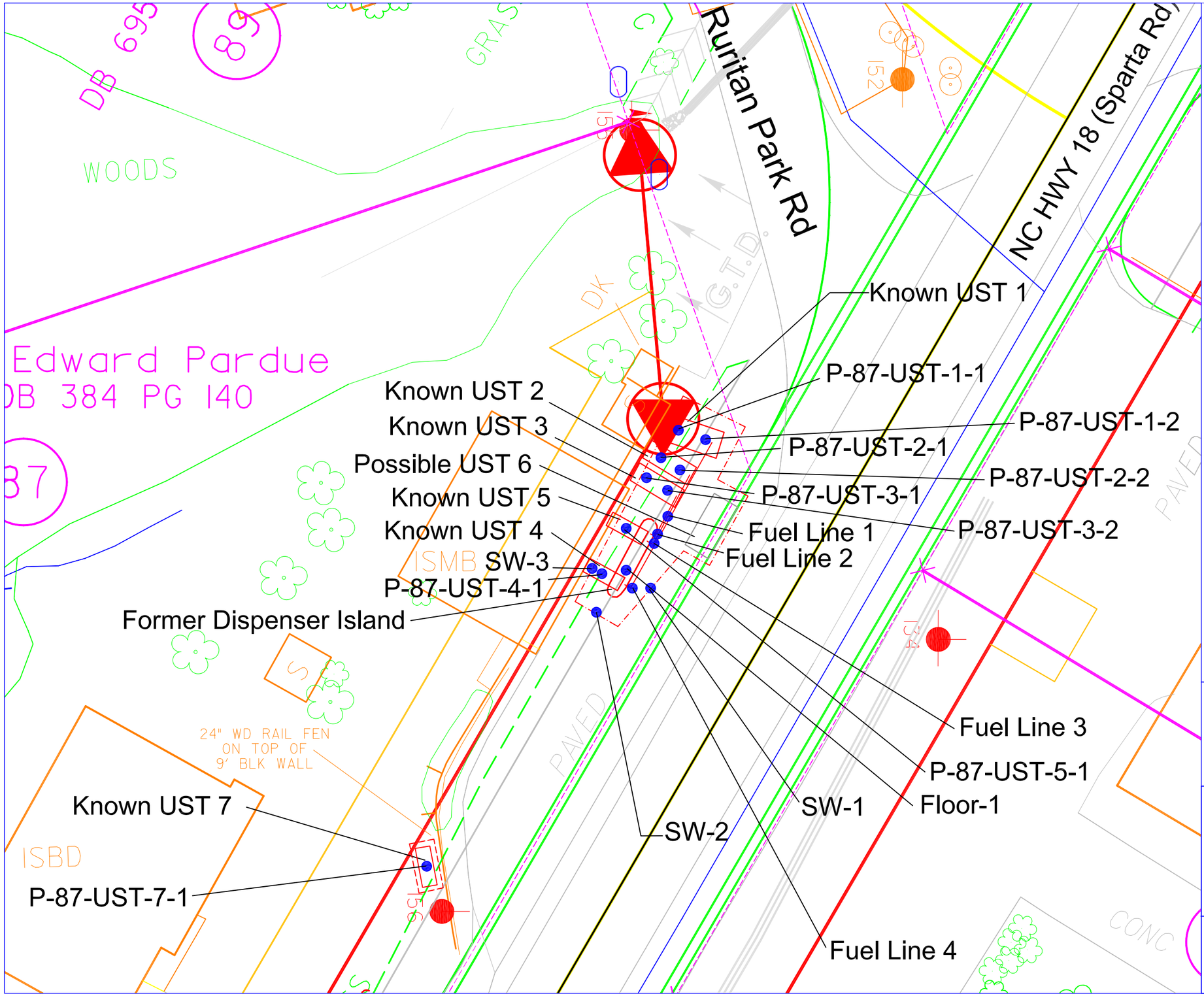

LEGEND

- Proposed Right of Way
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- Excavation
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- Dispenser Islands
- Utility Pole
- Sample Location

0' 10' 20' 30'

1" = 20'

Figure 3
Sample Location Map
Parcel #87 Edward Pardue Property
(Former Olaf Adams Property)

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Sample Identification	UST-2-1
Sample Depth (Feet bgs)	8
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.8
	VPH C_9-C_{12} < 2.8
	EPH C_9-C_{18} < 10.7
	EPH C_{19}-C_{36} < 10.7
Aromatics	VPH C_9-C_{10} < 2.8
	EPH C_{11}-C_{22} < 10.7

Sample Identification	UST-1-1
Sample Depth (Feet bgs)	8.5
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.5
	VPH C_9-C_{12} < 2.5
	EPH C_9-C_{18} < 10.2
	EPH C_{19}-C_{36} < 10.2
Aromatics	VPH C_9-C_{10} < 2.5
	EPH C_{11}-C_{22} < 10.2

Sample Identification	UST-1-2
Sample Depth (Feet bgs)	8.5
VOC by 8260 (µg/kg)	
Acetone	177
Toluene	6.7
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.6
	VPH C_9-C_{12} < 2.6
	EPH C_9-C_{18} < 10.2
	EPH C_{19}-C_{36} < 10.2
Aromatics	VPH C_9-C_{10} < 2.6
	EPH C_{11}-C_{22} < 10.2

Sample Identification	UST-3-1
Sample Depth (Feet bgs)	8
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.6
	VPH C_9-C_{12} < 2.6
	EPH C_9-C_{18} < 10.3
	EPH C_{19}-C_{36} < 10.3
Aromatics	VPH C_9-C_{10} < 2.6
	EPH C_{11}-C_{22} < 10.3

Sample Identification	UST-2-2
Sample Depth (Feet bgs)	8
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.5
	VPH C_9-C_{12} < 2.5
	EPH C_9-C_{18} < 10.2
	EPH C_{19}-C_{36} < 10.2
Aromatics	VPH C_9-C_{10} < 2.5
	EPH C_{11}-C_{22} < 10.2

Sample Identification	UST-5-1
Sample Depth (Feet bgs)	5
VOC by 8260 (µg/kg)	
Acetone	129
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 <3.9
	VPH C_9-C_{12} <3.9
	EPH C_9-C_{18} <12.2
	EPH C_{19}-C_{36} <12.2
Aromatics	VPH C_9-C_{10} <3.9
	EPH C_{11}-C_{22} <12.2

Sample Identification	UST-4-1
Sample Depth (Feet bgs)	5
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 3.3
	VPH C_9-C_{12} < 3.3
	EPH C_9-C_{18} < 12.5
	EPH C_{19}-C_{36} < 12.5
Aromatics	VPH C_9-C_{10} < 3.3
	EPH C_{11}-C_{22} < 12.5

Sample Identification	UST-3-2
Sample Depth (Feet bgs)	8
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.8
	VPH C_9-C_{12} < 2.8
	EPH C_9-C_{18} < 10.7
	EPH C_{19}-C_{36} < 10.7
Aromatics	VPH C_9-C_{10} < 2.8
	EPH C_{11}-C_{22} < 10.7

Sample Identification	Fuel Line-4
Sample Depth (Feet bgs)	3
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.9
	VPH C_9-C_{12} < 2.9
	EPH C_9-C_{18} < 12.1
	EPH C_{19}-C_{36} < 12.1
Aromatics	VPH C_9-C_{10} < 2.9
	EPH C_{11}-C_{22} < 12.1

Sample Identification	Fuel Line-3
Sample Depth (Feet bgs)	3
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 3.4
	VPH C_9-C_{12} < 3.4
	EPH C_9-C_{18} 18.9
	EPH C_{19}-C_{36} < 12.4
Aromatics	VPH C_9-C_{10} < 3.4
	EPH C_{11}-C_{22} < 12.4

Sample Identification	Fuel Line-1
Sample Depth (Feet bgs)	3
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.5
	VPH C_9-C_{12} < 2.5
	EPH C_9-C_{18} < 10.4
	EPH C_{19}-C_{36} < 10.4
Aromatics	VPH C_9-C_{10} < 2.5
	EPH C_{11}-C_{22} < 10.4

Sample Identification	Fuel Line-2
Sample Depth (Feet bgs)	3
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 2.5
	VPH C_9-C_{12} < 2.5
	EPH C_9-C_{18} < 10.4
	EPH C_{19}-C_{36} < 10.4
Aromatics	VPH C_9-C_{10} < 2.5
	EPH C_{11}-C_{22} < 10.4

Sample Identification	UST-7-1
Sample Depth (Feet bgs)	5
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics	VPH C_5-C_8 < 3.5
	VPH C_9-C_{12} < 3.5
	EPH C_9-C_{18} < 12.3
	EPH C_{19}-C_{36} < 12.3
Aromatics	VPH C_9-C_{10} < 3.5
	EPH C_{11}-C_{22} < 12.3

Ruritan Park Rd

NC HWY 18 (Sparta Rd)

WOODS

dward Pardue

384 PG 140

DB 695

89

ISMB

SBD

CONC

8

LEGEND

- Proposed Right of Way
- Existing Property Line
- Existing Right of Way
- C — Cut Line
- F — Fill Line
- Known UST
- Fuel Line
- Possible UST
- Excavation
- Utility Easement
- Dispenser Islands
- Utility Pole
- Sample Location

Note: UST samples were collected 8-1-11, Fuel Line Samples were collected on 8-2-11.

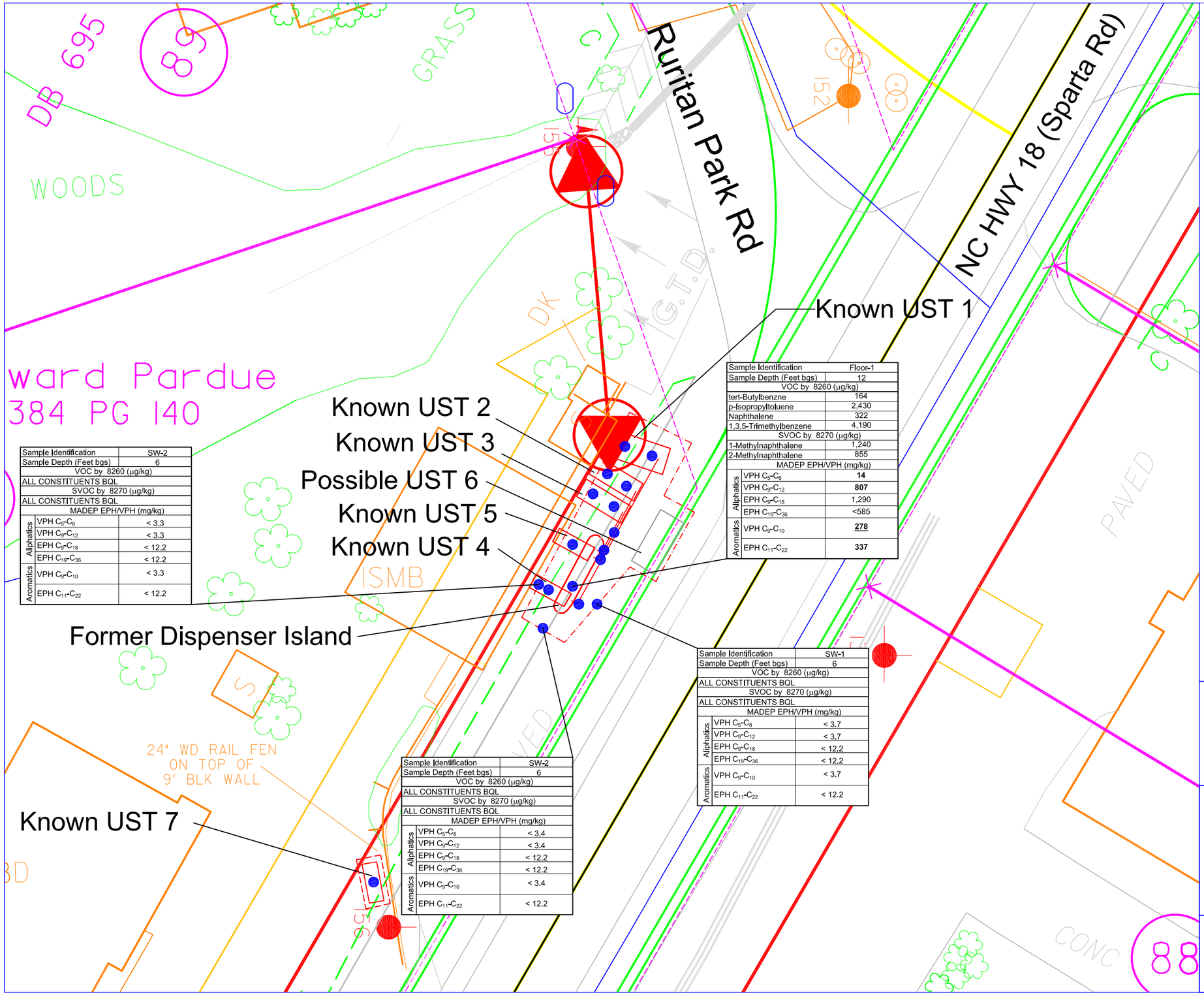
0' 10' 20' 30'

1" = 20'

Figure 4
UST Closure Samples and Detections
Parcel #87 Edward Pardue Property
(Former Olaf Adams Property)

NC Department of Transportation
Geotechnical Unit
WBS Element: 35579.1.1
TIP# R-3405

amec



Sample Identification	SW-2
Sample Depth (Feet bgs)	6
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	< 3.3
Aliphatics: VPH C_9-C_{12}	< 3.3
Aliphatics: EPH C_9-C_{18}	< 12.2
Aliphatics: EPH C_{19}-C_{36}	< 12.2
Aromatics: VPH C_9-C_{10}	< 3.3
Aromatics: EPH C_{11}-C_{22}	< 12.2

Sample Identification	Floor-1
Sample Depth (Feet bgs)	12
VOC by 8260 (µg/kg)	
tert-Butylbenzne	164
p-Isopropyltoluene	2,430
Naphthalene	322
1,3,5-Trimethylbenzene	4,190
SVOC by 8270 (µg/kg)	
1-Methylnaphthalene	1,240
2-Methylnaphthalene	855
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	**14**
Aliphatics: VPH C_9-C_{12}	**807**
Aliphatics: EPH C_9-C_{18}	1,290
Aliphatics: EPH C_{19}-C_{36}	<585
Aromatics: VPH C_9-C_{10}	**278**
Aromatics: EPH C_{11}-C_{22}	**337**

Sample Identification	SW-1
Sample Depth (Feet bgs)	6
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	< 3.7
Aliphatics: VPH C_9-C_{12}	< 3.7
Aliphatics: EPH C_9-C_{18}	< 12.2
Aliphatics: EPH C_{19}-C_{36}	< 12.2
Aromatics: VPH C_9-C_{10}	< 3.7
Aromatics: EPH C_{11}-C_{22}	< 12.2

Sample Identification	SW-2
Sample Depth (Feet bgs)	6
VOC by 8260 (µg/kg)	
ALL CONSTITUENTS BQL	
SVOC by 8270 (µg/kg)	
ALL CONSTITUENTS BQL	
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	< 3.4
Aliphatics: VPH C_9-C_{12}	< 3.4
Aliphatics: EPH C_9-C_{18}	< 12.2
Aliphatics: EPH C_{19}-C_{36}	< 12.2
Aromatics: VPH C_9-C_{10}	< 3.4
Aromatics: EPH C_{11}-C_{22}	< 12.2

LEGEND

- Proposed Right of Way
- Existing Property Line
- Existing Right of Way
- C — Cut Line
- F — Fill Line
- Known UST
- Fuel Line
- Possible UST
- Excavation
- Utility Easement
- Dispenser Islands
- Utility Pole
- Sample Location

Note: Sidewall samples and Floor sample was collected on 8-2-11.

0' 10' 20' 30'

1" = 20'

Figure 5
Confirmation Sample and Detections
Parcel #87 Edward Pardue Property
(Former Olaf Adams Property)

NC Department of Transportation
Geotechnical Unit
WBS Element: 35579.1.1
TIP# R-3405

amec

TABLES

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
Tel – (919) 447-2750
Fax – (919) 447-2751
www.amec.com

Table 1
PID Field Screening
Parcel 87, Edward Pardue Property (Former Olaf Adams Property)
North Wilkesboro, North Carolina

SAMPLE ID	Sample Date	Comments	Sample Depth (feet bgs)	Field Screening (ppm)
P-1	8/1/2011	Composite Grab Over USTs 1,2 and 3	2.5	1.5
P-2	8/1/2011	Composite Grab Over USTs 1,2 and 3	2.5	4.5
P-3	8/1/2011	Composite Grab Over USTs 1,2 and 3	2.5	9
P-4	8/1/2011	Composite Grab Over USTs 1,2 and 3	2.5	6.2
P-5	8/1/2011	Composite Grab Over USTs 1,2 and 3	2.5	4
P-6	8/1/2011	UST-1-1	8.5	3.5
P-7	8/1/2011	UST-1-2	8.5	5.8
P-8	8/1/2011	UST-2-1	8	2
P-9	8/1/2011	UST-2-2	8	3.8
P-10	8/1/2011	UST-3-1	8	0.9
P-11	8/1/2011	UST-3-2	8	4.2
P-12	8/1/2011	UST-4-1	5	6.1
P-13	8/1/2011	UST-5-1	5	33.2
P-14	8/1/2011	UST-7-1	5	3.2
P-15	8/2/2011	Fuel Line-1	3	3.2
P-16	8/2/2011	Fuel Line-2	3	2.9
P-17	8/2/2011	Fuel Line-3	2	4.5
P-18	8/2/2011	Fuel Line-4	3	5.6
P-19	8/2/2011	Floor-1	12	88.6
P-20	8/2/2011	SW-1	6	1.1
P-21	8/2/2011	SW-2	6	0.5
P-22	8/2/2011	SW-3	6	0.8

Notes: PPM = Parts Per Million

Table 2
Soil Analytical Data
Volatile Organic Compounds And Semi Volatile Organic Compounds
Parcel 87, Edward Pardue Property (Former Olaf Adams Property)
North Wilkesboro, North Carolina

Sample ID Number	Sample Date	Sample Depth (ft bgs)	VOC 8260b (µg/kg)						SVOC 8270 (µg/kg)	
			Acetone	tert-Butyl-benzene	Toluene	p-Isopropyl-toluene	Naphth-alene	1,3,5-Trimethylbenzene	1-Methylnaphthalene	2-Methylnaphthalene
Industrial/Commercial MSCC			*360,000,000*	*16,350,000*	*32,000,000*	*NE*	*8,176,000*	*20,440,000*	*NE*	*1,635,000*
Residential MSCC			*14,000,000*	*626,000*	*1,200,000*	*NE*	*313,000*	*782,000*	*NE*	*63,000*
Soil-to-Groundwater MSCC			*24,000*	*3,400*	*4,300*	*NE*	*580*	*8,300*	*NE*	*3,600*
UST-1-1	8/1/2011	8.5	<95.3	<4.8	<4.8	<4.8	<4.8	<4.8	<339	<339
UST-1-2	8/1/2011	8.5	177	<4.5	6.7	<4.5	<4.5	<4.5	<339	<339
UST-2-1	8/1/2011	8	<95.7	<4.8	<4.8	<4.8	<4.8	<4.8	<357	<357
UST-2-2	8/1/2011	8	<96.5	<4.8	<4.8	<4.8	<4.8	<4.8	<342	<342
UST-3-1	8/1/2011	8	<93.1	<4.7	<4.7	<4.7	<4.7	<4.7	<343	<343
UST-3-2	8/1/2011	8	<96.7	<4.8	<4.8	<4.8	<4.8	<4.8	<357	<357
UST-4-1	8/1/2011	5	<104	<5.2	<5.2	<5.2	<5.2	<5.2	<417	<417
UST-5-1	8/1/2011	5	129	<5.6	<5.6	<5.6	<5.6	<5.6	<401	<401
UST-7-1	8/1/2011	5	<110	<5.5	<5.5	<5.5	<5.5	<5.5	<407	<407
Fuel Line-1	8/2/2011	3	<95.6	<4.8	<4.8	<4.8	<4.8	<4.8	<346	<346
Fuel Line-2	8/2/2011	3	<90.8	<4.5	<4.5	<4.5	<4.5	<4.5	<345	<345
Fuel Line-3	8/2/2011	3	<106	<5.3	<5.3	<5.3	<5.3	<5.3	<414	<414
Fuel Line-4	8/2/2011	3	<96.1	<4.8	<4.8	<4.8	<4.8	<4.8	<398	<398
SW-1	8/2/2011	6	<86.3	<4.3	<4.3	<4.3	<4.3	<4.3	<403	<403
SW-2	8/2/2011	6	<102	<5.1	<5.1	<5.1	<5.1	<5.1	<408	<408
SW-3	8/2/2011	6	<87.0	<4.3	<4.3	<4.3	<4.3	<4.3	<404	<404
Floor-1	8/2/2011	12	<2,980	164	<149	2,430	322	4,190	1,240	855

NOTES:
(µg/kg) = Micrograms per kilogram
MSCC = Maximum soil contaminant concentration (MSCC from January 2010)
NE - Not established
VOC = Volatile organic compounds
SVOC = Semivolatile organic compounds
J = Analyte was detected, but at a concentration below the laboratory reporting limit
ft bgs = feet below ground surface
Concentrations which exceed the Soil-to-Groundwater MSCC are highlighted in**BOLD**
Concentrations which exceed the Residential MSCC are highlighted in**BOLD** and Underlined
Concentrations which exceed the Industrial/Commercial MSCC are highlighed in**BOLD**, Underlined and Shaded Gray

Table 3
Soil Analytical Data
Volatile Petroleum Hydrocarbons/Extractable Petroleum Hydrocarbons
Parcel 87, Edward Pardue Property (Former Olaf Adams Property)
North Wilkesboro, North Carolina

Sample ID Number	Sample Date	Sample Depth (ft bgs)	Aliphatics (mg/kg)				Aromatics (mg/kg)	
			VPH C5-C8	VPH C9-C12	EPH C9-C18	EPH C19-C36	VPH C9-C10	EPH C11-C22
Industrial/Commercial MSCC			*24,528*	*245,280*		*>100%*	*12,264*	
Residential MSCC			*939*	*9,386*		*93,860*	*469*	
Soil-to-Groundwater MSCC			*72*	*3,300*		*Immobile*	*34*	
UST-1-1	8/1/2011	8.5	< 2.5	<2.5	<10.2	<10.2	<2.5	<10.2
UST-1-2	8/1/2011	8.5	< 2.6	<2.6	<10.2	<10.2	<2.6	<10.2
UST-2-1	8/1/2011	8	< 2.8	<2.8	<10.7	<10.7	<2.8	<10.7
UST-2-2	8/1/2011	8	< 2.5	<2.5	<10.2	<10.2	<2.5	<10.2
UST-3-1	8/1/2011	8	< 2.6	<2.6	<10.3	<10.3	<2.6	<10.3
UST-3-2	8/1/2011	8	< 2.8	<2.8	<10.7	<10.7	<2.8	<10.7
UST-4-1	8/1/2011	5	< 3.3	<3.3	<12.5	<12.5	<3.3	<12.5
UST-5-1	8/1/2011	5	< 3.9	<3.9	<12.2	<12.2	<3.9	<12.2
UST-7-1	8/1/2011	5	< 3.5	<3.5	<12.3	<12.3	<3.5	<12.3
Fuel Line-1	8/2/2011	3	< 2.5	<2.5	<10.4	<10.4	<2.5	<10.4
Fuel Line-2	8/2/2011	3	< 2.5	<2.5	<10.4	<10.4	<2.5	<10.4
Fuel Line-3	8/2/2011	3	< 3.4	<3.4	18.9	<12.4	<3.4	<12.4
Fuel Line-4	8/2/2011	3	< 2.9	< 2.9	< 12.1	<12.1	< 2.9	< 12.1
SW-1	8/2/2011	6	< 3.7	<3.7	<12.2	<12.2	<3.7	<12.2
SW-2	8/2/2011	6	< 3.3	<3.3	<12.2	<12.2	<3.3	<12.2
SW-3	8/2/2011	6	< 3.4	<3.4	<12.2	<12.2	<3.4	<12.2
Floor-1	8/2/2011	12	13.9	807	1,290	<585	**278**	**337**

NOTES:
VPH = Volatile petroleum hydrocarbons
MSCC = Maximum soil contaminant concentration
EPH = Extractable petroleum hydrocarbons
ft bgs = feet below land surface
(mg/kg) = milligrams per kilogram
Concentrations which exceed the Soil-to-Groundwater MSCC are highlighted in **BOLD**
Concentrations which exceed the Residential MSCC are highlighted in **BOLD** and Underlined
Concentrations which exceed the Industrial/Commercial MSCC are highlighted in **BOLD**, Underlined and Shaded Gray

APPENDIX A

PHOTO LOG

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
Tel – (919) 447-2750
Fax – (919) 447-2751
www.amec.com

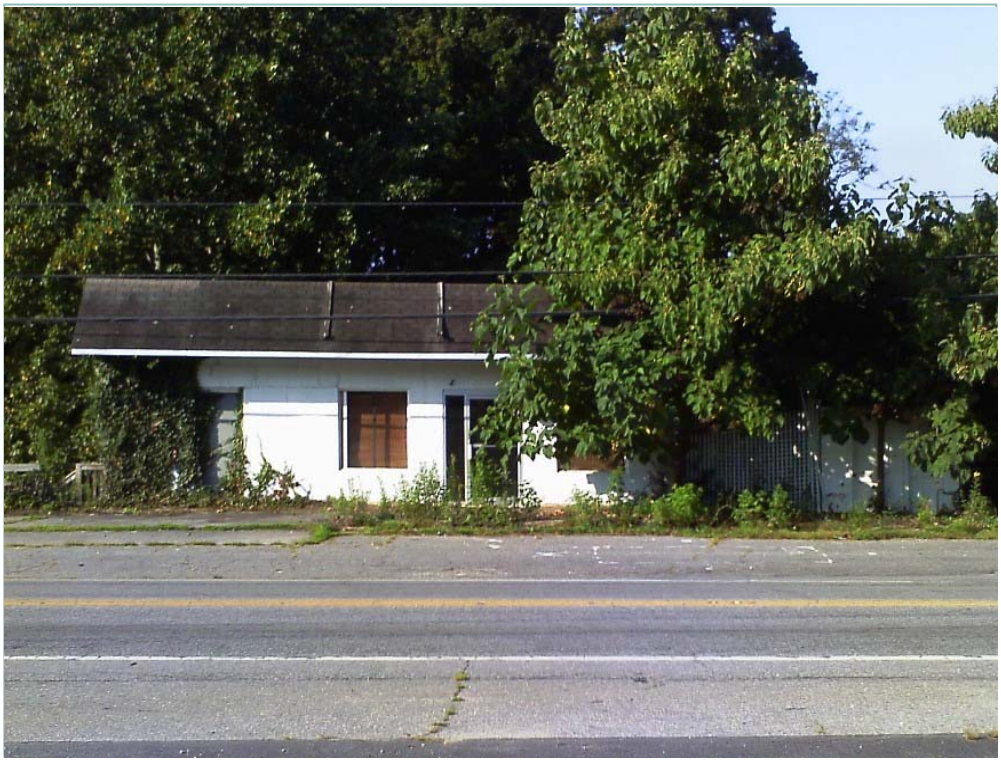


Photo 1

Photo viewing west of Parcel 87 prior to excavation activities. Looking from across Sparta Road.

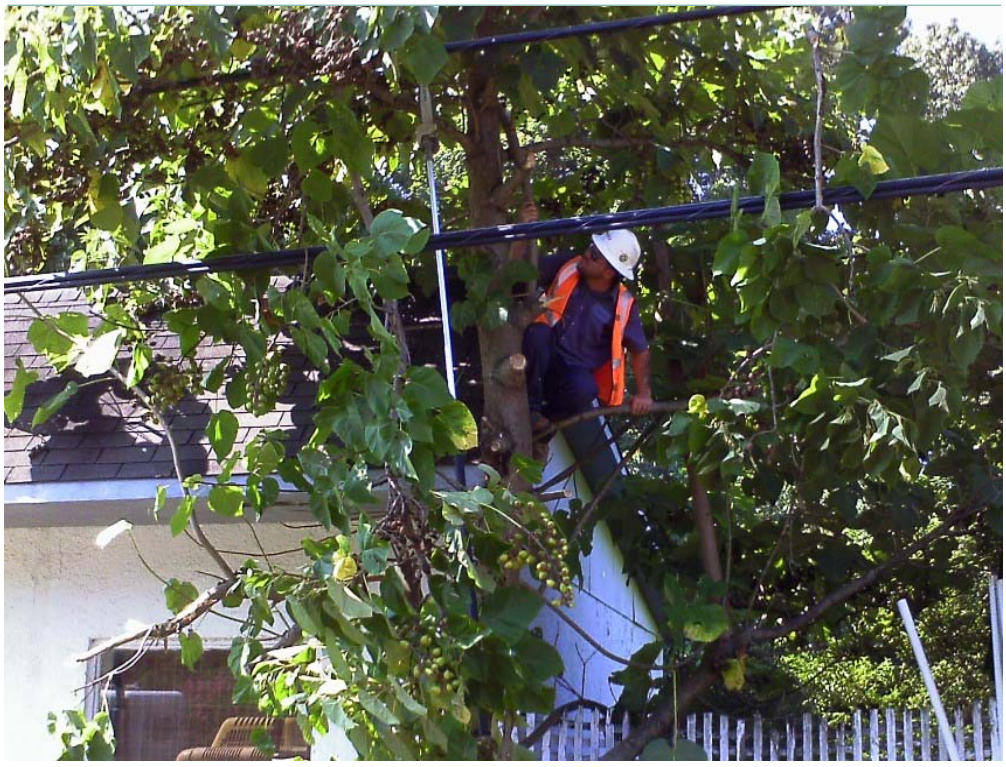


Photo 2

Photo of EVO personnel cutting tree limbs away from power lines.

Photo 3

Photo is of tree after being trimmed and cleared from overhead utility lines. Viewing northwest from east central portion of site.

Photo 4

Evo Corp. personnel power washing and vacuuming UST-2 in order to reduce the Lower Explosive Limit in the tank prior to removing UST from excavation and placing on flat bed truck.

Photo 5

Evo Corp. personnel adding dry ice to UST-3 in order to reduce the Lower Explosive Limit in the tank prior to removing UST from excavation and placing on flat bed truck.

Photo 6

Photo of UST-3 being pulled from excavation. Viewing northeast from central portion of the parcel.

Photo 7

Photo shows condition of UST-5. The portion of the UST not intact was directly under the former dispenser island.

Photo 8

Flat bed truck after USTs were loaded and strapped down for removal from site.

Photo 9

Viewing north of the NCDOT pilot car leading traffic around the work site.

Photo 10

Viewing north of the excavation after backfill and gravel was added. EVO personnel are cleaning the site.

APPENDIX B

MANIFESTS AND DISPOSAL CERTIFICATES

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
Tel – (919) 447-2750
Fax – (919) 447-2751
www.amec.com

ENVIRONMENTAL AND INDUSTRIAL RESOURCES

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 112.29 tons of non-hazardous contaminated material received on 08/01/2011 and 08/02/2011 from:

Generator: James C. Pardue

Originating at: 1429 Sparta Rd.
North Wilkesboro, NC

EC Waste ID #: 081107

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

ENVIRONMENTAL AND INDUSTRIAL RESOURCES

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 150 gallons of non-hazardous contaminated water received on 08/01/2011 from:

Generator: James C. Pardue

Originating at: 1429 Sparta Rd.
North Wilkesboro, NC

EC Waste ID #: 081107

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Thomas W. Hammett

Signature

Thomas W. Hammett
CEO
Evo Corporation

ENVIRONMENTAL AND INDUSTRIAL RESOURCES

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

TANKS DISPOSAL CERTIFICATE

Tank Owner: James C. Pardue

Site Address: 1429 Sparta Rd.
North Wilkesboro, NC

Description of Tanks:

Tank Number	Size of Tank	Contents
1	2,000 Gallons	Gasoline
2	1,000 Gallons	Gasoline
3	1,000 Gallons	Diesel
4	750 Gallons	#2 Fuel Oil
5	750 Gallons	Petroleum
6	750 Gallons	Petroleum

Transporter: Evo Corporation

EC Project #: 081107

Disposal Certification:

Evo Corporation does hereby certify that the above named storage tanks were transported to OmniSource Southeast in Winston-Salem, NC for proper disposal and recycling.

Signature

Thomas W. Hammett
CEO
Evo Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load #   Manifest No. 71904

GENERATOR INFORMATION

Generator: James C. Pardue – Parcel 87   Phone: 704-236-3494
Site Address: 1429 Sparta Road
City/State: North Wilkesboro, NC 28659   Contact: Helen Corley

Mary J. Nolschul of AMEC for NC DOT

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 71360   Material: Soil
Empty Weight (lbs): 33480   Contaminant: Gasoline
Net Weight (lbs): 37880

Quantity: 18.94   (Tons) Drums Pails Sacs Yards Other: ______

TRANSPORTER INFORMATION

Transporter: Evo Corporation   Phone: 336-725-5844
Truck #: 202   Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Mitch Queen   Date: 8-1-11

FACILITY INFORMATION

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Evo Project #: 081107
Phone: (336) 725-5844
Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: [signature]   Date: 08/01/11

White/Facility   Canary/Invoice   Goldenrod/Generator   Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 71913

GENERATOR INFORMATION

Generator: James C. Pardue - Parcel 87 Phone: 704-236-3494
Site Address: 1429 Sparta Road
City/State: North Wilkesboro, NC 28659 Contact: Helen Corley

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 79,200 Material: Soil
Empty Weight (lbs): 31,640 Contaminant: Gasoline
Net Weight (lbs): 47,560

Quantity 23.78 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 206 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 8-2-11

FACILITY INFORMATION

Evo Project #: 081107

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844
Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Date: 8-2-11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 71914

GENERATOR INFORMATION

Generator: James C. Pardue – Parcel 87 Phone: 704-236-3494

Site Address: 1429 Sparta Road
North Wilkesboro, NC 28659

City/State:

Contact: Helen Corley

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 80960

Empty Weight (lbs): 34940

Net Weight (lbs): 46020

Material: Soil
Gasoline

Contaminant:

Quantity: 23.01

(Tons) Drums Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844

Truck #: 204/301 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: [signature] Date: 8-2-11

FACILITY INFORMATION

081107

Evo Project #:

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: [signature] Date: 08/02/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 71905

GENERATOR INFORMATION

Generator: James C. Pardue – Parcel 87 Phone: 704-236-3494

Site Address: 1429 Sparta Road

City/State: North Wilkesboro, NC 28659 Contact: Helen Corley

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 74,500 Material: Soil

Empty Weight (lbs): 31,660 Contaminant: Gasoline

Net Weight (lbs): 42,840

Quantity 23.92 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844

Truck #: 208/317 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: [signature] Date: 08-02-11

FACILITY INFORMATION

Evo Project #: 081107

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: [signature] Date: 08/02/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 71906

GENERATOR INFORMATION

Generator: James C. Pardue - Parcel 87

Phone: 704-236-3494

Site Address: 1429 Sparta Road

City/State: North Wilkesboro, NC 28659

Contact: Helen Corley

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 79180

Material: Soil

Empty Weight (lbs): 33900

Contaminant: Gasoline

Net Weight (lbs): 45280

Quantity: 22.65 645 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 205

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Ronald W. Davis

Date: 08-01-2014

FACILITY INFORMATION

081107

Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: _____

Date: 08/01/14

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Scale Ticket No. 47341

OmniSource

SOUTHEAST
3415 Glenn Avenue
Winston-Salem, NC 27105
(336) 725-8333

1:31 PM 8/01/2011
71360 lb G

Customer ENO

Truck ID MQ #202

Job # 081107

Commodity Contaminated Soil

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2012
JARED HARDISON

PAID
35.00

Customer Signature

Scale Ticket No. 47348

081107
Wilkesboro, N.C

OmniSource

SOUTHEAST
3415 Glenn Avenue
Winston-Salem, NC 27105
(336) 725-8333

10:46 AM 8/02/2011
79200 lb G

Customer Evo

Truck ID 206

Commodity Paid $5.00

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2012
JARED HARDISON
VALID UNLESS ALTERED

Customer Signature

Scale Ticket No. 47350

OmniSource

SOUTHEAST
3415 Glenn Avenue
Winston-Salem, NC 27105
(336) 725-8333

081107
204/301
JZM

11:29 AM 8/02/2011
80360 lb G

Customer Evo

Truck ID 204/301

Commodity

Paid $5.00

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2012
JARED HARDISON 34138
INVALID UNLESS SIGNED

Customer Signature

C

Scale Ticket No. 47346

Job # 081107
North Wilkesboro, NC

OmniSource

SOUTHEAST
3415 Glenn Avenue
Winston-Salem, NC 27105
(336) 725-8333

9:35 AM 8/02/2011
79500 lb G

Customer Evo

Truck ID

Commodity

Paid $5.00

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2012
JARED HARDISON 34138
INVALID UNLESS SIGNED

Customer Signature

HORN'S AMBEST TRAVEL CENTER
CERTIFIED SCALES

I-40 & Hwy. 601 • Exit 170
Mocksville, NC 27028

DATE: TIME:

#081107
RONALD
DAVIS

Steering:	10040	08-01-11	
Drive :	31820	Ticket :	#34517
Tandem :	37320	Customer:	~~CRP~~ EVO
		Truck :	205
		Trailer :	301
Total :	79180	SINGLE $8.00	

PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 20[illegible]
MARY RAWLINS

TOTAL WT. IS THE GROSS WEIGHT

COMMODITY: _____ WEIGHER SIGNATURE X _____

Horn Oil Co., Inc. **guarantee's** that the **gross weight** on this ticket is accurate, as witnessed by a trained "scalemaster".
If you get a **gross overweight** citation from the state **after** weighing legal at this location, we will check our scales for accuracy. And,
If our scale is inaccurate we will reimburse you for the fine, OR
If our scale is correct we will appear in court with you as an expert witness.
If you do receive a citation after weighing at our location, please call: Horn's Auto/Truck Plaza (336) 751-3815.
AND, Send a copy of the citation and this weigh ticket along with your company, name, address, and phone number to the address on this ticket.
The **GROSS WEIGHT** is the **GUARANTEED** and **CERTIFIED WEIGHT**, and it was weighed on a full length platform scale.

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 71903

GENERATOR INFORMATION

Generator: James C. Pardue - Parcel 87

Phone: 704-236-3494

Site Address: 1429 Sparta Road
North Wilkesboro, NC 28659

City/State:

Contact: Helen Corley

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs):

Material: Water

Empty Weight (lbs):

Contaminant: Gasoline / #2 Fuel Oil

Net Weight (lbs):

Quantity 150

Tons Drums Pails Sacs Yards Other: Cut

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 402

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature:

Date: 8/1/11

FACILITY INFORMATION

081107

Evo Project #:

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature:

Date: 08/01/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

APPENDIX C

EXCAVATION LOGS

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
Tel – (919) 447-2750
Fax – (919) 447-2751
www.amec.com

	EXCAVATION NO: UST-7
EXCAVATION LOG: Parcel 87 - WBS Element: 35579.1.1	**PAGE** 1 **OF** 1
LOCATION: 1429 Sparta Rd, North Wilkesboro, North Carolina	**DATE:** 9/7/11
CONTRACTOR: Evo Corporation.	**START:** 8/1/11
HELPER: N/A	**FINISH:** 8/1/11
EXCAVATION METHOD: Track Hoe	**LOGGED BY: TLH**

NOTES:
No groundwater encountered

DEPTH TO ROCK: No bedrock was encountered

TOTAL DEPTH OF EXCAVATION: 5 ft bgs

DEPTH IN FEET		MOISTURE	SOIL / BEDROCK DESCRIPTION	PID - Maximum (ppm)
FROM	TO			
0	2	Moist	Orange, Well Sorted, Clayey Silt	0
2	5	Moist	Yellow/Orange, Well Sorted, Clayey Silt	3.2

amec	**EXCAVATION NO: UST-1 Through 5**
EXCAVATION LOG: Parcel 87 - WBS Element: 35579.1.1	**PAGE** 1 **OF** 1
LOCATION: 1429 Sparta Rd, North Wilkesboro, North Carolina	**DATE:** 9/7/11
CONTRACTOR: Evo Corporation.	**START:** 8/1/11
HELPER: N/A	**FINISH:** 8/1/11
EXCAVATION METHOD: Track Hoe	**LOGGED BY: TLH**

NOTES:
No groundwater encountered

DEPTH TO ROCK: No bedrock was encountered

TOTAL DEPTH OF EXCAVATION: 12 ft bgs

DEPTH IN FEET		MOISTURE	SOIL / BEDROCK DESCRIPTION	PID - Maximum (ppm)
FROM	TO			
0	.05	Moist	Asphalt/Aggregate	0
.05	4	Moist	Brown, Well Sorted, Clayey Silt	5.6
4	6	Moist	Orange and Yellow Marbled, Well Sorted, Clayey Silt	1.1
6	9	Moist	Orange and Yellow Marbled, Well Sorted, Silt	33.2
9	12	Moist	Orange, Well Sorted, Silt	88.6

APPENDIX D

LABORATORY ANALYTICAL REPORT AND CHAIN OF CUSTODY RECORDS

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
Tel – (919) 447-2750
Fax – (919) 447-2751
www.amec.com

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

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

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

August 15, 2011

Chemical Testing Engineer
NCDOT
Materials & Tests Unit
1801 Blueridge Road
Raleigh, NC 27607

RE: Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Dear Chemical Engineer:
Enclosed are the analytical results for sample(s) received by the laboratory on August 02, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards, where applicable, unless otherwise narrated in the body of the report.

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

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

Sincerely,

Kevin Herring for
Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

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

Pace Analytical
www.pacelabs.com

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SAMPLE ANALYTE COUNT

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9299537001	**P-87-UST-1-1 (8.5 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537002	**P-87-UST-1-2 (8.5 FT)**	MADEP EPH	RES	5	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537003	**P-87-UST-2-1 (8 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537004	**P-87-UST-2-2 (8 FT)**	MADEP EPH	RES	5	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537005	**P-87-UST-3-1 (8 FT)**	MADEP EPH	RES	5	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537006	**P-87-UST-3-2 (8 FT)**	MADEP EPH	RES	5	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537007	**P-87-UST-4-1 (5 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537008	**P-87-UST-5-1 (5 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537009	**P-87-UST-7-1 (5 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537010	**FUEL LINE 1 (3 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537011	**FUEL LINE 2 (3 FT)**	MADEP EPH	RES	5	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537012	**FUEL LINE 3 (3 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537013	**FUEL LINE 4 (3 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537014	**FLOOR-1 (12 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537015	**SW-1 (6 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C

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SAMPLE ANALYTE COUNT

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	TNM	1	PASI-C
9299537016	**SW-2 (6 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9299537017	**SW-3 (6 FT)**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C

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HITS ONLY

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
9299537001	**P-87-UST-1-1 (8.5 FT)**					
ASTM D2974-87	Percent Moisture	2.7	%	0.10	08/03/11 13:52	
9299537002	**P-87-UST-1-2 (8.5 FT)**					
EPA 8260	Acetone	177	ug/kg	90.0	08/08/11 18:58	C9
EPA 8260	Toluene	6.7	ug/kg	4.5	08/08/11 18:58	
ASTM D2974-87	Percent Moisture	2.5	%	0.10	08/03/11 13:53	
9299537003	**P-87-UST-2-1 (8 FT)**					
MADEP VPH	Aliphatic (C09-C12)	6.7	mg/kg	2.8	08/03/11 17:03	N2
ASTM D2974-87	Percent Moisture	7.6	%	0.10	08/03/11 13:53	
9299537004	**P-87-UST-2-2 (8 FT)**					
ASTM D2974-87	Percent Moisture	3.5	%	0.10	08/03/11 13:38	
9299537005	**P-87-UST-3-1 (8 FT)**					
ASTM D2974-87	Percent Moisture	3.9	%	0.10	08/03/11 13:39	
9299537006	**P-87-UST-3-2 (8 FT)**					
ASTM D2974-87	Percent Moisture	7.5	%	0.10	08/03/11 13:39	
9299537007	**P-87-UST-4-1 (5 FT)**					
ASTM D2974-87	Percent Moisture	20.9	%	0.10	08/03/11 13:39	
9299537008	**P-87-UST-5-1 (5 FT)**					
EPA 8260	Acetone	129	ug/kg	112	08/08/11 20:59	C9
ASTM D2974-87	Percent Moisture	17.7	%	0.10	08/03/11 13:40	
9299537009	**P-87-UST-7-1 (5 FT)**					
ASTM D2974-87	Percent Moisture	18.8	%	0.10	08/03/11 13:40	
9299537010	**FUEL LINE 1 (3 FT)**					
ASTM D2974-87	Percent Moisture	4.6	%	0.10	08/03/11 13:40	
9299537011	**FUEL LINE 2 (3 FT)**					
ASTM D2974-87	Percent Moisture	4.4	%	0.10	08/03/11 13:41	
9299537012	**FUEL LINE 3 (3 FT)**					
MADEP EPH	Aliphatic (C09-C18)	18.9	mg/kg	12.4	08/08/11 22:16	N2
ASTM D2974-87	Percent Moisture	20.2	%	0.10	08/03/11 13:41	
9299537013	**FUEL LINE 4 (3 FT)**					
ASTM D2974-87	Percent Moisture	17.2	%	0.10	08/03/11 13:42	
9299537014	**FLOOR-1 (12 FT)**					
MADEP EPH	Aliphatic (C09-C18)	1290	mg/kg	585	08/10/11 09:51	N2
MADEP EPH	Aromatic (C11-C22)	337	mg/kg	46.8	08/10/11 09:51	N2
MADEP VPH	Aliphatic (C05-C08)	13.9	mg/kg	3.2	08/04/11 20:51	N2
MADEP VPH	Aliphatic (C09-C12)	807	mg/kg	3.2	08/04/11 20:51	N2,NC
MADEP VPH	Aromatic (C09-C10)	278	mg/kg	3.2	08/04/11 20:51	N2,NC
EPA 8270	1-Methylnaphthalene	1240	ug/kg	388	08/06/11 21:11	
EPA 8270	2-Methylnaphthalene	855	ug/kg	388	08/06/11 21:11	
EPA 8260	tert-Butylbenzene	164	ug/kg	149	08/09/11 18:43	

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HITS ONLY

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
9299537014	**FLOOR-1 (12 FT)**					
EPA 8260	p-Isopropyltoluene	2430	ug/kg	149	08/09/11 18:43	
EPA 8260	Naphthalene	322	ug/kg	149	08/09/11 18:43	
EPA 8260	1,3,5-Trimethylbenzene	4190	ug/kg	149	08/09/11 18:43	
ASTM D2974-87	Percent Moisture	14.9	%	0.10	08/03/11 13:42	
9299537015	**SW-1 (6 FT)**					
ASTM D2974-87	Percent Moisture	18.2	%	0.10	08/03/11 13:42	
9299537016	**SW-2 (6 FT)**					
ASTM D2974-87	Percent Moisture	19.1	%	0.10	08/03/11 13:43	
9299537017	**SW-3 (6 FT)**					
ASTM D2974-87	Percent Moisture	18.2	%	0.10	08/03/11 13:43	

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: August 15, 2011

General Information:
17 samples were analyzed for MADEP EPH. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with MADEP EPH with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/14424

S4: Surrogate recovery not evaluated against control limits due to sample dilution.
- FLOOR-1 (12 FT) (Lab ID: 9299537014)
  - Nonatriacontane (S)

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
- FLOOR-1 (12 FT) (Lab ID: 9299537014)
  - 2-Bromonaphthalene (S)
  - 2-Fluorobiphenyl (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: August 15, 2011

Analyte Comments:

QC Batch: OEXT/14424

N2: The lab does not hold TNI accreditation for this parameter.

- BLANK (Lab ID: 643034)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- FLOOR-1 (12 FT) (Lab ID: 9299537014)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- FUEL LINE 1 (3 FT) (Lab ID: 9299537010)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- FUEL LINE 2 (3 FT) (Lab ID: 9299537011)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- FUEL LINE 3 (3 FT) (Lab ID: 9299537012)
  - Aromatic (C11-C22)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
- FUEL LINE 4 (3 FT) (Lab ID: 9299537013)
  - Aromatic (C11-C22)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
- LCS (Lab ID: 643035)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- LCSD (Lab ID: 643036)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P-87-UST-1-1 (8.5 FT) (Lab ID: 9299537001)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P-87-UST-1-2 (8.5 FT) (Lab ID: 9299537002)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P-87-UST-2-1 (8 FT) (Lab ID: 9299537003)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)

PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: August 15, 2011

Analyte Comments:

QC Batch: OEXT/14424

N2: The lab does not hold TNI accreditation for this parameter.

- P-87-UST-2-1 (8 FT) (Lab ID: 9299537003)
  - Aromatic (C11-C22)
- P-87-UST-2-2 (8 FT) (Lab ID: 9299537004)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P-87-UST-3-1 (8 FT) (Lab ID: 9299537005)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P-87-UST-3-2 (8 FT) (Lab ID: 9299537006)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P-87-UST-4-1 (5 FT) (Lab ID: 9299537007)
  - Aromatic (C11-C22)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
- P-87-UST-5-1 (5 FT) (Lab ID: 9299537008)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P-87-UST-7-1 (5 FT) (Lab ID: 9299537009)
  - Aromatic (C11-C22)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
- SW-1 (6 FT) (Lab ID: 9299537015)
  - Aromatic (C11-C22)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
- SW-2 (6 FT) (Lab ID: 9299537016)
  - Aromatic (C11-C22)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)

QC Batch: OEXT/14469

N2: The lab does not hold TNI accreditation for this parameter.

- BLANK (Lab ID: 645153)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- LCS (Lab ID: 645154)
  - Aliphatic (C09-C18)

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: August 15, 2011

Analyte Comments:

QC Batch: OEXT/14469

N2: The lab does not hold TNI accreditation for this parameter.

- LCS (Lab ID: 645154)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- LCSD (Lab ID: 645155)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- SW-3 (6 FT) (Lab ID: 9299537017)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: August 15, 2011

General Information:
17 samples were analyzed for MADEP VPH. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with MADEP VPH with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: GCV/5260

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- SW-1 (6 FT) (Lab ID: 9299537015)
  - 2,5-Dibromotoluene (FID)(S)
  - 2,5-Dibromotoluene (PID)(S)
- SW-2 (6 FT) (Lab ID: 9299537016)
  - 2,5-Dibromotoluene (FID)(S)
  - 2,5-Dibromotoluene (PID)(S)

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- FLOOR-1 (12 FT) (Lab ID: 9299537014)
  - 2,5-Dibromotoluene (FID)(S)
  - 2,5-Dibromotoluene (PID)(S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: August 15, 2011

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: GCV/5254

1g: Surrogate fails after Moisture Correction for Methanol.

- P-87-UST-4-1 (5 FT) (Lab ID: 9299537007)
  - 2,5-Dibromotoluene (PID)(S)
  - 2,5-Dibromotoluene (FID)(S)
- P-87-UST-7-1 (5 FT) (Lab ID: 9299537009)
  - 2,5-Dibromotoluene (PID)(S)
  - 2,5-Dibromotoluene (FID)(S)

N2: The lab does not hold TNI accreditation for this parameter.

- BLANK (Lab ID: 642112)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- LCS (Lab ID: 642113)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- LCSD (Lab ID: 642114)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P-87-UST-1-1 (8.5 FT) (Lab ID: 9299537001)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P-87-UST-1-2 (8.5 FT) (Lab ID: 9299537002)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P-87-UST-2-1 (8 FT) (Lab ID: 9299537003)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P-87-UST-2-2 (8 FT) (Lab ID: 9299537004)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P-87-UST-3-1 (8 FT) (Lab ID: 9299537005)
  - Aliphatic (C05-C08)

PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: August 15, 2011

Analyte Comments:

QC Batch: GCV/5254

N2: The lab does not hold TNI accreditation for this parameter.

- P-87-UST-3-1 (8 FT) (Lab ID: 9299537005)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P-87-UST-3-2 (8 FT) (Lab ID: 9299537006)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P-87-UST-4-1 (5 FT) (Lab ID: 9299537007)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
- P-87-UST-5-1 (5 FT) (Lab ID: 9299537008)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P-87-UST-7-1 (5 FT) (Lab ID: 9299537009)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)

QC Batch: GCV/5260

1g: Surrogate fails after Moisture Correction for Methanol.

- FUEL LINE 3 (3 FT) (Lab ID: 9299537012)
  - 2,5-Dibromotoluene (PID)(S)
  - 2,5-Dibromotoluene (FID)(S)
- FUEL LINE 4 (3 FT) (Lab ID: 9299537013)
  - 2,5-Dibromotoluene (PID)(S)
  - 2,5-Dibromotoluene (FID)(S)
- SW-3 (6 FT) (Lab ID: 9299537017)
  - 2,5-Dibromotoluene (FID)(S)

N2: The lab does not hold TNI accreditation for this parameter.

- BLANK (Lab ID: 642873)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- FLOOR-1 (12 FT) (Lab ID: 9299537014)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- FUEL LINE 1 (3 FT) (Lab ID: 9299537010)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: August 15, 2011

Analyte Comments:

QC Batch: GCV/5260

N2: The lab does not hold TNI accreditation for this parameter.

- FUEL LINE 2 (3 FT) (Lab ID: 9299537011)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- FUEL LINE 3 (3 FT) (Lab ID: 9299537012)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
- FUEL LINE 4 (3 FT) (Lab ID: 9299537013)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
- LCS (Lab ID: 642874)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- LCSD (Lab ID: 642875)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- SW-1 (6 FT) (Lab ID: 9299537015)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
- SW-2 (6 FT) (Lab ID: 9299537016)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
- SW-3 (6 FT) (Lab ID: 9299537017)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **EPA 8270**
Description: 8270 MSSV Microwave
Client: NCDOT
Date: August 15, 2011

General Information:
17 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/14405

S0: Surrogate recovery outside laboratory control limits.

- P-87-UST-3-2 (8 FT) (Lab ID: 9299537006)
  - 2-Fluorobiphenyl (S)

QC Batch: OEXT/14465

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

- P-87-UST-2-1 (8 FT) (Lab ID: 9299537003)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **EPA 8270**
Description: 8270 MSSV Microwave
Client: NCDOT
Date: August 15, 2011

QC Batch: OEXT/14405

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 9299537001

R1: RPD value was outside control limits.

- MSD (Lab ID: 642229)
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - 4-Chloro-3-methylphenol
  - 4-Nitroaniline
  - 4-Nitrophenol

QC Batch: OEXT/14465

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 9299883005

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 644817)
  - 1,2-Dichlorobenzene

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 644817)
  - 1,2-Dichlorobenzene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT
Date: August 15, 2011

General Information:
17 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/16248

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- LCS (Lab ID: 644722)
  - Bromomethane

QC Batch: MSV/16259

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- LCS (Lab ID: 644922)
  - Bromomethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT
Date: August 15, 2011

Analyte Comments:

QC Batch: MSV/16248

2g: The internal standard response is below criteria. No hits associated with this internal standard. Results unaffected by high bias.

- P-87-UST-1-2 (8.5 FT) (Lab ID: 9299537002)
  - Dichlorodifluoromethane

C9: Common Laboratory Contaminant.

- P-87-UST-1-2 (8.5 FT) (Lab ID: 9299537002)
  - Acetone
- P-87-UST-5-1 (5 FT) (Lab ID: 9299537008)
  - Acetone

QC Batch: MSV/16259

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- FLOOR-1 (12 FT) (Lab ID: 9299537014)
  - Dichlorodifluoromethane

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-1-1 (8.5 FT) **Lab ID: 9299537001** Collected: 08/01/11 11:00 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	10.2	1	08/04/11 13:45	08/08/11 18:39		N2
Aliphatic (C19-C36)	ND	mg/kg	10.2	1	08/04/11 13:45	08/08/11 18:39		N2
Aromatic (C11-C22)	ND	mg/kg	10.2	1	08/04/11 13:45	08/08/11 18:39		N2
Nonatriacontane (S)	87	%	40-140	1	08/04/11 13:45	08/08/11 18:39	7194-86-7	
o-Terphenyl (S)	86	%	40-140	1	08/04/11 13:45	08/08/11 18:39	84-15-1	
2-Fluorobiphenyl (S)	107	%	40-140	1	08/04/11 13:45	08/08/11 18:39	321-60-8	
2-Bromonaphthalene (S)	106	%	40-140	1	08/04/11 13:45	08/08/11 18:39	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.5	1	08/03/11 10:19	08/03/11 16:13		N2
Aliphatic (C09-C12)	ND	mg/kg	2.5	1	08/03/11 10:19	08/03/11 16:13		N2
Aromatic (C09-C10)	ND	mg/kg	2.5	1	08/03/11 10:19	08/03/11 16:13		N2
2,5-Dibromotoluene (PID)(S)	103	%	70-130	1	08/03/11 10:19	08/03/11 16:13		
2,5-Dibromotoluene (FID)(S)	103	%	70-130	1	08/03/11 10:19	08/03/11 16:13		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	83-32-9	
Acenaphthylene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	208-96-8	
Aniline	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	62-53-3	
Anthracene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	120-12-7	
Benzo(a)anthracene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	56-55-3	
Benzo(a)pyrene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	207-08-9	
Benzoic Acid	ND	ug/kg	1700	1	08/03/11 11:26	08/06/11 20:21	65-85-0	
Benzyl alcohol	ND	ug/kg	678	1	08/03/11 11:26	08/06/11 20:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	101-55-3	
Butylbenzylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	678	1	08/03/11 11:26	08/06/11 20:21	59-50-7	
4-Chloroaniline	ND	ug/kg	1700	1	08/03/11 11:26	08/06/11 20:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	108-60-1	
2-Chloronaphthalene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	91-58-7	
2-Chlorophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	7005-72-3	
Chrysene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	53-70-3	
Dibenzofuran	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1700	1	08/03/11 11:26	08/06/11 20:21	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-1-1 (8.5 FT) **Lab ID: 9299537001** Collected: 08/01/11 11:00 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	105-67-9	
Dimethylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	131-11-3	
Di-n-butylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	678	1	08/03/11 11:26	08/06/11 20:21	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1700	1	08/03/11 11:26	08/06/11 20:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	606-20-2	
Di-n-octylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	117-81-7	
Fluoranthene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	206-44-0	
Fluorene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	87-68-3	
Hexachlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	77-47-4	
Hexachloroethane	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	193-39-5	
Isophorone	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	78-59-1	
1-Methylnaphthalene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	90-12-0	
2-Methylnaphthalene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21		
Naphthalene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	91-20-3	
2-Nitroaniline	ND	ug/kg	1700	1	08/03/11 11:26	08/06/11 20:21	88-74-4	
3-Nitroaniline	ND	ug/kg	1700	1	08/03/11 11:26	08/06/11 20:21	99-09-2	
4-Nitroaniline	ND	ug/kg	678	1	08/03/11 11:26	08/06/11 20:21	100-01-6	
Nitrobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	98-95-3	
2-Nitrophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	88-75-5	
4-Nitrophenol	ND	ug/kg	1700	1	08/03/11 11:26	08/06/11 20:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	86-30-6	
Pentachlorophenol	ND	ug/kg	1700	1	08/03/11 11:26	08/06/11 20:21	87-86-5	
Phenanthrene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	85-01-8	
Phenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	108-95-2	
Pyrene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:21	88-06-2	
Nitrobenzene-d5 (S)	40	%	23-110	1	08/03/11 11:26	08/06/11 20:21	4165-60-0	
2-Fluorobiphenyl (S)	42	%	30-110	1	08/03/11 11:26	08/06/11 20:21	321-60-8	
Terphenyl-d14 (S)	43	%	28-110	1	08/03/11 11:26	08/06/11 20:21	1718-51-0	
Phenol-d6 (S)	41	%	22-110	1	08/03/11 11:26	08/06/11 20:21	13127-88-3	
2-Fluorophenol (S)	37	%	13-110	1	08/03/11 11:26	08/06/11 20:21	367-12-4	
2,4,6-Tribromophenol (S)	37	%	27-110	1	08/03/11 11:26	08/06/11 20:21	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-1-1 (8.5 FT) **Lab ID: 9299537001** Collected: 08/01/11 11:00 Received: 08/02/11 16:55 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	95.3	1		08/08/11 18:38	67-64-1	
Benzene	ND	ug/kg	4.8	1		08/08/11 18:38	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		08/08/11 18:38	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		08/08/11 18:38	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		08/08/11 18:38	75-27-4	
Bromoform	ND	ug/kg	4.8	1		08/08/11 18:38	75-25-2	
Bromomethane	ND	ug/kg	9.5	1		08/08/11 18:38	74-83-9	
2-Butanone (MEK)	ND	ug/kg	95.3	1		08/08/11 18:38	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 18:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 18:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 18:38	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	1		08/08/11 18:38	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		08/08/11 18:38	108-90-7	
Chloroethane	ND	ug/kg	9.5	1		08/08/11 18:38	75-00-3	
Chloroform	ND	ug/kg	4.8	1		08/08/11 18:38	67-66-3	
Chloromethane	ND	ug/kg	9.5	1		08/08/11 18:38	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 18:38	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 18:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		08/08/11 18:38	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		08/08/11 18:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		08/08/11 18:38	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		08/08/11 18:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 18:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 18:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 18:38	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.5	1		08/08/11 18:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 18:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 18:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 18:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 18:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 18:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 18:38	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 18:38	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 18:38	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 18:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 18:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 18:38	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		08/08/11 18:38	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		08/08/11 18:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		08/08/11 18:38	87-68-3	
2-Hexanone	ND	ug/kg	47.7	1		08/08/11 18:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		08/08/11 18:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		08/08/11 18:38	99-87-6	
Methylene Chloride	ND	ug/kg	19.1	1		08/08/11 18:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.7	1		08/08/11 18:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		08/08/11 18:38	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-1-1 (8.5 FT) **Lab ID: 9299537001** Collected: 08/01/11 11:00 Received: 08/02/11 16:55 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	4.8	1		08/08/11 18:38	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		08/08/11 18:38	103-65-1	
Styrene	ND	ug/kg	4.8	1		08/08/11 18:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 18:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 18:38	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		08/08/11 18:38	127-18-4	
Toluene	ND	ug/kg	4.8	1		08/08/11 18:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 18:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 18:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 18:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 18:38	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		08/08/11 18:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		08/08/11 18:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		08/08/11 18:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 18:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 18:38	108-67-8	
Vinyl acetate	ND	ug/kg	47.7	1		08/08/11 18:38	108-05-4	
Vinyl chloride	ND	ug/kg	9.5	1		08/08/11 18:38	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	1		08/08/11 18:38	1330-20-7	
m&p-Xylene	ND	ug/kg	9.5	1		08/08/11 18:38	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		08/08/11 18:38	95-47-6	
Dibromofluoromethane (S)	94	%	70-130	1		08/08/11 18:38	1868-53-7	
Toluene-d8 (S)	99	%	70-130	1		08/08/11 18:38	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130	1		08/08/11 18:38	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-132	1		08/08/11 18:38	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.7**	%	0.10	1		08/03/11 13:52		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-1-2 (8.5 FT) **Lab ID: 9299537002** Collected: 08/01/11 11:05 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	10.2	1	08/04/11 13:45	08/07/11 14:27		N2
Aliphatic (C19-C36)	ND	mg/kg	10.2	1	08/04/11 13:45	08/07/11 14:27		N2
Aromatic (C11-C22)	ND	mg/kg	10.2	1	08/04/11 13:45	08/07/11 14:27		N2
Nonatriacontane (S)	82	%	40-140	1	08/04/11 13:45	08/07/11 14:27	7194-86-7	
o-Terphenyl (S)	91	%	40-140	1	08/04/11 13:45	08/07/11 14:27	84-15-1	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.6	1	08/03/11 10:19	08/03/11 16:38		N2
Aliphatic (C09-C12)	ND	mg/kg	2.6	1	08/03/11 10:19	08/03/11 16:38		N2
Aromatic (C09-C10)	ND	mg/kg	2.6	1	08/03/11 10:19	08/03/11 16:38		N2
2,5-Dibromotoluene (PID)(S)	93	%	70-130	1	08/03/11 10:19	08/03/11 16:38		
2,5-Dibromotoluene (FID)(S)	98	%	70-130	1	08/03/11 10:19	08/03/11 16:38		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	83-32-9	
Acenaphthylene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	208-96-8	
Aniline	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	62-53-3	
Anthracene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	207-08-9	
Benzoic Acid	ND	ug/kg	1690	1	08/03/11 11:26	08/06/11 20:49	65-85-0	
Benzyl alcohol	ND	ug/kg	677	1	08/03/11 11:26	08/06/11 20:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	677	1	08/03/11 11:26	08/06/11 20:49	59-50-7	
4-Chloroaniline	ND	ug/kg	1690	1	08/03/11 11:26	08/06/11 20:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	108-60-1	
2-Chloronaphthalene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	91-58-7	
2-Chlorophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	7005-72-3	
Chrysene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	53-70-3	
Dibenzofuran	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1690	1	08/03/11 11:26	08/06/11 20:49	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	120-83-2	
Diethylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	105-67-9	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-1-2 (8.5 FT) **Lab ID: 9299537002** Collected: 08/01/11 11:05 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Dimethylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	677	1	08/03/11 11:26	08/06/11 20:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1690	1	08/03/11 11:26	08/06/11 20:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	117-81-7	
Fluoranthene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	206-44-0	
Fluorene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	77-47-4	
Hexachloroethane	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	193-39-5	
Isophorone	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	78-59-1	
1-Methylnaphthalene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	90-12-0	
2-Methylnaphthalene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49		
Naphthalene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	91-20-3	
2-Nitroaniline	ND	ug/kg	1690	1	08/03/11 11:26	08/06/11 20:49	88-74-4	
3-Nitroaniline	ND	ug/kg	1690	1	08/03/11 11:26	08/06/11 20:49	99-09-2	
4-Nitroaniline	ND	ug/kg	677	1	08/03/11 11:26	08/06/11 20:49	100-01-6	
Nitrobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	98-95-3	
2-Nitrophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	88-75-5	
4-Nitrophenol	ND	ug/kg	1690	1	08/03/11 11:26	08/06/11 20:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	86-30-6	
Pentachlorophenol	ND	ug/kg	1690	1	08/03/11 11:26	08/06/11 20:49	87-86-5	
Phenanthrene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	85-01-8	
Phenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	108-95-2	
Pyrene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	339	1	08/03/11 11:26	08/06/11 20:49	88-06-2	
Nitrobenzene-d5 (S)	37	%	23-110	1	08/03/11 11:26	08/06/11 20:49	4165-60-0	
2-Fluorobiphenyl (S)	38	%	30-110	1	08/03/11 11:26	08/06/11 20:49	321-60-8	
Terphenyl-d14 (S)	40	%	28-110	1	08/03/11 11:26	08/06/11 20:49	1718-51-0	
Phenol-d6 (S)	38	%	22-110	1	08/03/11 11:26	08/06/11 20:49	13127-88-3	
2-Fluorophenol (S)	34	%	13-110	1	08/03/11 11:26	08/06/11 20:49	367-12-4	
2,4,6-Tribromophenol (S)	32	%	27-110	1	08/03/11 11:26	08/06/11 20:49	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	**177**	ug/kg	90.0	1		08/08/11 18:58	67-64-1	C9

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-1-2 (8.5 FT) **Lab ID: 9299537002** Collected: 08/01/11 11:05 Received: 08/02/11 16:55 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							
Benzene	ND	ug/kg	4.5	1		08/08/11 18:58	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		08/08/11 18:58	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		08/08/11 18:58	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		08/08/11 18:58	75-27-4	
Bromoform	ND	ug/kg	4.5	1		08/08/11 18:58	75-25-2	
Bromomethane	ND	ug/kg	9.0	1		08/08/11 18:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	90.0	1		08/08/11 18:58	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		08/08/11 18:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		08/08/11 18:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		08/08/11 18:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.5	1		08/08/11 18:58	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		08/08/11 18:58	108-90-7	
Chloroethane	ND	ug/kg	9.0	1		08/08/11 18:58	75-00-3	
Chloroform	ND	ug/kg	4.5	1		08/08/11 18:58	67-66-3	
Chloromethane	ND	ug/kg	9.0	1		08/08/11 18:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		08/08/11 18:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		08/08/11 18:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		08/08/11 18:58	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		08/08/11 18:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		08/08/11 18:58	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		08/08/11 18:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		08/08/11 18:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		08/08/11 18:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		08/08/11 18:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.0	1		08/08/11 18:58	75-71-8	2g
1,1-Dichloroethane	ND	ug/kg	4.5	1		08/08/11 18:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		08/08/11 18:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		08/08/11 18:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		08/08/11 18:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		08/08/11 18:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		08/08/11 18:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		08/08/11 18:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		08/08/11 18:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		08/08/11 18:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		08/08/11 18:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		08/08/11 18:58	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.5	1		08/08/11 18:58	108-20-3	
Ethylbenzene	ND	ug/kg	4.5	1		08/08/11 18:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		08/08/11 18:58	87-68-3	
2-Hexanone	ND	ug/kg	45.0	1		08/08/11 18:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		08/08/11 18:58	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		08/08/11 18:58	99-87-6	
Methylene Chloride	ND	ug/kg	18.0	1		08/08/11 18:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.0	1		08/08/11 18:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		08/08/11 18:58	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		08/08/11 18:58	91-20-3	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-1-2 (8.5 FT) **Lab ID: 9299537002** Collected: 08/01/11 11:05 Received: 08/02/11 16:55 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							
n-Propylbenzene	ND	ug/kg	4.5	1		08/08/11 18:58	103-65-1	
Styrene	ND	ug/kg	4.5	1		08/08/11 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		08/08/11 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		08/08/11 18:58	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		08/08/11 18:58	127-18-4	
Toluene	**6.7**	ug/kg	4.5	1		08/08/11 18:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		08/08/11 18:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		08/08/11 18:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		08/08/11 18:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		08/08/11 18:58	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		08/08/11 18:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		08/08/11 18:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		08/08/11 18:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		08/08/11 18:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		08/08/11 18:58	108-67-8	
Vinyl acetate	ND	ug/kg	45.0	1		08/08/11 18:58	108-05-4	
Vinyl chloride	ND	ug/kg	9.0	1		08/08/11 18:58	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		08/08/11 18:58	1330-20-7	
m&p-Xylene	ND	ug/kg	9.0	1		08/08/11 18:58	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1		08/08/11 18:58	95-47-6	
Dibromofluoromethane (S)	95	%	70-130	1		08/08/11 18:58	1868-53-7	
Toluene-d8 (S)	96	%	70-130	1		08/08/11 18:58	2037-26-5	
4-Bromofluorobenzene (S)	80	%	70-130	1		08/08/11 18:58	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-132	1		08/08/11 18:58	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.5**	%	0.10	1		08/03/11 13:53		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-2-1 (8 FT) **Lab ID: 9299537003** Collected: 08/01/11 11:10 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	10.7	1	08/04/11 13:45	08/08/11 19:15		N2
Aliphatic (C19-C36)	ND	mg/kg	10.7	1	08/04/11 13:45	08/08/11 19:15		N2
Aromatic (C11-C22)	ND	mg/kg	10.7	1	08/04/11 13:45	08/08/11 19:15		N2
Nonatriacontane (S)	82	%	40-140	1	08/04/11 13:45	08/08/11 19:15	7194-86-7	
o-Terphenyl (S)	68	%	40-140	1	08/04/11 13:45	08/08/11 19:15	84-15-1	
2-Fluorobiphenyl (S)	88	%	40-140	1	08/04/11 13:45	08/08/11 19:15	321-60-8	
2-Bromonaphthalene (S)	86	%	40-140	1	08/04/11 13:45	08/08/11 19:15	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.8	1	08/03/11 10:19	08/03/11 17:03		N2
Aliphatic (C09-C12)	**6.7**	mg/kg	2.8	1	08/03/11 10:19	08/03/11 17:03		N2
Aromatic (C09-C10)	ND	mg/kg	2.8	1	08/03/11 10:19	08/03/11 17:03		N2
2,5-Dibromotoluene (PID)(S)	103	%	70-130	1	08/03/11 10:19	08/03/11 17:03		
2,5-Dibromotoluene (FID)(S)	105	%	70-130	1	08/03/11 10:19	08/03/11 17:03		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	83-32-9	
Acenaphthylene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	208-96-8	
Aniline	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	62-53-3	
Anthracene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	207-08-9	
Benzoic Acid	ND	ug/kg	1780	1	08/09/11 09:25	08/13/11 19:11	65-85-0	
Benzyl alcohol	ND	ug/kg	714	1	08/09/11 09:25	08/13/11 19:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	714	1	08/09/11 09:25	08/13/11 19:11	59-50-7	
4-Chloroaniline	ND	ug/kg	1780	1	08/09/11 09:25	08/13/11 19:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	108-60-1	
2-Chloronaphthalene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	91-58-7	
2-Chlorophenol	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	7005-72-3	
Chrysene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	53-70-3	
Dibenzofuran	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1780	1	08/09/11 09:25	08/13/11 19:11	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-2-1 (8 FT) **Lab ID: 9299537003** Collected: 08/01/11 11:10 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	105-67-9	
Dimethylphthalate	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	714	1	08/09/11 09:25	08/13/11 19:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1780	1	08/09/11 09:25	08/13/11 19:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	117-81-7	
Fluoranthene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	206-44-0	
Fluorene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	77-47-4	
Hexachloroethane	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	193-39-5	
Isophorone	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	78-59-1	
1-Methylnaphthalene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	90-12-0	
2-Methylnaphthalene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11		
Naphthalene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	91-20-3	
2-Nitroaniline	ND	ug/kg	1780	1	08/09/11 09:25	08/13/11 19:11	88-74-4	
3-Nitroaniline	ND	ug/kg	1780	1	08/09/11 09:25	08/13/11 19:11	99-09-2	
4-Nitroaniline	ND	ug/kg	714	1	08/09/11 09:25	08/13/11 19:11	100-01-6	
Nitrobenzene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	98-95-3	
2-Nitrophenol	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	88-75-5	
4-Nitrophenol	ND	ug/kg	1780	1	08/09/11 09:25	08/13/11 19:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	86-30-6	
Pentachlorophenol	ND	ug/kg	1780	1	08/09/11 09:25	08/13/11 19:11	87-86-5	
Phenanthrene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	85-01-8	
Phenol	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	108-95-2	
Pyrene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	357	1	08/09/11 09:25	08/13/11 19:11	88-06-2	
Nitrobenzene-d5 (S)	22	%	23-110	1	08/09/11 09:25	08/13/11 19:11	4165-60-0	S2
2-Fluorobiphenyl (S)	21	%	30-110	1	08/09/11 09:25	08/13/11 19:11	321-60-8	S2
Terphenyl-d14 (S)	22	%	28-110	1	08/09/11 09:25	08/13/11 19:11	1718-51-0	S2
Phenol-d6 (S)	17	%	22-110	1	08/09/11 09:25	08/13/11 19:11	13127-88-3	S2
2-Fluorophenol (S)	17	%	13-110	1	08/09/11 09:25	08/13/11 19:11	367-12-4	
2,4,6-Tribromophenol (S)	16	%	27-110	1	08/09/11 09:25	08/13/11 19:11	118-79-6	S2

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-2-1 (8 FT) **Lab ID: 9299537003** Collected: 08/01/11 11:10 Received: 08/02/11 16:55 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	95.7	1		08/08/11 19:18	67-64-1	
Benzene	ND	ug/kg	4.8	1		08/08/11 19:18	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		08/08/11 19:18	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		08/08/11 19:18	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		08/08/11 19:18	75-27-4	
Bromoform	ND	ug/kg	4.8	1		08/08/11 19:18	75-25-2	
Bromomethane	ND	ug/kg	9.6	1		08/08/11 19:18	74-83-9	
2-Butanone (MEK)	ND	ug/kg	95.7	1		08/08/11 19:18	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 19:18	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 19:18	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 19:18	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	1		08/08/11 19:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:18	108-90-7	
Chloroethane	ND	ug/kg	9.6	1		08/08/11 19:18	75-00-3	
Chloroform	ND	ug/kg	4.8	1		08/08/11 19:18	67-66-3	
Chloromethane	ND	ug/kg	9.6	1		08/08/11 19:18	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 19:18	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 19:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		08/08/11 19:18	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		08/08/11 19:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		08/08/11 19:18	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		08/08/11 19:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:18	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.6	1		08/08/11 19:18	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 19:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 19:18	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 19:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 19:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 19:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 19:18	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 19:18	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 19:18	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 19:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 19:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 19:18	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		08/08/11 19:18	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		08/08/11 19:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		08/08/11 19:18	87-68-3	
2-Hexanone	ND	ug/kg	47.9	1		08/08/11 19:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		08/08/11 19:18	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		08/08/11 19:18	99-87-6	
Methylene Chloride	ND	ug/kg	19.1	1		08/08/11 19:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.9	1		08/08/11 19:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		08/08/11 19:18	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-2-1 (8 FT) **Lab ID: 9299537003** Collected: 08/01/11 11:10 Received: 08/02/11 16:55 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	4.8	1		08/08/11 19:18	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		08/08/11 19:18	103-65-1	
Styrene	ND	ug/kg	4.8	1		08/08/11 19:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 19:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 19:18	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		08/08/11 19:18	127-18-4	
Toluene	ND	ug/kg	4.8	1		08/08/11 19:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 19:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 19:18	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		08/08/11 19:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		08/08/11 19:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		08/08/11 19:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 19:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 19:18	108-67-8	
Vinyl acetate	ND	ug/kg	47.9	1		08/08/11 19:18	108-05-4	
Vinyl chloride	ND	ug/kg	9.6	1		08/08/11 19:18	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		08/08/11 19:18	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		08/08/11 19:18	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		08/08/11 19:18	95-47-6	
Dibromofluoromethane (S)	97	%	70-130	1		08/08/11 19:18	1868-53-7	
Toluene-d8 (S)	98	%	70-130	1		08/08/11 19:18	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130	1		08/08/11 19:18	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-132	1		08/08/11 19:18	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.6**	%	0.10	1		08/03/11 13:53		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-2-2 (8 FT) **Lab ID: 9299537004** Collected: 08/01/11 11:15 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	10.2	1	08/04/11 13:45	08/07/11 15:40		N2
Aliphatic (C19-C36)	ND	mg/kg	10.2	1	08/04/11 13:45	08/07/11 15:40		N2
Aromatic (C11-C22)	ND	mg/kg	10.2	1	08/04/11 13:45	08/07/11 15:40		N2
Nonatriacontane (S)	90	%	40-140	1	08/04/11 13:45	08/07/11 15:40	7194-86-7	
o-Terphenyl (S)	86	%	40-140	1	08/04/11 13:45	08/07/11 15:40	84-15-1	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.5	1	08/03/11 10:19	08/03/11 17:28		N2
Aliphatic (C09-C12)	ND	mg/kg	2.5	1	08/03/11 10:19	08/03/11 17:28		N2
Aromatic (C09-C10)	ND	mg/kg	2.5	1	08/03/11 10:19	08/03/11 17:28		N2
2,5-Dibromotoluene (PID)(S)	101	%	70-130	1	08/03/11 10:19	08/03/11 17:28		
2,5-Dibromotoluene (FID)(S)	108	%	70-130	1	08/03/11 10:19	08/03/11 17:28		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	83-32-9	
Acenaphthylene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	208-96-8	
Aniline	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	62-53-3	
Anthracene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	120-12-7	
Benzo(a)anthracene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	56-55-3	
Benzo(a)pyrene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	207-08-9	
Benzoic Acid	ND	ug/kg	1710	1	08/03/11 11:26	08/06/11 21:45	65-85-0	
Benzyl alcohol	ND	ug/kg	684	1	08/03/11 11:26	08/06/11 21:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	101-55-3	
Butylbenzylphthalate	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	684	1	08/03/11 11:26	08/06/11 21:45	59-50-7	
4-Chloroaniline	ND	ug/kg	1710	1	08/03/11 11:26	08/06/11 21:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	108-60-1	
2-Chloronaphthalene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	91-58-7	
2-Chlorophenol	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	7005-72-3	
Chrysene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	53-70-3	
Dibenzofuran	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1710	1	08/03/11 11:26	08/06/11 21:45	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	120-83-2	
Diethylphthalate	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	105-67-9	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-2-2 (8 FT) **Lab ID: 9299537004** Collected: 08/01/11 11:15 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Dimethylphthalate	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	131-11-3	
Di-n-butylphthalate	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	684	1	08/03/11 11:26	08/06/11 21:45	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1710	1	08/03/11 11:26	08/06/11 21:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	606-20-2	
Di-n-octylphthalate	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	117-81-7	
Fluoranthene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	206-44-0	
Fluorene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	87-68-3	
Hexachlorobenzene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	77-47-4	
Hexachloroethane	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	193-39-5	
Isophorone	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	78-59-1	
1-Methylnaphthalene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	90-12-0	
2-Methylnaphthalene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45		
Naphthalene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	91-20-3	
2-Nitroaniline	ND	ug/kg	1710	1	08/03/11 11:26	08/06/11 21:45	88-74-4	
3-Nitroaniline	ND	ug/kg	1710	1	08/03/11 11:26	08/06/11 21:45	99-09-2	
4-Nitroaniline	ND	ug/kg	684	1	08/03/11 11:26	08/06/11 21:45	100-01-6	
Nitrobenzene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	98-95-3	
2-Nitrophenol	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	88-75-5	
4-Nitrophenol	ND	ug/kg	1710	1	08/03/11 11:26	08/06/11 21:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	86-30-6	
Pentachlorophenol	ND	ug/kg	1710	1	08/03/11 11:26	08/06/11 21:45	87-86-5	
Phenanthrene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	85-01-8	
Phenol	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	108-95-2	
Pyrene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	342	1	08/03/11 11:26	08/06/11 21:45	88-06-2	
Nitrobenzene-d5 (S)	44	%	23-110	1	08/03/11 11:26	08/06/11 21:45	4165-60-0	
2-Fluorobiphenyl (S)	46	%	30-110	1	08/03/11 11:26	08/06/11 21:45	321-60-8	
Terphenyl-d14 (S)	45	%	28-110	1	08/03/11 11:26	08/06/11 21:45	1718-51-0	
Phenol-d6 (S)	49	%	22-110	1	08/03/11 11:26	08/06/11 21:45	13127-88-3	
2-Fluorophenol (S)	44	%	13-110	1	08/03/11 11:26	08/06/11 21:45	367-12-4	
2,4,6-Tribromophenol (S)	39	%	27-110	1	08/03/11 11:26	08/06/11 21:45	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	96.5	1		08/08/11 19:38	67-64-1	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-2-2 (8 FT) **Lab ID: 9299537004** Collected: 08/01/11 11:15 Received: 08/02/11 16:55 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							
Benzene	ND	ug/kg	4.8	1		08/08/11 19:38	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		08/08/11 19:38	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		08/08/11 19:38	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		08/08/11 19:38	75-27-4	
Bromoform	ND	ug/kg	4.8	1		08/08/11 19:38	75-25-2	
Bromomethane	ND	ug/kg	9.6	1		08/08/11 19:38	74-83-9	
2-Butanone (MEK)	ND	ug/kg	96.5	1		08/08/11 19:38	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 19:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 19:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 19:38	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	1		08/08/11 19:38	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:38	108-90-7	
Chloroethane	ND	ug/kg	9.6	1		08/08/11 19:38	75-00-3	
Chloroform	ND	ug/kg	4.8	1		08/08/11 19:38	67-66-3	
Chloromethane	ND	ug/kg	9.6	1		08/08/11 19:38	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 19:38	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 19:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		08/08/11 19:38	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		08/08/11 19:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		08/08/11 19:38	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		08/08/11 19:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:38	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.6	1		08/08/11 19:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 19:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 19:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 19:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 19:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 19:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 19:38	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 19:38	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 19:38	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 19:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 19:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 19:38	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		08/08/11 19:38	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		08/08/11 19:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		08/08/11 19:38	87-68-3	
2-Hexanone	ND	ug/kg	48.2	1		08/08/11 19:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		08/08/11 19:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		08/08/11 19:38	99-87-6	
Methylene Chloride	ND	ug/kg	19.3	1		08/08/11 19:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.2	1		08/08/11 19:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		08/08/11 19:38	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		08/08/11 19:38	91-20-3	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-2-2 (8 FT) **Lab ID: 9299537004** Collected: 08/01/11 11:15 Received: 08/02/11 16:55 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							
n-Propylbenzene	ND	ug/kg	4.8	1		08/08/11 19:38	103-65-1	
Styrene	ND	ug/kg	4.8	1		08/08/11 19:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 19:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 19:38	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		08/08/11 19:38	127-18-4	
Toluene	ND	ug/kg	4.8	1		08/08/11 19:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 19:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 19:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 19:38	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		08/08/11 19:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		08/08/11 19:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		08/08/11 19:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 19:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 19:38	108-67-8	
Vinyl acetate	ND	ug/kg	48.2	1		08/08/11 19:38	108-05-4	
Vinyl chloride	ND	ug/kg	9.6	1		08/08/11 19:38	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		08/08/11 19:38	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		08/08/11 19:38	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		08/08/11 19:38	95-47-6	
Dibromofluoromethane (S)	102	%	70-130	1		08/08/11 19:38	1868-53-7	
Toluene-d8 (S)	98	%	70-130	1		08/08/11 19:38	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130	1		08/08/11 19:38	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-132	1		08/08/11 19:38	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.5**	%	0.10	1		08/03/11 13:38		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-3-1 (8 FT) **Lab ID: 9299537005** Collected: 08/01/11 11:20 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	10.3	1	08/04/11 13:45	08/08/11 08:36		N2
Aliphatic (C19-C36)	ND	mg/kg	10.3	1	08/04/11 13:45	08/08/11 08:36		N2
Aromatic (C11-C22)	ND	mg/kg	10.3	1	08/04/11 13:45	08/08/11 08:36		N2
Nonatriacontane (S)	87	%	40-140	1	08/04/11 13:45	08/08/11 08:36	7194-86-7	
o-Terphenyl (S)	87	%	40-140	1	08/04/11 13:45	08/08/11 08:36	84-15-1	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.6	1	08/03/11 10:19	08/03/11 17:53		N2
Aliphatic (C09-C12)	ND	mg/kg	2.6	1	08/03/11 10:19	08/03/11 17:53		N2
Aromatic (C09-C10)	ND	mg/kg	2.6	1	08/03/11 10:19	08/03/11 17:53		N2
2,5-Dibromotoluene (PID)(S)	107	%	70-130	1	08/03/11 10:19	08/03/11 17:53		
2,5-Dibromotoluene (FID)(S)	108	%	70-130	1	08/03/11 10:19	08/03/11 17:53		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	83-32-9	
Acenaphthylene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	208-96-8	
Aniline	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	62-53-3	
Anthracene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	56-55-3	
Benzo(a)pyrene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	207-08-9	
Benzoic Acid	ND	ug/kg	1720	1	08/03/11 11:26	08/06/11 22:13	65-85-0	
Benzyl alcohol	ND	ug/kg	687	1	08/03/11 11:26	08/06/11 22:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	687	1	08/03/11 11:26	08/06/11 22:13	59-50-7	
4-Chloroaniline	ND	ug/kg	1720	1	08/03/11 11:26	08/06/11 22:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	108-60-1	
2-Chloronaphthalene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	91-58-7	
2-Chlorophenol	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	7005-72-3	
Chrysene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	53-70-3	
Dibenzofuran	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1720	1	08/03/11 11:26	08/06/11 22:13	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	120-83-2	
Diethylphthalate	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	105-67-9	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-3-1 (8 FT) **Lab ID: 9299537005** Collected: 08/01/11 11:20 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Dimethylphthalate	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	687	1	08/03/11 11:26	08/06/11 22:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1720	1	08/03/11 11:26	08/06/11 22:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	117-81-7	
Fluoranthene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	206-44-0	
Fluorene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	87-68-3	
Hexachlorobenzene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	77-47-4	
Hexachloroethane	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	193-39-5	
Isophorone	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13		
Naphthalene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	91-20-3	
2-Nitroaniline	ND	ug/kg	1720	1	08/03/11 11:26	08/06/11 22:13	88-74-4	
3-Nitroaniline	ND	ug/kg	1720	1	08/03/11 11:26	08/06/11 22:13	99-09-2	
4-Nitroaniline	ND	ug/kg	687	1	08/03/11 11:26	08/06/11 22:13	100-01-6	
Nitrobenzene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	98-95-3	
2-Nitrophenol	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	88-75-5	
4-Nitrophenol	ND	ug/kg	1720	1	08/03/11 11:26	08/06/11 22:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	86-30-6	
Pentachlorophenol	ND	ug/kg	1720	1	08/03/11 11:26	08/06/11 22:13	87-86-5	
Phenanthrene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	85-01-8	
Phenol	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	108-95-2	
Pyrene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	343	1	08/03/11 11:26	08/06/11 22:13	88-06-2	
Nitrobenzene-d5 (S)	40	%	23-110	1	08/03/11 11:26	08/06/11 22:13	4165-60-0	
2-Fluorobiphenyl (S)	52	%	30-110	1	08/03/11 11:26	08/06/11 22:13	321-60-8	
Terphenyl-d14 (S)	53	%	28-110	1	08/03/11 11:26	08/06/11 22:13	1718-51-0	
Phenol-d6 (S)	46	%	22-110	1	08/03/11 11:26	08/06/11 22:13	13127-88-3	
2-Fluorophenol (S)	36	%	13-110	1	08/03/11 11:26	08/06/11 22:13	367-12-4	
2,4,6-Tribromophenol (S)	47	%	27-110	1	08/03/11 11:26	08/06/11 22:13	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	93.1	1		08/08/11 19:59	67-64-1	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-3-1 (8 FT) **Lab ID: 9299537005** Collected: 08/01/11 11:20 Received: 08/02/11 16:55 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							
Benzene	ND	ug/kg	4.7	1		08/08/11 19:59	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1		08/08/11 19:59	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1		08/08/11 19:59	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1		08/08/11 19:59	75-27-4	
Bromoform	ND	ug/kg	4.7	1		08/08/11 19:59	75-25-2	
Bromomethane	ND	ug/kg	9.3	1		08/08/11 19:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	93.1	1		08/08/11 19:59	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		08/08/11 19:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		08/08/11 19:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1		08/08/11 19:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.7	1		08/08/11 19:59	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		08/08/11 19:59	108-90-7	
Chloroethane	ND	ug/kg	9.3	1		08/08/11 19:59	75-00-3	
Chloroform	ND	ug/kg	4.7	1		08/08/11 19:59	67-66-3	
Chloromethane	ND	ug/kg	9.3	1		08/08/11 19:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		08/08/11 19:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1		08/08/11 19:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1		08/08/11 19:59	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1		08/08/11 19:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		08/08/11 19:59	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1		08/08/11 19:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		08/08/11 19:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		08/08/11 19:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		08/08/11 19:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.3	1		08/08/11 19:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		08/08/11 19:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		08/08/11 19:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		08/08/11 19:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		08/08/11 19:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		08/08/11 19:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		08/08/11 19:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1		08/08/11 19:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1		08/08/11 19:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1		08/08/11 19:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		08/08/11 19:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		08/08/11 19:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.7	1		08/08/11 19:59	108-20-3	
Ethylbenzene	ND	ug/kg	4.7	1		08/08/11 19:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		08/08/11 19:59	87-68-3	
2-Hexanone	ND	ug/kg	46.5	1		08/08/11 19:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		08/08/11 19:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		08/08/11 19:59	99-87-6	
Methylene Chloride	ND	ug/kg	18.6	1		08/08/11 19:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.5	1		08/08/11 19:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		08/08/11 19:59	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		08/08/11 19:59	91-20-3	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-3-1 (8 FT) **Lab ID: 9299537005** Collected: 08/01/11 11:20 Received: 08/02/11 16:55 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							
n-Propylbenzene	ND	ug/kg	4.7	1		08/08/11 19:59	103-65-1	
Styrene	ND	ug/kg	4.7	1		08/08/11 19:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		08/08/11 19:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		08/08/11 19:59	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		08/08/11 19:59	127-18-4	
Toluene	ND	ug/kg	4.7	1		08/08/11 19:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		08/08/11 19:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		08/08/11 19:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		08/08/11 19:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		08/08/11 19:59	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		08/08/11 19:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		08/08/11 19:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		08/08/11 19:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		08/08/11 19:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		08/08/11 19:59	108-67-8	
Vinyl acetate	ND	ug/kg	46.5	1		08/08/11 19:59	108-05-4	
Vinyl chloride	ND	ug/kg	9.3	1		08/08/11 19:59	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1		08/08/11 19:59	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		08/08/11 19:59	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		08/08/11 19:59	95-47-6	
Dibromofluoromethane (S)	96	%	70-130	1		08/08/11 19:59	1868-53-7	
Toluene-d8 (S)	96	%	70-130	1		08/08/11 19:59	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130	1		08/08/11 19:59	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-132	1		08/08/11 19:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.9**	%	0.10	1		08/03/11 13:39		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-3-2 (8 FT) **Lab ID: 9299537006** Collected: 08/01/11 11:25 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	10.7	1	08/04/11 13:45	08/08/11 09:12		N2
Aliphatic (C19-C36)	ND	mg/kg	10.7	1	08/04/11 13:45	08/08/11 09:12		N2
Aromatic (C11-C22)	ND	mg/kg	10.7	1	08/04/11 13:45	08/08/11 09:12		N2
Nonatriacontane (S)	97	%	40-140	1	08/04/11 13:45	08/08/11 09:12	7194-86-7	
o-Terphenyl (S)	91	%	40-140	1	08/04/11 13:45	08/08/11 09:12	84-15-1	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.8	1	08/03/11 10:19	08/03/11 18:18		N2
Aliphatic (C09-C12)	ND	mg/kg	2.8	1	08/03/11 10:19	08/03/11 18:18		N2
Aromatic (C09-C10)	ND	mg/kg	2.8	1	08/03/11 10:19	08/03/11 18:18		N2
2,5-Dibromotoluene (PID)(S)	106	%	70-130	1	08/03/11 10:19	08/03/11 18:18		
2,5-Dibromotoluene (FID)(S)	110	%	70-130	1	08/03/11 10:19	08/03/11 18:18		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	83-32-9	
Acenaphthylene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	208-96-8	
Aniline	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	62-53-3	
Anthracene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	120-12-7	
Benzo(a)anthracene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	56-55-3	
Benzo(a)pyrene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	207-08-9	
Benzoic Acid	ND	ug/kg	1780	1	08/03/11 11:26	08/06/11 22:41	65-85-0	
Benzyl alcohol	ND	ug/kg	713	1	08/03/11 11:26	08/06/11 22:41	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	101-55-3	
Butylbenzylphthalate	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	713	1	08/03/11 11:26	08/06/11 22:41	59-50-7	
4-Chloroaniline	ND	ug/kg	1780	1	08/03/11 11:26	08/06/11 22:41	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	108-60-1	
2-Chloronaphthalene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	91-58-7	
2-Chlorophenol	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	7005-72-3	
Chrysene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	53-70-3	
Dibenzofuran	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1780	1	08/03/11 11:26	08/06/11 22:41	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	120-83-2	
Diethylphthalate	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	105-67-9	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-3-2 (8 FT) **Lab ID: 9299537006** Collected: 08/01/11 11:25 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Dimethylphthalate	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	131-11-3	
Di-n-butylphthalate	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	713	1	08/03/11 11:26	08/06/11 22:41	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1780	1	08/03/11 11:26	08/06/11 22:41	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	606-20-2	
Di-n-octylphthalate	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	117-81-7	
Fluoranthene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	206-44-0	
Fluorene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	87-68-3	
Hexachlorobenzene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	77-47-4	
Hexachloroethane	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	193-39-5	
Isophorone	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	78-59-1	
1-Methylnaphthalene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	90-12-0	
2-Methylnaphthalene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41		
Naphthalene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	91-20-3	
2-Nitroaniline	ND	ug/kg	1780	1	08/03/11 11:26	08/06/11 22:41	88-74-4	
3-Nitroaniline	ND	ug/kg	1780	1	08/03/11 11:26	08/06/11 22:41	99-09-2	
4-Nitroaniline	ND	ug/kg	713	1	08/03/11 11:26	08/06/11 22:41	100-01-6	
Nitrobenzene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	98-95-3	
2-Nitrophenol	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	88-75-5	
4-Nitrophenol	ND	ug/kg	1780	1	08/03/11 11:26	08/06/11 22:41	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	86-30-6	
Pentachlorophenol	ND	ug/kg	1780	1	08/03/11 11:26	08/06/11 22:41	87-86-5	
Phenanthrene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	85-01-8	
Phenol	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	108-95-2	
Pyrene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	357	1	08/03/11 11:26	08/06/11 22:41	88-06-2	
Nitrobenzene-d5 (S)	28	%	23-110	1	08/03/11 11:26	08/06/11 22:41	4165-60-0	
2-Fluorobiphenyl (S)	28	%	30-110	1	08/03/11 11:26	08/06/11 22:41	321-60-8	S0
Terphenyl-d14 (S)	35	%	28-110	1	08/03/11 11:26	08/06/11 22:41	1718-51-0	
Phenol-d6 (S)	31	%	22-110	1	08/03/11 11:26	08/06/11 22:41	13127-88-3	
2-Fluorophenol (S)	26	%	13-110	1	08/03/11 11:26	08/06/11 22:41	367-12-4	
2,4,6-Tribromophenol (S)	29	%	27-110	1	08/03/11 11:26	08/06/11 22:41	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	96.7	1		08/08/11 20:19	67-64-1	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-3-2 (8 FT) **Lab ID: 9299537006** Collected: 08/01/11 11:25 Received: 08/02/11 16:55 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							
Benzene	ND	ug/kg	4.8	1		08/08/11 20:19	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		08/08/11 20:19	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		08/08/11 20:19	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		08/08/11 20:19	75-27-4	
Bromoform	ND	ug/kg	4.8	1		08/08/11 20:19	75-25-2	
Bromomethane	ND	ug/kg	9.7	1		08/08/11 20:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	96.7	1		08/08/11 20:19	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 20:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 20:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 20:19	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	1		08/08/11 20:19	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		08/08/11 20:19	108-90-7	
Chloroethane	ND	ug/kg	9.7	1		08/08/11 20:19	75-00-3	
Chloroform	ND	ug/kg	4.8	1		08/08/11 20:19	67-66-3	
Chloromethane	ND	ug/kg	9.7	1		08/08/11 20:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 20:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 20:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		08/08/11 20:19	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		08/08/11 20:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		08/08/11 20:19	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		08/08/11 20:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 20:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 20:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 20:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.7	1		08/08/11 20:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 20:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 20:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 20:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 20:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 20:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 20:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 20:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 20:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 20:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 20:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 20:19	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		08/08/11 20:19	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		08/08/11 20:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		08/08/11 20:19	87-68-3	
2-Hexanone	ND	ug/kg	48.3	1		08/08/11 20:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		08/08/11 20:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		08/08/11 20:19	99-87-6	
Methylene Chloride	ND	ug/kg	19.3	1		08/08/11 20:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.3	1		08/08/11 20:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		08/08/11 20:19	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		08/08/11 20:19	91-20-3	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-3-2 (8 FT) **Lab ID: 9299537006** Collected: 08/01/11 11:25 Received: 08/02/11 16:55 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							
n-Propylbenzene	ND	ug/kg	4.8	1		08/08/11 20:19	103-65-1	
Styrene	ND	ug/kg	4.8	1		08/08/11 20:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 20:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 20:19	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		08/08/11 20:19	127-18-4	
Toluene	ND	ug/kg	4.8	1		08/08/11 20:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 20:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 20:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 20:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 20:19	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		08/08/11 20:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		08/08/11 20:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		08/08/11 20:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 20:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 20:19	108-67-8	
Vinyl acetate	ND	ug/kg	48.3	1		08/08/11 20:19	108-05-4	
Vinyl chloride	ND	ug/kg	9.7	1		08/08/11 20:19	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		08/08/11 20:19	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	1		08/08/11 20:19	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		08/08/11 20:19	95-47-6	
Dibromofluoromethane (S)	98	%	70-130	1		08/08/11 20:19	1868-53-7	
Toluene-d8 (S)	98	%	70-130	1		08/08/11 20:19	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130	1		08/08/11 20:19	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-132	1		08/08/11 20:19	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.5**	%	0.10	1		08/03/11 13:39		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-4-1 (5 FT) **Lab ID: 9299537007** Collected: 08/01/11 11:30 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.5	1	08/04/11 13:45	08/08/11 19:51		N2
Aliphatic (C19-C36)	ND	mg/kg	12.5	1	08/04/11 13:45	08/08/11 19:51		N2
Aromatic (C11-C22)	ND	mg/kg	12.5	1	08/04/11 13:45	08/08/11 19:51		N2
Nonatriacontane (S)	89	%	40-140	1	08/04/11 13:45	08/08/11 19:51	7194-86-7	
o-Terphenyl (S)	65	%	40-140	1	08/04/11 13:45	08/08/11 19:51	84-15-1	
2-Fluorobiphenyl (S)	92	%	40-140	1	08/04/11 13:45	08/08/11 19:51	321-60-8	
2-Bromonaphthalene (S)	92	%	40-140	1	08/04/11 13:45	08/08/11 19:51	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.3	1	08/03/11 10:19	08/03/11 18:43		N2
Aliphatic (C09-C12)	ND	mg/kg	3.3	1	08/03/11 10:19	08/03/11 18:43		N2
Aromatic (C09-C10)	ND	mg/kg	3.3	1	08/03/11 10:19	08/03/11 18:43		N2
2,5-Dibromotoluene (PID)(S)	139	%	70-130	1	08/03/11 10:19	08/03/11 18:43		1g
2,5-Dibromotoluene (FID)(S)	143	%	70-130	1	08/03/11 10:19	08/03/11 18:43		1g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	83-32-9	
Acenaphthylene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	208-96-8	
Aniline	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	62-53-3	
Anthracene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	120-12-7	
Benzo(a)anthracene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	56-55-3	
Benzo(a)pyrene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	207-08-9	
Benzoic Acid	ND	ug/kg	2090	1	08/03/11 11:26	08/06/11 18:03	65-85-0	
Benzyl alcohol	ND	ug/kg	835	1	08/03/11 11:26	08/06/11 18:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	101-55-3	
Butylbenzylphthalate	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	835	1	08/03/11 11:26	08/06/11 18:03	59-50-7	
4-Chloroaniline	ND	ug/kg	2090	1	08/03/11 11:26	08/06/11 18:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	108-60-1	
2-Chloronaphthalene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	91-58-7	
2-Chlorophenol	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	7005-72-3	
Chrysene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	53-70-3	
Dibenzofuran	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2090	1	08/03/11 11:26	08/06/11 18:03	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-4-1 (5 FT) **Lab ID: 9299537007** Collected: 08/01/11 11:30 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	105-67-9	
Dimethylphthalate	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	131-11-3	
Di-n-butylphthalate	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	835	1	08/03/11 11:26	08/06/11 18:03	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2090	1	08/03/11 11:26	08/06/11 18:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	606-20-2	
Di-n-octylphthalate	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	117-81-7	
Fluoranthene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	206-44-0	
Fluorene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	87-68-3	
Hexachlorobenzene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	77-47-4	
Hexachloroethane	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	193-39-5	
Isophorone	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	78-59-1	
1-Methylnaphthalene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	90-12-0	
2-Methylnaphthalene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03		
Naphthalene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	91-20-3	
2-Nitroaniline	ND	ug/kg	2090	1	08/03/11 11:26	08/06/11 18:03	88-74-4	
3-Nitroaniline	ND	ug/kg	2090	1	08/03/11 11:26	08/06/11 18:03	99-09-2	
4-Nitroaniline	ND	ug/kg	835	1	08/03/11 11:26	08/06/11 18:03	100-01-6	
Nitrobenzene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	98-95-3	
2-Nitrophenol	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	88-75-5	
4-Nitrophenol	ND	ug/kg	2090	1	08/03/11 11:26	08/06/11 18:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	86-30-6	
Pentachlorophenol	ND	ug/kg	2090	1	08/03/11 11:26	08/06/11 18:03	87-86-5	
Phenanthrene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	85-01-8	
Phenol	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	108-95-2	
Pyrene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	417	1	08/03/11 11:26	08/06/11 18:03	88-06-2	
Nitrobenzene-d5 (S)	47	%	23-110	1	08/03/11 11:26	08/06/11 18:03	4165-60-0	
2-Fluorobiphenyl (S)	37	%	30-110	1	08/03/11 11:26	08/06/11 18:03	321-60-8	
Terphenyl-d14 (S)	45	%	28-110	1	08/03/11 11:26	08/06/11 18:03	1718-51-0	
Phenol-d6 (S)	44	%	22-110	1	08/03/11 11:26	08/06/11 18:03	13127-88-3	
2-Fluorophenol (S)	39	%	13-110	1	08/03/11 11:26	08/06/11 18:03	367-12-4	
2,4,6-Tribromophenol (S)	32	%	27-110	1	08/03/11 11:26	08/06/11 18:03	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-4-1 (5 FT) **Lab ID: 9299537007** Collected: 08/01/11 11:30 Received: 08/02/11 16:55 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	104	1		08/08/11 20:39	67-64-1	
Benzene	ND	ug/kg	5.2	1		08/08/11 20:39	71-43-2	
Bromobenzene	ND	ug/kg	5.2	1		08/08/11 20:39	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1		08/08/11 20:39	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	1		08/08/11 20:39	75-27-4	
Bromoform	ND	ug/kg	5.2	1		08/08/11 20:39	75-25-2	
Bromomethane	ND	ug/kg	10.4	1		08/08/11 20:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	104	1		08/08/11 20:39	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		08/08/11 20:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		08/08/11 20:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	1		08/08/11 20:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.2	1		08/08/11 20:39	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		08/08/11 20:39	108-90-7	
Chloroethane	ND	ug/kg	10.4	1		08/08/11 20:39	75-00-3	
Chloroform	ND	ug/kg	5.2	1		08/08/11 20:39	67-66-3	
Chloromethane	ND	ug/kg	10.4	1		08/08/11 20:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.2	1		08/08/11 20:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1		08/08/11 20:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	1		08/08/11 20:39	96-12-8	
Dibromochloromethane	ND	ug/kg	5.2	1		08/08/11 20:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1		08/08/11 20:39	106-93-4	
Dibromomethane	ND	ug/kg	5.2	1		08/08/11 20:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		08/08/11 20:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		08/08/11 20:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		08/08/11 20:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.4	1		08/08/11 20:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1		08/08/11 20:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		08/08/11 20:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.2	1		08/08/11 20:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		08/08/11 20:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		08/08/11 20:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		08/08/11 20:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	1		08/08/11 20:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1		08/08/11 20:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1		08/08/11 20:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		08/08/11 20:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		08/08/11 20:39	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.2	1		08/08/11 20:39	108-20-3	
Ethylbenzene	ND	ug/kg	5.2	1		08/08/11 20:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	1		08/08/11 20:39	87-68-3	
2-Hexanone	ND	ug/kg	52.0	1		08/08/11 20:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		08/08/11 20:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		08/08/11 20:39	99-87-6	
Methylene Chloride	ND	ug/kg	20.8	1		08/08/11 20:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	52.0	1		08/08/11 20:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		08/08/11 20:39	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-4-1 (5 FT) **Lab ID: 9299537007** Collected: 08/01/11 11:30 Received: 08/02/11 16:55 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	5.2	1		08/08/11 20:39	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		08/08/11 20:39	103-65-1	
Styrene	ND	ug/kg	5.2	1		08/08/11 20:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	1		08/08/11 20:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		08/08/11 20:39	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		08/08/11 20:39	127-18-4	
Toluene	ND	ug/kg	5.2	1		08/08/11 20:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	1		08/08/11 20:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1		08/08/11 20:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		08/08/11 20:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		08/08/11 20:39	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		08/08/11 20:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	1		08/08/11 20:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1		08/08/11 20:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		08/08/11 20:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		08/08/11 20:39	108-67-8	
Vinyl acetate	ND	ug/kg	52.0	1		08/08/11 20:39	108-05-4	
Vinyl chloride	ND	ug/kg	10.4	1		08/08/11 20:39	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	1		08/08/11 20:39	1330-20-7	
m&p-Xylene	ND	ug/kg	10.4	1		08/08/11 20:39	179601-23-1	
o-Xylene	ND	ug/kg	5.2	1		08/08/11 20:39	95-47-6	
Dibromofluoromethane (S)	97	%	70-130	1		08/08/11 20:39	1868-53-7	
Toluene-d8 (S)	99	%	70-130	1		08/08/11 20:39	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130	1		08/08/11 20:39	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-132	1		08/08/11 20:39	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**20.9**	%	0.10	1		08/03/11 13:39		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-5-1 (5 FT) **Lab ID: 9299537008** Collected: 08/01/11 11:40 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.2	1	08/04/11 13:45	08/08/11 20:28		N2
Aliphatic (C19-C36)	ND	mg/kg	12.2	1	08/04/11 13:45	08/08/11 20:28		N2
Aromatic (C11-C22)	ND	mg/kg	12.2	1	08/04/11 13:45	08/08/11 20:28		N2
Nonatriacontane (S)	79	%	40-140	1	08/04/11 13:45	08/08/11 20:28	7194-86-7	
o-Terphenyl (S)	74	%	40-140	1	08/04/11 13:45	08/08/11 20:28	84-15-1	
2-Fluorobiphenyl (S)	95	%	40-140	1	08/04/11 13:45	08/08/11 20:28	321-60-8	
2-Bromonaphthalene (S)	96	%	40-140	1	08/04/11 13:45	08/08/11 20:28	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.9	1	08/03/11 10:19	08/03/11 19:08		N2
Aliphatic (C09-C12)	ND	mg/kg	3.9	1	08/03/11 10:19	08/03/11 19:08		N2
Aromatic (C09-C10)	ND	mg/kg	3.9	1	08/03/11 10:19	08/03/11 19:08		N2
2,5-Dibromotoluene (PID)(S)	119	%	70-130	1	08/03/11 10:19	08/03/11 19:08		
2,5-Dibromotoluene (FID)(S)	122	%	70-130	1	08/03/11 10:19	08/03/11 19:08		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	83-32-9	
Acenaphthylene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	208-96-8	
Aniline	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	62-53-3	
Anthracene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	120-12-7	
Benzo(a)anthracene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	56-55-3	
Benzo(a)pyrene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	207-08-9	
Benzoic Acid	ND	ug/kg	2000	1	08/03/11 11:26	08/06/11 18:30	65-85-0	
Benzyl alcohol	ND	ug/kg	802	1	08/03/11 11:26	08/06/11 18:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	101-55-3	
Butylbenzylphthalate	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	802	1	08/03/11 11:26	08/06/11 18:30	59-50-7	
4-Chloroaniline	ND	ug/kg	2000	1	08/03/11 11:26	08/06/11 18:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	108-60-1	
2-Chloronaphthalene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	91-58-7	
2-Chlorophenol	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	7005-72-3	
Chrysene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	53-70-3	
Dibenzofuran	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2000	1	08/03/11 11:26	08/06/11 18:30	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-5-1 (5 FT) **Lab ID: 9299537008** Collected: 08/01/11 11:40 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	105-67-9	
Dimethylphthalate	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	131-11-3	
Di-n-butylphthalate	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	802	1	08/03/11 11:26	08/06/11 18:30	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2000	1	08/03/11 11:26	08/06/11 18:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	606-20-2	
Di-n-octylphthalate	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	117-81-7	
Fluoranthene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	206-44-0	
Fluorene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	87-68-3	
Hexachlorobenzene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	77-47-4	
Hexachloroethane	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	193-39-5	
Isophorone	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	78-59-1	
1-Methylnaphthalene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	90-12-0	
2-Methylnaphthalene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30		
Naphthalene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	91-20-3	
2-Nitroaniline	ND	ug/kg	2000	1	08/03/11 11:26	08/06/11 18:30	88-74-4	
3-Nitroaniline	ND	ug/kg	2000	1	08/03/11 11:26	08/06/11 18:30	99-09-2	
4-Nitroaniline	ND	ug/kg	802	1	08/03/11 11:26	08/06/11 18:30	100-01-6	
Nitrobenzene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	98-95-3	
2-Nitrophenol	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	88-75-5	
4-Nitrophenol	ND	ug/kg	2000	1	08/03/11 11:26	08/06/11 18:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	86-30-6	
Pentachlorophenol	ND	ug/kg	2000	1	08/03/11 11:26	08/06/11 18:30	87-86-5	
Phenanthrene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	85-01-8	
Phenol	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	108-95-2	
Pyrene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	401	1	08/03/11 11:26	08/06/11 18:30	88-06-2	
Nitrobenzene-d5 (S)	51	%	23-110	1	08/03/11 11:26	08/06/11 18:30	4165-60-0	
2-Fluorobiphenyl (S)	46	%	30-110	1	08/03/11 11:26	08/06/11 18:30	321-60-8	
Terphenyl-d14 (S)	47	%	28-110	1	08/03/11 11:26	08/06/11 18:30	1718-51-0	
Phenol-d6 (S)	54	%	22-110	1	08/03/11 11:26	08/06/11 18:30	13127-88-3	
2-Fluorophenol (S)	48	%	13-110	1	08/03/11 11:26	08/06/11 18:30	367-12-4	
2,4,6-Tribromophenol (S)	39	%	27-110	1	08/03/11 11:26	08/06/11 18:30	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-5-1 (5 FT) **Lab ID: 9299537008** Collected: 08/01/11 11:40 Received: 08/02/11 16:55 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	**129**	ug/kg	112	1		08/08/11 20:59	67-64-1	C9
Benzene	ND	ug/kg	5.6	1		08/08/11 20:59	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1		08/08/11 20:59	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1		08/08/11 20:59	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	1		08/08/11 20:59	75-27-4	
Bromoform	ND	ug/kg	5.6	1		08/08/11 20:59	75-25-2	
Bromomethane	ND	ug/kg	11.2	1		08/08/11 20:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	112	1		08/08/11 20:59	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	1		08/08/11 20:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		08/08/11 20:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	1		08/08/11 20:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	1		08/08/11 20:59	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		08/08/11 20:59	108-90-7	
Chloroethane	ND	ug/kg	11.2	1		08/08/11 20:59	75-00-3	
Chloroform	ND	ug/kg	5.6	1		08/08/11 20:59	67-66-3	
Chloromethane	ND	ug/kg	11.2	1		08/08/11 20:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	1		08/08/11 20:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	1		08/08/11 20:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	1		08/08/11 20:59	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	1		08/08/11 20:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		08/08/11 20:59	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1		08/08/11 20:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		08/08/11 20:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		08/08/11 20:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		08/08/11 20:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.2	1		08/08/11 20:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		08/08/11 20:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		08/08/11 20:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	1		08/08/11 20:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		08/08/11 20:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		08/08/11 20:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		08/08/11 20:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1		08/08/11 20:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1		08/08/11 20:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1		08/08/11 20:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		08/08/11 20:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		08/08/11 20:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1		08/08/11 20:59	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	1		08/08/11 20:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	1		08/08/11 20:59	87-68-3	
2-Hexanone	ND	ug/kg	55.8	1		08/08/11 20:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		08/08/11 20:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		08/08/11 20:59	99-87-6	
Methylene Chloride	ND	ug/kg	22.3	1		08/08/11 20:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.8	1		08/08/11 20:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		08/08/11 20:59	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-5-1 (5 FT) **Lab ID: 9299537008** Collected: 08/01/11 11:40 Received: 08/02/11 16:55 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	5.6	1		08/08/11 20:59	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1		08/08/11 20:59	103-65-1	
Styrene	ND	ug/kg	5.6	1		08/08/11 20:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	1		08/08/11 20:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		08/08/11 20:59	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		08/08/11 20:59	127-18-4	
Toluene	ND	ug/kg	5.6	1		08/08/11 20:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	1		08/08/11 20:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		08/08/11 20:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		08/08/11 20:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		08/08/11 20:59	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		08/08/11 20:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	1		08/08/11 20:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1		08/08/11 20:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		08/08/11 20:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		08/08/11 20:59	108-67-8	
Vinyl acetate	ND	ug/kg	55.8	1		08/08/11 20:59	108-05-4	
Vinyl chloride	ND	ug/kg	11.2	1		08/08/11 20:59	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	1		08/08/11 20:59	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	1		08/08/11 20:59	179601-23-1	
o-Xylene	ND	ug/kg	5.6	1		08/08/11 20:59	95-47-6	
Dibromofluoromethane (S)	101	%	70-130	1		08/08/11 20:59	1868-53-7	
Toluene-d8 (S)	100	%	70-130	1		08/08/11 20:59	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130	1		08/08/11 20:59	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-132	1		08/08/11 20:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.7**	%	0.10	1		08/03/11 13:40		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-7-1 (5 FT) **Lab ID: 9299537009** Collected: 08/01/11 12:00 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.3	1	08/04/11 13:45	08/08/11 21:04		N2
Aliphatic (C19-C36)	ND	mg/kg	12.3	1	08/04/11 13:45	08/08/11 21:04		N2
Aromatic (C11-C22)	ND	mg/kg	12.3	1	08/04/11 13:45	08/08/11 21:04		N2
Nonatriacontane (S)	62	%	40-140	1	08/04/11 13:45	08/08/11 21:04	7194-86-7	
o-Terphenyl (S)	64	%	40-140	1	08/04/11 13:45	08/08/11 21:04	84-15-1	
2-Fluorobiphenyl (S)	102	%	40-140	1	08/04/11 13:45	08/08/11 21:04	321-60-8	
2-Bromonaphthalene (S)	99	%	40-140	1	08/04/11 13:45	08/08/11 21:04	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.5	1	08/03/11 10:19	08/03/11 19:32		N2
Aliphatic (C09-C12)	ND	mg/kg	3.5	1	08/03/11 10:19	08/03/11 19:32		N2
Aromatic (C09-C10)	ND	mg/kg	3.5	1	08/03/11 10:19	08/03/11 19:32		N2
2,5-Dibromotoluene (PID)(S)	136	%	70-130	1	08/03/11 10:19	08/03/11 19:32		1g
2,5-Dibromotoluene (FID)(S)	140	%	70-130	1	08/03/11 10:19	08/03/11 19:32		1g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	83-32-9	
Acenaphthylene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	208-96-8	
Aniline	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	62-53-3	
Anthracene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	120-12-7	
Benzo(a)anthracene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	56-55-3	
Benzo(a)pyrene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	207-08-9	
Benzoic Acid	ND	ug/kg	2030	1	08/03/11 11:26	08/06/11 18:56	65-85-0	
Benzyl alcohol	ND	ug/kg	813	1	08/03/11 11:26	08/06/11 18:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	101-55-3	
Butylbenzylphthalate	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	813	1	08/03/11 11:26	08/06/11 18:56	59-50-7	
4-Chloroaniline	ND	ug/kg	2030	1	08/03/11 11:26	08/06/11 18:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	108-60-1	
2-Chloronaphthalene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	91-58-7	
2-Chlorophenol	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	7005-72-3	
Chrysene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	53-70-3	
Dibenzofuran	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2030	1	08/03/11 11:26	08/06/11 18:56	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-7-1 (5 FT) **Lab ID: 9299537009** Collected: 08/01/11 12:00 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	105-67-9	
Dimethylphthalate	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	131-11-3	
Di-n-butylphthalate	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	813	1	08/03/11 11:26	08/06/11 18:56	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2030	1	08/03/11 11:26	08/06/11 18:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	606-20-2	
Di-n-octylphthalate	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	117-81-7	
Fluoranthene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	206-44-0	
Fluorene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	87-68-3	
Hexachlorobenzene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	77-47-4	
Hexachloroethane	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	193-39-5	
Isophorone	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	78-59-1	
1-Methylnaphthalene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	90-12-0	
2-Methylnaphthalene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56		
Naphthalene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	91-20-3	
2-Nitroaniline	ND	ug/kg	2030	1	08/03/11 11:26	08/06/11 18:56	88-74-4	
3-Nitroaniline	ND	ug/kg	2030	1	08/03/11 11:26	08/06/11 18:56	99-09-2	
4-Nitroaniline	ND	ug/kg	813	1	08/03/11 11:26	08/06/11 18:56	100-01-6	
Nitrobenzene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	98-95-3	
2-Nitrophenol	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	88-75-5	
4-Nitrophenol	ND	ug/kg	2030	1	08/03/11 11:26	08/06/11 18:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	86-30-6	
Pentachlorophenol	ND	ug/kg	2030	1	08/03/11 11:26	08/06/11 18:56	87-86-5	
Phenanthrene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	85-01-8	
Phenol	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	108-95-2	
Pyrene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	407	1	08/03/11 11:26	08/06/11 18:56	88-06-2	
Nitrobenzene-d5 (S)	59	%	23-110	1	08/03/11 11:26	08/06/11 18:56	4165-60-0	
2-Fluorobiphenyl (S)	51	%	30-110	1	08/03/11 11:26	08/06/11 18:56	321-60-8	
Terphenyl-d14 (S)	58	%	28-110	1	08/03/11 11:26	08/06/11 18:56	1718-51-0	
Phenol-d6 (S)	61	%	22-110	1	08/03/11 11:26	08/06/11 18:56	13127-88-3	
2-Fluorophenol (S)	59	%	13-110	1	08/03/11 11:26	08/06/11 18:56	367-12-4	
2,4,6-Tribromophenol (S)	50	%	27-110	1	08/03/11 11:26	08/06/11 18:56	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-7-1 (5 FT) **Lab ID: 9299537009** Collected: 08/01/11 12:00 Received: 08/02/11 16:55 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	110	1		08/08/11 21:19	67-64-1	
Benzene	ND	ug/kg	5.5	1		08/08/11 21:19	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		08/08/11 21:19	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		08/08/11 21:19	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		08/08/11 21:19	75-27-4	
Bromoform	ND	ug/kg	5.5	1		08/08/11 21:19	75-25-2	
Bromomethane	ND	ug/kg	11.0	1		08/08/11 21:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	110	1		08/08/11 21:19	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		08/08/11 21:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		08/08/11 21:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		08/08/11 21:19	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.5	1		08/08/11 21:19	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		08/08/11 21:19	108-90-7	
Chloroethane	ND	ug/kg	11.0	1		08/08/11 21:19	75-00-3	
Chloroform	ND	ug/kg	5.5	1		08/08/11 21:19	67-66-3	
Chloromethane	ND	ug/kg	11.0	1		08/08/11 21:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		08/08/11 21:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		08/08/11 21:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	1		08/08/11 21:19	96-12-8	
Dibromochloromethane	ND	ug/kg	5.5	1		08/08/11 21:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		08/08/11 21:19	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		08/08/11 21:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		08/08/11 21:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		08/08/11 21:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		08/08/11 21:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.0	1		08/08/11 21:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		08/08/11 21:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		08/08/11 21:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		08/08/11 21:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		08/08/11 21:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		08/08/11 21:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		08/08/11 21:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		08/08/11 21:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		08/08/11 21:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		08/08/11 21:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		08/08/11 21:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		08/08/11 21:19	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.5	1		08/08/11 21:19	108-20-3	
Ethylbenzene	ND	ug/kg	5.5	1		08/08/11 21:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		08/08/11 21:19	87-68-3	
2-Hexanone	ND	ug/kg	54.8	1		08/08/11 21:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		08/08/11 21:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		08/08/11 21:19	99-87-6	
Methylene Chloride	ND	ug/kg	21.9	1		08/08/11 21:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.8	1		08/08/11 21:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		08/08/11 21:19	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: P-87-UST-7-1 (5 FT) **Lab ID: 9299537009** Collected: 08/01/11 12:00 Received: 08/02/11 16:55 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	5.5	1		08/08/11 21:19	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1		08/08/11 21:19	103-65-1	
Styrene	ND	ug/kg	5.5	1		08/08/11 21:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		08/08/11 21:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		08/08/11 21:19	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		08/08/11 21:19	127-18-4	
Toluene	ND	ug/kg	5.5	1		08/08/11 21:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		08/08/11 21:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		08/08/11 21:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		08/08/11 21:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		08/08/11 21:19	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		08/08/11 21:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	1		08/08/11 21:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		08/08/11 21:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		08/08/11 21:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		08/08/11 21:19	108-67-8	
Vinyl acetate	ND	ug/kg	54.8	1		08/08/11 21:19	108-05-4	
Vinyl chloride	ND	ug/kg	11.0	1		08/08/11 21:19	75-01-4	
Xylene (Total)	ND	ug/kg	11.0	1		08/08/11 21:19	1330-20-7	
m&p-Xylene	ND	ug/kg	11.0	1		08/08/11 21:19	179601-23-1	
o-Xylene	ND	ug/kg	5.5	1		08/08/11 21:19	95-47-6	
Dibromofluoromethane (S)	104	%	70-130	1		08/08/11 21:19	1868-53-7	
Toluene-d8 (S)	98	%	70-130	1		08/08/11 21:19	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130	1		08/08/11 21:19	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-132	1		08/08/11 21:19	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**18.8**	%	0.10	1		08/03/11 13:40		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 1 (3 FT) **Lab ID: 9299537010** Collected: 08/02/11 07:45 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	10.4	1	08/04/11 13:45	08/08/11 21:40		N2
Aliphatic (C19-C36)	ND	mg/kg	10.4	1	08/04/11 13:45	08/08/11 21:40		N2
Aromatic (C11-C22)	ND	mg/kg	10.4	1	08/04/11 13:45	08/08/11 21:40		N2
Nonatriacontane (S)	78	%	40-140	1	08/04/11 13:45	08/08/11 21:40	7194-86-7	
o-Terphenyl (S)	78	%	40-140	1	08/04/11 13:45	08/08/11 21:40	84-15-1	
2-Fluorobiphenyl (S)	94	%	40-140	1	08/04/11 13:45	08/08/11 21:40	321-60-8	
2-Bromonaphthalene (S)	93	%	40-140	1	08/04/11 13:45	08/08/11 21:40	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.5	1	08/04/11 11:19	08/04/11 14:12		N2
Aliphatic (C09-C12)	ND	mg/kg	2.5	1	08/04/11 11:19	08/04/11 14:12		N2
Aromatic (C09-C10)	ND	mg/kg	2.5	1	08/04/11 11:19	08/04/11 14:12		N2
2,5-Dibromotoluene (PID)(S)	104	%	70-130	1	08/04/11 11:19	08/04/11 14:12		
2,5-Dibromotoluene (FID)(S)	106	%	70-130	1	08/04/11 11:19	08/04/11 14:12		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	83-32-9	
Acenaphthylene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	208-96-8	
Aniline	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	62-53-3	
Anthracene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	120-12-7	
Benzo(a)anthracene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	56-55-3	
Benzo(a)pyrene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	207-08-9	
Benzoic Acid	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:23	65-85-0	
Benzyl alcohol	ND	ug/kg	692	1	08/03/11 11:26	08/06/11 19:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	101-55-3	
Butylbenzylphthalate	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	692	1	08/03/11 11:26	08/06/11 19:23	59-50-7	
4-Chloroaniline	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	108-60-1	
2-Chloronaphthalene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	91-58-7	
2-Chlorophenol	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	7005-72-3	
Chrysene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	53-70-3	
Dibenzofuran	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:23	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 1 (3 FT) **Lab ID: 9299537010** Collected: 08/02/11 07:45 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	105-67-9	
Dimethylphthalate	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	131-11-3	
Di-n-butylphthalate	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	692	1	08/03/11 11:26	08/06/11 19:23	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	606-20-2	
Di-n-octylphthalate	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	117-81-7	
Fluoranthene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	206-44-0	
Fluorene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	87-68-3	
Hexachlorobenzene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	77-47-4	
Hexachloroethane	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	193-39-5	
Isophorone	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	78-59-1	
1-Methylnaphthalene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	90-12-0	
2-Methylnaphthalene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23		
Naphthalene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	91-20-3	
2-Nitroaniline	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:23	88-74-4	
3-Nitroaniline	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:23	99-09-2	
4-Nitroaniline	ND	ug/kg	692	1	08/03/11 11:26	08/06/11 19:23	100-01-6	
Nitrobenzene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	98-95-3	
2-Nitrophenol	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	88-75-5	
4-Nitrophenol	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:23	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	86-30-6	
Pentachlorophenol	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:23	87-86-5	
Phenanthrene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	85-01-8	
Phenol	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	108-95-2	
Pyrene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	346	1	08/03/11 11:26	08/06/11 19:23	88-06-2	
Nitrobenzene-d5 (S)	54	%	23-110	1	08/03/11 11:26	08/06/11 19:23	4165-60-0	
2-Fluorobiphenyl (S)	55	%	30-110	1	08/03/11 11:26	08/06/11 19:23	321-60-8	
Terphenyl-d14 (S)	60	%	28-110	1	08/03/11 11:26	08/06/11 19:23	1718-51-0	
Phenol-d6 (S)	64	%	22-110	1	08/03/11 11:26	08/06/11 19:23	13127-88-3	
2-Fluorophenol (S)	55	%	13-110	1	08/03/11 11:26	08/06/11 19:23	367-12-4	
2,4,6-Tribromophenol (S)	50	%	27-110	1	08/03/11 11:26	08/06/11 19:23	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 1 (3 FT) **Lab ID: 9299537010** Collected: 08/02/11 07:45 Received: 08/02/11 16:55 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	95.6	1		08/08/11 21:39	67-64-1	
Benzene	ND	ug/kg	4.8	1		08/08/11 21:39	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		08/08/11 21:39	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		08/08/11 21:39	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		08/08/11 21:39	75-27-4	
Bromoform	ND	ug/kg	4.8	1		08/08/11 21:39	75-25-2	
Bromomethane	ND	ug/kg	9.6	1		08/08/11 21:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	95.6	1		08/08/11 21:39	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 21:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 21:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 21:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	1		08/08/11 21:39	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		08/08/11 21:39	108-90-7	
Chloroethane	ND	ug/kg	9.6	1		08/08/11 21:39	75-00-3	
Chloroform	ND	ug/kg	4.8	1		08/08/11 21:39	67-66-3	
Chloromethane	ND	ug/kg	9.6	1		08/08/11 21:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 21:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 21:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		08/08/11 21:39	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		08/08/11 21:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		08/08/11 21:39	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		08/08/11 21:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 21:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 21:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 21:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.6	1		08/08/11 21:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 21:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 21:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 21:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 21:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 21:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 21:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 21:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 21:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 21:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 21:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 21:39	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		08/08/11 21:39	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		08/08/11 21:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		08/08/11 21:39	87-68-3	
2-Hexanone	ND	ug/kg	47.8	1		08/08/11 21:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		08/08/11 21:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		08/08/11 21:39	99-87-6	
Methylene Chloride	ND	ug/kg	19.1	1		08/08/11 21:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.8	1		08/08/11 21:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		08/08/11 21:39	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 1 (3 FT) **Lab ID: 9299537010** Collected: 08/02/11 07:45 Received: 08/02/11 16:55 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	4.8	1		08/08/11 21:39	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		08/08/11 21:39	103-65-1	
Styrene	ND	ug/kg	4.8	1		08/08/11 21:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 21:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 21:39	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		08/08/11 21:39	127-18-4	
Toluene	ND	ug/kg	4.8	1		08/08/11 21:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 21:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 21:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 21:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 21:39	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		08/08/11 21:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		08/08/11 21:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		08/08/11 21:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 21:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 21:39	108-67-8	
Vinyl acetate	ND	ug/kg	47.8	1		08/08/11 21:39	108-05-4	
Vinyl chloride	ND	ug/kg	9.6	1		08/08/11 21:39	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		08/08/11 21:39	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		08/08/11 21:39	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		08/08/11 21:39	95-47-6	
Dibromofluoromethane (S)	100	%	70-130	1		08/08/11 21:39	1868-53-7	
Toluene-d8 (S)	94	%	70-130	1		08/08/11 21:39	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130	1		08/08/11 21:39	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-132	1		08/08/11 21:39	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.6**	%	0.10	1		08/03/11 13:40		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 2 (3 FT) **Lab ID: 9299537011** Collected: 08/02/11 07:50 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	10.4	1	08/04/11 13:45	08/08/11 12:48		N2
Aliphatic (C19-C36)	ND	mg/kg	10.4	1	08/04/11 13:45	08/08/11 12:48		N2
Aromatic (C11-C22)	ND	mg/kg	10.4	1	08/04/11 13:45	08/08/11 12:48		N2
Nonatriacontane (S)	98	%	40-140	1	08/04/11 13:45	08/08/11 12:48	7194-86-7	
o-Terphenyl (S)	96	%	40-140	1	08/04/11 13:45	08/08/11 12:48	84-15-1	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.5	1	08/04/11 11:19	08/04/11 14:37		N2
Aliphatic (C09-C12)	ND	mg/kg	2.5	1	08/04/11 11:19	08/04/11 14:37		N2
Aromatic (C09-C10)	ND	mg/kg	2.5	1	08/04/11 11:19	08/04/11 14:37		N2
2,5-Dibromotoluene (PID)(S)	101	%	70-130	1	08/04/11 11:19	08/04/11 14:37		
2,5-Dibromotoluene (FID)(S)	102	%	70-130	1	08/04/11 11:19	08/04/11 14:37		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	83-32-9	
Acenaphthylene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	208-96-8	
Aniline	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	62-53-3	
Anthracene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	120-12-7	
Benzo(a)anthracene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	56-55-3	
Benzo(a)pyrene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	207-08-9	
Benzoic Acid	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:50	65-85-0	
Benzyl alcohol	ND	ug/kg	691	1	08/03/11 11:26	08/06/11 19:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	101-55-3	
Butylbenzylphthalate	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	691	1	08/03/11 11:26	08/06/11 19:50	59-50-7	
4-Chloroaniline	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	108-60-1	
2-Chloronaphthalene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	91-58-7	
2-Chlorophenol	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	7005-72-3	
Chrysene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	53-70-3	
Dibenzofuran	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:50	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	120-83-2	
Diethylphthalate	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	105-67-9	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 2 (3 FT) **Lab ID: 9299537011** Collected: 08/02/11 07:50 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Dimethylphthalate	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	131-11-3	
Di-n-butylphthalate	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	691	1	08/03/11 11:26	08/06/11 19:50	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	606-20-2	
Di-n-octylphthalate	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	117-81-7	
Fluoranthene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	206-44-0	
Fluorene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	87-68-3	
Hexachlorobenzene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	77-47-4	
Hexachloroethane	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	193-39-5	
Isophorone	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	78-59-1	
1-Methylnaphthalene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	90-12-0	
2-Methylnaphthalene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50		
Naphthalene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	91-20-3	
2-Nitroaniline	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:50	88-74-4	
3-Nitroaniline	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:50	99-09-2	
4-Nitroaniline	ND	ug/kg	691	1	08/03/11 11:26	08/06/11 19:50	100-01-6	
Nitrobenzene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	98-95-3	
2-Nitrophenol	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	88-75-5	
4-Nitrophenol	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	86-30-6	
Pentachlorophenol	ND	ug/kg	1730	1	08/03/11 11:26	08/06/11 19:50	87-86-5	
Phenanthrene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	85-01-8	
Phenol	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	108-95-2	
Pyrene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	345	1	08/03/11 11:26	08/06/11 19:50	88-06-2	
Nitrobenzene-d5 (S)	32	%	23-110	1	08/03/11 11:26	08/06/11 19:50	4165-60-0	
2-Fluorobiphenyl (S)	33	%	30-110	1	08/03/11 11:26	08/06/11 19:50	321-60-8	
Terphenyl-d14 (S)	46	%	28-110	1	08/03/11 11:26	08/06/11 19:50	1718-51-0	
Phenol-d6 (S)	35	%	22-110	1	08/03/11 11:26	08/06/11 19:50	13127-88-3	
2-Fluorophenol (S)	32	%	13-110	1	08/03/11 11:26	08/06/11 19:50	367-12-4	
2,4,6-Tribromophenol (S)	38	%	27-110	1	08/03/11 11:26	08/06/11 19:50	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	90.8	1		08/08/11 21:59	67-64-1	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 2 (3 FT) **Lab ID: 9299537011** Collected: 08/02/11 07:50 Received: 08/02/11 16:55 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							
Benzene	ND	ug/kg	4.5	1		08/08/11 21:59	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		08/08/11 21:59	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		08/08/11 21:59	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		08/08/11 21:59	75-27-4	
Bromoform	ND	ug/kg	4.5	1		08/08/11 21:59	75-25-2	
Bromomethane	ND	ug/kg	9.1	1		08/08/11 21:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	90.8	1		08/08/11 21:59	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		08/08/11 21:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		08/08/11 21:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		08/08/11 21:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.5	1		08/08/11 21:59	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		08/08/11 21:59	108-90-7	
Chloroethane	ND	ug/kg	9.1	1		08/08/11 21:59	75-00-3	
Chloroform	ND	ug/kg	4.5	1		08/08/11 21:59	67-66-3	
Chloromethane	ND	ug/kg	9.1	1		08/08/11 21:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		08/08/11 21:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		08/08/11 21:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		08/08/11 21:59	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		08/08/11 21:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		08/08/11 21:59	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		08/08/11 21:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		08/08/11 21:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		08/08/11 21:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		08/08/11 21:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.1	1		08/08/11 21:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		08/08/11 21:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		08/08/11 21:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		08/08/11 21:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		08/08/11 21:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		08/08/11 21:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		08/08/11 21:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		08/08/11 21:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		08/08/11 21:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		08/08/11 21:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		08/08/11 21:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		08/08/11 21:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.5	1		08/08/11 21:59	108-20-3	
Ethylbenzene	ND	ug/kg	4.5	1		08/08/11 21:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		08/08/11 21:59	87-68-3	
2-Hexanone	ND	ug/kg	45.4	1		08/08/11 21:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		08/08/11 21:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		08/08/11 21:59	99-87-6	
Methylene Chloride	ND	ug/kg	18.2	1		08/08/11 21:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.4	1		08/08/11 21:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		08/08/11 21:59	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		08/08/11 21:59	91-20-3	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 2 (3 FT) **Lab ID: 9299537011** Collected: 08/02/11 07:50 Received: 08/02/11 16:55 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							
n-Propylbenzene	ND	ug/kg	4.5	1		08/08/11 21:59	103-65-1	
Styrene	ND	ug/kg	4.5	1		08/08/11 21:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		08/08/11 21:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		08/08/11 21:59	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		08/08/11 21:59	127-18-4	
Toluene	ND	ug/kg	4.5	1		08/08/11 21:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		08/08/11 21:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		08/08/11 21:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		08/08/11 21:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		08/08/11 21:59	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		08/08/11 21:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		08/08/11 21:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		08/08/11 21:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		08/08/11 21:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		08/08/11 21:59	108-67-8	
Vinyl acetate	ND	ug/kg	45.4	1		08/08/11 21:59	108-05-4	
Vinyl chloride	ND	ug/kg	9.1	1		08/08/11 21:59	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	1		08/08/11 21:59	1330-20-7	
m&p-Xylene	ND	ug/kg	9.1	1		08/08/11 21:59	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1		08/08/11 21:59	95-47-6	
Dibromofluoromethane (S)	108	%	70-130	1		08/08/11 21:59	1868-53-7	
Toluene-d8 (S)	100	%	70-130	1		08/08/11 21:59	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130	1		08/08/11 21:59	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-132	1		08/08/11 21:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.4**	%	0.10	1		08/03/11 13:41		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 3 (3 FT) **Lab ID: 9299537012** Collected: 08/02/11 07:55 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	**18.9**	mg/kg	12.4	1	08/04/11 13:45	08/08/11 22:16		N2
Aliphatic (C19-C36)	ND	mg/kg	12.4	1	08/04/11 13:45	08/08/11 22:16		N2
Aromatic (C11-C22)	ND	mg/kg	12.4	1	08/04/11 13:45	08/08/11 22:16		N2
Nonatriacontane (S)	84	%	40-140	1	08/04/11 13:45	08/08/11 22:16	7194-86-7	
o-Terphenyl (S)	80	%	40-140	1	08/04/11 13:45	08/08/11 22:16	84-15-1	
2-Fluorobiphenyl (S)	103	%	40-140	1	08/04/11 13:45	08/08/11 22:16	321-60-8	
2-Bromonaphthalene (S)	117	%	40-140	1	08/04/11 13:45	08/08/11 22:16	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.4	1	08/04/11 11:19	08/04/11 15:02		N2
Aliphatic (C09-C12)	ND	mg/kg	3.4	1	08/04/11 11:19	08/04/11 15:02		N2
Aromatic (C09-C10)	ND	mg/kg	3.4	1	08/04/11 11:19	08/04/11 15:02		N2
2,5-Dibromotoluene (PID)(S)	134	%	70-130	1	08/04/11 11:19	08/04/11 15:02		1g
2,5-Dibromotoluene (FID)(S)	139	%	70-130	1	08/04/11 11:19	08/04/11 15:02		1g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	83-32-9	
Acenaphthylene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	208-96-8	
Aniline	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	62-53-3	
Anthracene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	120-12-7	
Benzo(a)anthracene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	56-55-3	
Benzo(a)pyrene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	207-08-9	
Benzoic Acid	ND	ug/kg	2070	1	08/03/11 11:26	08/06/11 20:17	65-85-0	
Benzyl alcohol	ND	ug/kg	827	1	08/03/11 11:26	08/06/11 20:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	101-55-3	
Butylbenzylphthalate	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	827	1	08/03/11 11:26	08/06/11 20:17	59-50-7	
4-Chloroaniline	ND	ug/kg	2070	1	08/03/11 11:26	08/06/11 20:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	108-60-1	
2-Chloronaphthalene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	91-58-7	
2-Chlorophenol	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	7005-72-3	
Chrysene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	53-70-3	
Dibenzofuran	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2070	1	08/03/11 11:26	08/06/11 20:17	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 3 (3 FT) **Lab ID: 9299537012** Collected: 08/02/11 07:55 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	105-67-9	
Dimethylphthalate	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	131-11-3	
Di-n-butylphthalate	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	827	1	08/03/11 11:26	08/06/11 20:17	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2070	1	08/03/11 11:26	08/06/11 20:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	606-20-2	
Di-n-octylphthalate	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	117-81-7	
Fluoranthene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	206-44-0	
Fluorene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	87-68-3	
Hexachlorobenzene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	77-47-4	
Hexachloroethane	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	193-39-5	
Isophorone	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	78-59-1	
1-Methylnaphthalene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	90-12-0	
2-Methylnaphthalene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17		
Naphthalene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	91-20-3	
2-Nitroaniline	ND	ug/kg	2070	1	08/03/11 11:26	08/06/11 20:17	88-74-4	
3-Nitroaniline	ND	ug/kg	2070	1	08/03/11 11:26	08/06/11 20:17	99-09-2	
4-Nitroaniline	ND	ug/kg	827	1	08/03/11 11:26	08/06/11 20:17	100-01-6	
Nitrobenzene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	98-95-3	
2-Nitrophenol	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	88-75-5	
4-Nitrophenol	ND	ug/kg	2070	1	08/03/11 11:26	08/06/11 20:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	86-30-6	
Pentachlorophenol	ND	ug/kg	2070	1	08/03/11 11:26	08/06/11 20:17	87-86-5	
Phenanthrene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	85-01-8	
Phenol	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	108-95-2	
Pyrene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	414	1	08/03/11 11:26	08/06/11 20:17	88-06-2	
Nitrobenzene-d5 (S)	51	%	23-110	1	08/03/11 11:26	08/06/11 20:17	4165-60-0	
2-Fluorobiphenyl (S)	43	%	30-110	1	08/03/11 11:26	08/06/11 20:17	321-60-8	
Terphenyl-d14 (S)	49	%	28-110	1	08/03/11 11:26	08/06/11 20:17	1718-51-0	
Phenol-d6 (S)	55	%	22-110	1	08/03/11 11:26	08/06/11 20:17	13127-88-3	
2-Fluorophenol (S)	49	%	13-110	1	08/03/11 11:26	08/06/11 20:17	367-12-4	
2,4,6-Tribromophenol (S)	42	%	27-110	1	08/03/11 11:26	08/06/11 20:17	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 3 (3 FT) **Lab ID: 9299537012** Collected: 08/02/11 07:55 Received: 08/02/11 16:55 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	106	1		08/08/11 22:19	67-64-1	
Benzene	ND	ug/kg	5.3	1		08/08/11 22:19	71-43-2	
Bromobenzene	ND	ug/kg	5.3	1		08/08/11 22:19	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1		08/08/11 22:19	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	1		08/08/11 22:19	75-27-4	
Bromoform	ND	ug/kg	5.3	1		08/08/11 22:19	75-25-2	
Bromomethane	ND	ug/kg	10.6	1		08/08/11 22:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	106	1		08/08/11 22:19	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1		08/08/11 22:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1		08/08/11 22:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.3	1		08/08/11 22:19	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.3	1		08/08/11 22:19	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		08/08/11 22:19	108-90-7	
Chloroethane	ND	ug/kg	10.6	1		08/08/11 22:19	75-00-3	
Chloroform	ND	ug/kg	5.3	1		08/08/11 22:19	67-66-3	
Chloromethane	ND	ug/kg	10.6	1		08/08/11 22:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.3	1		08/08/11 22:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.3	1		08/08/11 22:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	1		08/08/11 22:19	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1		08/08/11 22:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		08/08/11 22:19	106-93-4	
Dibromomethane	ND	ug/kg	5.3	1		08/08/11 22:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		08/08/11 22:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		08/08/11 22:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		08/08/11 22:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.6	1		08/08/11 22:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1		08/08/11 22:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		08/08/11 22:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.3	1		08/08/11 22:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		08/08/11 22:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		08/08/11 22:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		08/08/11 22:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.3	1		08/08/11 22:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.3	1		08/08/11 22:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.3	1		08/08/11 22:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		08/08/11 22:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		08/08/11 22:19	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.3	1		08/08/11 22:19	108-20-3	
Ethylbenzene	ND	ug/kg	5.3	1		08/08/11 22:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	1		08/08/11 22:19	87-68-3	
2-Hexanone	ND	ug/kg	52.9	1		08/08/11 22:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		08/08/11 22:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1		08/08/11 22:19	99-87-6	
Methylene Chloride	ND	ug/kg	21.2	1		08/08/11 22:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	52.9	1		08/08/11 22:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		08/08/11 22:19	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 3 (3 FT) **Lab ID: 9299537012** Collected: 08/02/11 07:55 Received: 08/02/11 16:55 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	5.3	1		08/08/11 22:19	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1		08/08/11 22:19	103-65-1	
Styrene	ND	ug/kg	5.3	1		08/08/11 22:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	1		08/08/11 22:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		08/08/11 22:19	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		08/08/11 22:19	127-18-4	
Toluene	ND	ug/kg	5.3	1		08/08/11 22:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	1		08/08/11 22:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		08/08/11 22:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		08/08/11 22:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		08/08/11 22:19	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1		08/08/11 22:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1		08/08/11 22:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1		08/08/11 22:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1		08/08/11 22:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1		08/08/11 22:19	108-67-8	
Vinyl acetate	ND	ug/kg	52.9	1		08/08/11 22:19	108-05-4	
Vinyl chloride	ND	ug/kg	10.6	1		08/08/11 22:19	75-01-4	
Xylene (Total)	ND	ug/kg	10.6	1		08/08/11 22:19	1330-20-7	
m&p-Xylene	ND	ug/kg	10.6	1		08/08/11 22:19	179601-23-1	
o-Xylene	ND	ug/kg	5.3	1		08/08/11 22:19	95-47-6	
Dibromofluoromethane (S)	107	%	70-130	1		08/08/11 22:19	1868-53-7	
Toluene-d8 (S)	97	%	70-130	1		08/08/11 22:19	2037-26-5	
4-Bromofluorobenzene (S)	84	%	70-130	1		08/08/11 22:19	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-132	1		08/08/11 22:19	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**20.2**	%	0.10	1		08/03/11 13:41		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 4 (3 FT) **Lab ID: 9299537013** Collected: 08/02/11 08:00 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.1	1	08/04/11 13:45	08/08/11 22:52		N2
Aliphatic (C19-C36)	ND	mg/kg	12.1	1	08/04/11 13:45	08/08/11 22:52		N2
Aromatic (C11-C22)	ND	mg/kg	12.1	1	08/04/11 13:45	08/08/11 22:52		N2
Nonatriacontane (S)	74	%	40-140	1	08/04/11 13:45	08/08/11 22:52	7194-86-7	
o-Terphenyl (S)	74	%	40-140	1	08/04/11 13:45	08/08/11 22:52	84-15-1	
2-Fluorobiphenyl (S)	90	%	40-140	1	08/04/11 13:45	08/08/11 22:52	321-60-8	
2-Bromonaphthalene (S)	89	%	40-140	1	08/04/11 13:45	08/08/11 22:52	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.9	1	08/04/11 11:19	08/04/11 15:27		N2
Aliphatic (C09-C12)	ND	mg/kg	2.9	1	08/04/11 11:19	08/04/11 15:27		N2
Aromatic (C09-C10)	ND	mg/kg	2.9	1	08/04/11 11:19	08/04/11 15:27		N2
2,5-Dibromotoluene (PID)(S)	135	%	70-130	1	08/04/11 11:19	08/04/11 15:27		1g
2,5-Dibromotoluene (FID)(S)	139	%	70-130	1	08/04/11 11:19	08/04/11 15:27		1g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	83-32-9	
Acenaphthylene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	208-96-8	
Aniline	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	62-53-3	
Anthracene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	120-12-7	
Benzo(a)anthracene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	56-55-3	
Benzo(a)pyrene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	207-08-9	
Benzoic Acid	ND	ug/kg	1990	1	08/03/11 11:26	08/06/11 20:44	65-85-0	
Benzyl alcohol	ND	ug/kg	797	1	08/03/11 11:26	08/06/11 20:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	101-55-3	
Butylbenzylphthalate	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	797	1	08/03/11 11:26	08/06/11 20:44	59-50-7	
4-Chloroaniline	ND	ug/kg	1990	1	08/03/11 11:26	08/06/11 20:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	108-60-1	
2-Chloronaphthalene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	91-58-7	
2-Chlorophenol	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	7005-72-3	
Chrysene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	53-70-3	
Dibenzofuran	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1990	1	08/03/11 11:26	08/06/11 20:44	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 4 (3 FT) **Lab ID: 9299537013** Collected: 08/02/11 08:00 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	105-67-9	
Dimethylphthalate	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	131-11-3	
Di-n-butylphthalate	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	797	1	08/03/11 11:26	08/06/11 20:44	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1990	1	08/03/11 11:26	08/06/11 20:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	606-20-2	
Di-n-octylphthalate	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	117-81-7	
Fluoranthene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	206-44-0	
Fluorene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	87-68-3	
Hexachlorobenzene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	77-47-4	
Hexachloroethane	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	193-39-5	
Isophorone	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	78-59-1	
1-Methylnaphthalene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	90-12-0	
2-Methylnaphthalene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44		
Naphthalene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	91-20-3	
2-Nitroaniline	ND	ug/kg	1990	1	08/03/11 11:26	08/06/11 20:44	88-74-4	
3-Nitroaniline	ND	ug/kg	1990	1	08/03/11 11:26	08/06/11 20:44	99-09-2	
4-Nitroaniline	ND	ug/kg	797	1	08/03/11 11:26	08/06/11 20:44	100-01-6	
Nitrobenzene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	98-95-3	
2-Nitrophenol	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	88-75-5	
4-Nitrophenol	ND	ug/kg	1990	1	08/03/11 11:26	08/06/11 20:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	86-30-6	
Pentachlorophenol	ND	ug/kg	1990	1	08/03/11 11:26	08/06/11 20:44	87-86-5	
Phenanthrene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	85-01-8	
Phenol	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	108-95-2	
Pyrene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	398	1	08/03/11 11:26	08/06/11 20:44	88-06-2	
Nitrobenzene-d5 (S)	47	%	23-110	1	08/03/11 11:26	08/06/11 20:44	4165-60-0	
2-Fluorobiphenyl (S)	42	%	30-110	1	08/03/11 11:26	08/06/11 20:44	321-60-8	
Terphenyl-d14 (S)	51	%	28-110	1	08/03/11 11:26	08/06/11 20:44	1718-51-0	
Phenol-d6 (S)	49	%	22-110	1	08/03/11 11:26	08/06/11 20:44	13127-88-3	
2-Fluorophenol (S)	43	%	13-110	1	08/03/11 11:26	08/06/11 20:44	367-12-4	
2,4,6-Tribromophenol (S)	40	%	27-110	1	08/03/11 11:26	08/06/11 20:44	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 4 (3 FT) **Lab ID: 9299537013** Collected: 08/02/11 08:00 Received: 08/02/11 16:55 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	96.1	1		08/08/11 22:39	67-64-1	
Benzene	ND	ug/kg	4.8	1		08/08/11 22:39	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		08/08/11 22:39	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		08/08/11 22:39	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		08/08/11 22:39	75-27-4	
Bromoform	ND	ug/kg	4.8	1		08/08/11 22:39	75-25-2	
Bromomethane	ND	ug/kg	9.6	1		08/08/11 22:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	96.1	1		08/08/11 22:39	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 22:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 22:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		08/08/11 22:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	1		08/08/11 22:39	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		08/08/11 22:39	108-90-7	
Chloroethane	ND	ug/kg	9.6	1		08/08/11 22:39	75-00-3	
Chloroform	ND	ug/kg	4.8	1		08/08/11 22:39	67-66-3	
Chloromethane	ND	ug/kg	9.6	1		08/08/11 22:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 22:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		08/08/11 22:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		08/08/11 22:39	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		08/08/11 22:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		08/08/11 22:39	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		08/08/11 22:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 22:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 22:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		08/08/11 22:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.6	1		08/08/11 22:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 22:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		08/08/11 22:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 22:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 22:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		08/08/11 22:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 22:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 22:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		08/08/11 22:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 22:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 22:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		08/08/11 22:39	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		08/08/11 22:39	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		08/08/11 22:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		08/08/11 22:39	87-68-3	
2-Hexanone	ND	ug/kg	48.1	1		08/08/11 22:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		08/08/11 22:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		08/08/11 22:39	99-87-6	
Methylene Chloride	ND	ug/kg	19.2	1		08/08/11 22:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.1	1		08/08/11 22:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		08/08/11 22:39	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FUEL LINE 4 (3 FT) **Lab ID: 9299537013** Collected: 08/02/11 08:00 Received: 08/02/11 16:55 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	4.8	1		08/08/11 22:39	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		08/08/11 22:39	103-65-1	
Styrene	ND	ug/kg	4.8	1		08/08/11 22:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 22:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		08/08/11 22:39	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		08/08/11 22:39	127-18-4	
Toluene	ND	ug/kg	4.8	1		08/08/11 22:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 22:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		08/08/11 22:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 22:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		08/08/11 22:39	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		08/08/11 22:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		08/08/11 22:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		08/08/11 22:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 22:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		08/08/11 22:39	108-67-8	
Vinyl acetate	ND	ug/kg	48.1	1		08/08/11 22:39	108-05-4	
Vinyl chloride	ND	ug/kg	9.6	1		08/08/11 22:39	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		08/08/11 22:39	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		08/08/11 22:39	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		08/08/11 22:39	95-47-6	
Dibromofluoromethane (S)	98	%	70-130	1		08/08/11 22:39	1868-53-7	
Toluene-d8 (S)	101	%	70-130	1		08/08/11 22:39	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130	1		08/08/11 22:39	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-132	1		08/08/11 22:39	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.2**	%	0.10	1		08/03/11 13:42		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FLOOR-1 (12 FT) **Lab ID: 9299537014** Collected: 08/02/11 09:40 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	**1290**	mg/kg	585	50	08/04/11 13:45	08/10/11 09:51		N2
Aliphatic (C19-C36)	ND	mg/kg	585	50	08/04/11 13:45	08/10/11 09:51		N2
Aromatic (C11-C22)	**337**	mg/kg	46.8	4	08/04/11 13:45	08/10/11 09:51		N2
Nonatriacontane (S)	0	%	40-140	50	08/04/11 13:45	08/10/11 09:51	7194-86-7	S4
o-Terphenyl (S)	105	%	40-140	4	08/04/11 13:45	08/10/11 09:51	84-15-1	
2-Fluorobiphenyl (S)	514	%	40-140	4	08/04/11 13:45	08/10/11 09:51	321-60-8	S5
2-Bromonaphthalene (S)	788	%	40-140	4	08/04/11 13:45	08/10/11 09:51	580-13-2	S5
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**13.9**	mg/kg	3.2	1	08/04/11 11:19	08/04/11 20:51		N2
Aliphatic (C09-C12)	**807**	mg/kg	3.2	1	08/04/11 11:19	08/04/11 20:51		N2,NC
Aromatic (C09-C10)	**278**	mg/kg	3.2	1	08/04/11 11:19	08/04/11 20:51		N2,NC
2,5-Dibromotoluene (PID)(S)	351	%	70-130	1	08/04/11 11:19	08/04/11 20:51		S5
2,5-Dibromotoluene (FID)(S)	1042	%	70-130	1	08/04/11 11:19	08/04/11 20:51		S5
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	83-32-9	
Acenaphthylene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	208-96-8	
Aniline	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	62-53-3	
Anthracene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	207-08-9	
Benzoic Acid	ND	ug/kg	1940	1	08/03/11 11:26	08/06/11 21:11	65-85-0	
Benzyl alcohol	ND	ug/kg	775	1	08/03/11 11:26	08/06/11 21:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	775	1	08/03/11 11:26	08/06/11 21:11	59-50-7	
4-Chloroaniline	ND	ug/kg	1940	1	08/03/11 11:26	08/06/11 21:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	108-60-1	
2-Chloronaphthalene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	91-58-7	
2-Chlorophenol	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	7005-72-3	
Chrysene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	53-70-3	
Dibenzofuran	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1940	1	08/03/11 11:26	08/06/11 21:11	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FLOOR-1 (12 FT) **Lab ID: 9299537014** Collected: 08/02/11 09:40 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	105-67-9	
Dimethylphthalate	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	775	1	08/03/11 11:26	08/06/11 21:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1940	1	08/03/11 11:26	08/06/11 21:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	117-81-7	
Fluoranthene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	206-44-0	
Fluorene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	77-47-4	
Hexachloroethane	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	193-39-5	
Isophorone	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	78-59-1	
1-Methylnaphthalene	**1240**	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	90-12-0	
2-Methylnaphthalene	**855**	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11		
Naphthalene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	91-20-3	
2-Nitroaniline	ND	ug/kg	1940	1	08/03/11 11:26	08/06/11 21:11	88-74-4	
3-Nitroaniline	ND	ug/kg	1940	1	08/03/11 11:26	08/06/11 21:11	99-09-2	
4-Nitroaniline	ND	ug/kg	775	1	08/03/11 11:26	08/06/11 21:11	100-01-6	
Nitrobenzene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	98-95-3	
2-Nitrophenol	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	88-75-5	
4-Nitrophenol	ND	ug/kg	1940	1	08/03/11 11:26	08/06/11 21:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	86-30-6	
Pentachlorophenol	ND	ug/kg	1940	1	08/03/11 11:26	08/06/11 21:11	87-86-5	
Phenanthrene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	85-01-8	
Phenol	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	108-95-2	
Pyrene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	388	1	08/03/11 11:26	08/06/11 21:11	88-06-2	
Nitrobenzene-d5 (S)	39	%	23-110	1	08/03/11 11:26	08/06/11 21:11	4165-60-0	
2-Fluorobiphenyl (S)	34	%	30-110	1	08/03/11 11:26	08/06/11 21:11	321-60-8	
Terphenyl-d14 (S)	40	%	28-110	1	08/03/11 11:26	08/06/11 21:11	1718-51-0	
Phenol-d6 (S)	31	%	22-110	1	08/03/11 11:26	08/06/11 21:11	13127-88-3	
2-Fluorophenol (S)	29	%	13-110	1	08/03/11 11:26	08/06/11 21:11	367-12-4	
2,4,6-Tribromophenol (S)	33	%	27-110	1	08/03/11 11:26	08/06/11 21:11	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FLOOR-1 (12 FT) **Lab ID: 9299537014** Collected: 08/02/11 09:40 Received: 08/02/11 16:55 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	2980	25		08/09/11 18:43	67-64-1	
Benzene	ND	ug/kg	149	25		08/09/11 18:43	71-43-2	
Bromobenzene	ND	ug/kg	149	25		08/09/11 18:43	108-86-1	
Bromochloromethane	ND	ug/kg	149	25		08/09/11 18:43	74-97-5	
Bromodichloromethane	ND	ug/kg	149	25		08/09/11 18:43	75-27-4	
Bromoform	ND	ug/kg	149	25		08/09/11 18:43	75-25-2	
Bromomethane	ND	ug/kg	298	25		08/09/11 18:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2980	25		08/09/11 18:43	78-93-3	
n-Butylbenzene	ND	ug/kg	149	25		08/09/11 18:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	149	25		08/09/11 18:43	135-98-8	
tert-Butylbenzene	**164**	ug/kg	149	25		08/09/11 18:43	98-06-6	
Carbon tetrachloride	ND	ug/kg	149	25		08/09/11 18:43	56-23-5	
Chlorobenzene	ND	ug/kg	149	25		08/09/11 18:43	108-90-7	
Chloroethane	ND	ug/kg	298	25		08/09/11 18:43	75-00-3	
Chloroform	ND	ug/kg	149	25		08/09/11 18:43	67-66-3	
Chloromethane	ND	ug/kg	298	25		08/09/11 18:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	149	25		08/09/11 18:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	149	25		08/09/11 18:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	149	25		08/09/11 18:43	96-12-8	
Dibromochloromethane	ND	ug/kg	149	25		08/09/11 18:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	149	25		08/09/11 18:43	106-93-4	
Dibromomethane	ND	ug/kg	149	25		08/09/11 18:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	149	25		08/09/11 18:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	149	25		08/09/11 18:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	149	25		08/09/11 18:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	298	25		08/09/11 18:43	75-71-8	D3
1,1-Dichloroethane	ND	ug/kg	149	25		08/09/11 18:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	149	25		08/09/11 18:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	149	25		08/09/11 18:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	149	25		08/09/11 18:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	149	25		08/09/11 18:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	149	25		08/09/11 18:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	149	25		08/09/11 18:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	149	25		08/09/11 18:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	149	25		08/09/11 18:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	149	25		08/09/11 18:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	149	25		08/09/11 18:43	10061-02-6	
Diisopropyl ether	ND	ug/kg	149	25		08/09/11 18:43	108-20-3	
Ethylbenzene	ND	ug/kg	149	25		08/09/11 18:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	149	25		08/09/11 18:43	87-68-3	
2-Hexanone	ND	ug/kg	1490	25		08/09/11 18:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	149	25		08/09/11 18:43	98-82-8	
p-Isopropyltoluene	**2430**	ug/kg	149	25		08/09/11 18:43	99-87-6	
Methylene Chloride	ND	ug/kg	597	25		08/09/11 18:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1490	25		08/09/11 18:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	149	25		08/09/11 18:43	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: FLOOR-1 (12 FT) **Lab ID: 9299537014** Collected: 08/02/11 09:40 Received: 08/02/11 16:55 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	**322**	ug/kg	149	25		08/09/11 18:43	91-20-3	
n-Propylbenzene	ND	ug/kg	149	25		08/09/11 18:43	103-65-1	
Styrene	ND	ug/kg	149	25		08/09/11 18:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	149	25		08/09/11 18:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	149	25		08/09/11 18:43	79-34-5	
Tetrachloroethene	ND	ug/kg	149	25		08/09/11 18:43	127-18-4	
Toluene	ND	ug/kg	149	25		08/09/11 18:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	149	25		08/09/11 18:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	149	25		08/09/11 18:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	149	25		08/09/11 18:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	149	25		08/09/11 18:43	79-00-5	
Trichloroethene	ND	ug/kg	149	25		08/09/11 18:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	149	25		08/09/11 18:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	149	25		08/09/11 18:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	149	25		08/09/11 18:43	95-63-6	
1,3,5-Trimethylbenzene	**4190**	ug/kg	149	25		08/09/11 18:43	108-67-8	
Vinyl acetate	ND	ug/kg	1490	25		08/09/11 18:43	108-05-4	
Vinyl chloride	ND	ug/kg	298	25		08/09/11 18:43	75-01-4	
Xylene (Total)	ND	ug/kg	298	25		08/09/11 18:43	1330-20-7	
m&p-Xylene	ND	ug/kg	298	25		08/09/11 18:43	179601-23-1	
o-Xylene	ND	ug/kg	149	25		08/09/11 18:43	95-47-6	
Dibromofluoromethane (S)	99	%	70-130	25		08/09/11 18:43	1868-53-7	
Toluene-d8 (S)	103	%	70-130	25		08/09/11 18:43	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130	25		08/09/11 18:43	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-132	25		08/09/11 18:43	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.9**	%	0.10	1		08/03/11 13:42		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-1 (6 FT) **Lab ID: 9299537015** Collected: 08/02/11 09:50 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.2	1	08/04/11 13:45	08/09/11 17:42		N2
Aliphatic (C19-C36)	ND	mg/kg	12.2	1	08/04/11 13:45	08/09/11 17:42		N2
Aromatic (C11-C22)	ND	mg/kg	12.2	1	08/04/11 13:45	08/09/11 17:42		N2
Nonatriacontane (S)	80	%	40-140	1	08/04/11 13:45	08/09/11 17:42	7194-86-7	
o-Terphenyl (S)	81	%	40-140	1	08/04/11 13:45	08/09/11 17:42	84-15-1	
2-Fluorobiphenyl (S)	98	%	40-140	1	08/04/11 13:45	08/09/11 17:42	321-60-8	
2-Bromonaphthalene (S)	98	%	40-140	1	08/04/11 13:45	08/09/11 17:42	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.7	1	08/04/11 11:19	08/04/11 15:52		N2
Aliphatic (C09-C12)	ND	mg/kg	3.7	1	08/04/11 11:19	08/04/11 15:52		N2
Aromatic (C09-C10)	ND	mg/kg	3.7	1	08/04/11 11:19	08/04/11 15:52		N2
2,5-Dibromotoluene (PID)(S)	163	%	70-130	1	08/04/11 11:19	08/04/11 15:52		S3
2,5-Dibromotoluene (FID)(S)	167	%	70-130	1	08/04/11 11:19	08/04/11 15:52		S3
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	83-32-9	
Acenaphthylene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	208-96-8	
Aniline	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	62-53-3	
Anthracene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	56-55-3	
Benzo(a)pyrene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	207-08-9	
Benzoic Acid	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 21:38	65-85-0	
Benzyl alcohol	ND	ug/kg	807	1	08/03/11 11:26	08/06/11 21:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	807	1	08/03/11 11:26	08/06/11 21:38	59-50-7	
4-Chloroaniline	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 21:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	108-60-1	
2-Chloronaphthalene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	91-58-7	
2-Chlorophenol	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	7005-72-3	
Chrysene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	53-70-3	
Dibenzofuran	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 21:38	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-1 (6 FT) **Lab ID: 9299537015** Collected: 08/02/11 09:50 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	105-67-9	
Dimethylphthalate	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	807	1	08/03/11 11:26	08/06/11 21:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 21:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	117-81-7	
Fluoranthene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	206-44-0	
Fluorene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	87-68-3	
Hexachlorobenzene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	77-47-4	
Hexachloroethane	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	193-39-5	
Isophorone	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38		
Naphthalene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	91-20-3	
2-Nitroaniline	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 21:38	88-74-4	
3-Nitroaniline	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 21:38	99-09-2	
4-Nitroaniline	ND	ug/kg	807	1	08/03/11 11:26	08/06/11 21:38	100-01-6	
Nitrobenzene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	98-95-3	
2-Nitrophenol	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	88-75-5	
4-Nitrophenol	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 21:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	86-30-6	
Pentachlorophenol	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 21:38	87-86-5	
Phenanthrene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	85-01-8	
Phenol	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	108-95-2	
Pyrene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	403	1	08/03/11 11:26	08/06/11 21:38	88-06-2	
Nitrobenzene-d5 (S)	54	%	23-110	1	08/03/11 11:26	08/06/11 21:38	4165-60-0	
2-Fluorobiphenyl (S)	53	%	30-110	1	08/03/11 11:26	08/06/11 21:38	321-60-8	
Terphenyl-d14 (S)	54	%	28-110	1	08/03/11 11:26	08/06/11 21:38	1718-51-0	
Phenol-d6 (S)	59	%	22-110	1	08/03/11 11:26	08/06/11 21:38	13127-88-3	
2-Fluorophenol (S)	54	%	13-110	1	08/03/11 11:26	08/06/11 21:38	367-12-4	
2,4,6-Tribromophenol (S)	50	%	27-110	1	08/03/11 11:26	08/06/11 21:38	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-1 (6 FT) **Lab ID: 9299537015** Collected: 08/02/11 09:50 Received: 08/02/11 16:55 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	86.3	1		08/09/11 17:43	67-64-1	
Benzene	ND	ug/kg	4.3	1		08/09/11 17:43	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		08/09/11 17:43	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		08/09/11 17:43	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		08/09/11 17:43	75-27-4	
Bromoform	ND	ug/kg	4.3	1		08/09/11 17:43	75-25-2	
Bromomethane	ND	ug/kg	8.6	1		08/09/11 17:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	86.3	1		08/09/11 17:43	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		08/09/11 17:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		08/09/11 17:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		08/09/11 17:43	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.3	1		08/09/11 17:43	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		08/09/11 17:43	108-90-7	
Chloroethane	ND	ug/kg	8.6	1		08/09/11 17:43	75-00-3	
Chloroform	ND	ug/kg	4.3	1		08/09/11 17:43	67-66-3	
Chloromethane	ND	ug/kg	8.6	1		08/09/11 17:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		08/09/11 17:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		08/09/11 17:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		08/09/11 17:43	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		08/09/11 17:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		08/09/11 17:43	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		08/09/11 17:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		08/09/11 17:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		08/09/11 17:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		08/09/11 17:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.6	1		08/09/11 17:43	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		08/09/11 17:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		08/09/11 17:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		08/09/11 17:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		08/09/11 17:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		08/09/11 17:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		08/09/11 17:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		08/09/11 17:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		08/09/11 17:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		08/09/11 17:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		08/09/11 17:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		08/09/11 17:43	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.3	1		08/09/11 17:43	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		08/09/11 17:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		08/09/11 17:43	87-68-3	
2-Hexanone	ND	ug/kg	43.2	1		08/09/11 17:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		08/09/11 17:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		08/09/11 17:43	99-87-6	
Methylene Chloride	ND	ug/kg	17.3	1		08/09/11 17:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.2	1		08/09/11 17:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		08/09/11 17:43	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-1 (6 FT) **Lab ID: 9299537015** Collected: 08/02/11 09:50 Received: 08/02/11 16:55 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		08/09/11 17:43	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		08/09/11 17:43	103-65-1	
Styrene	ND	ug/kg	4.3	1		08/09/11 17:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		08/09/11 17:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		08/09/11 17:43	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		08/09/11 17:43	127-18-4	
Toluene	ND	ug/kg	4.3	1		08/09/11 17:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		08/09/11 17:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		08/09/11 17:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		08/09/11 17:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		08/09/11 17:43	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		08/09/11 17:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		08/09/11 17:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		08/09/11 17:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		08/09/11 17:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		08/09/11 17:43	108-67-8	
Vinyl acetate	ND	ug/kg	43.2	1		08/09/11 17:43	108-05-4	
Vinyl chloride	ND	ug/kg	8.6	1		08/09/11 17:43	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	1		08/09/11 17:43	1330-20-7	
m&p-Xylene	ND	ug/kg	8.6	1		08/09/11 17:43	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		08/09/11 17:43	95-47-6	
Dibromofluoromethane (S)	92	%	70-130	1		08/09/11 17:43	1868-53-7	
Toluene-d8 (S)	99	%	70-130	1		08/09/11 17:43	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130	1		08/09/11 17:43	460-00-4	
1,2-Dichloroethane-d4 (S)	81	%	70-132	1		08/09/11 17:43	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**18.2**	%	0.10	1		08/03/11 13:42		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-2 (6 FT) **Lab ID: 9299537016** Collected: 08/02/11 09:55 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.2	1	08/04/11 13:45	08/09/11 18:18		N2
Aliphatic (C19-C36)	ND	mg/kg	12.2	1	08/04/11 13:45	08/09/11 18:18		N2
Aromatic (C11-C22)	ND	mg/kg	12.2	1	08/04/11 13:45	08/09/11 18:18		N2
Nonatriacontane (S)	80	%	40-140	1	08/04/11 13:45	08/09/11 18:18	7194-86-7	
o-Terphenyl (S)	80	%	40-140	1	08/04/11 13:45	08/09/11 18:18	84-15-1	
2-Fluorobiphenyl (S)	99	%	40-140	1	08/04/11 13:45	08/09/11 18:18	321-60-8	
2-Bromonaphthalene (S)	97	%	40-140	1	08/04/11 13:45	08/09/11 18:18	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.3	1	08/04/11 11:19	08/04/11 16:17		N2
Aliphatic (C09-C12)	ND	mg/kg	3.3	1	08/04/11 11:19	08/04/11 16:17		N2
Aromatic (C09-C10)	ND	mg/kg	3.3	1	08/04/11 11:19	08/04/11 16:17		N2
2,5-Dibromotoluene (PID)(S)	179	%	70-130	1	08/04/11 11:19	08/04/11 16:17		S3
2,5-Dibromotoluene (FID)(S)	183	%	70-130	1	08/04/11 11:19	08/04/11 16:17		S3
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	83-32-9	
Acenaphthylene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	208-96-8	
Aniline	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	62-53-3	
Anthracene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	120-12-7	
Benzo(a)anthracene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	56-55-3	
Benzo(a)pyrene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	207-08-9	
Benzoic Acid	ND	ug/kg	2040	1	08/03/11 11:26	08/06/11 22:05	65-85-0	
Benzyl alcohol	ND	ug/kg	816	1	08/03/11 11:26	08/06/11 22:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	101-55-3	
Butylbenzylphthalate	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	816	1	08/03/11 11:26	08/06/11 22:05	59-50-7	
4-Chloroaniline	ND	ug/kg	2040	1	08/03/11 11:26	08/06/11 22:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	108-60-1	
2-Chloronaphthalene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	91-58-7	
2-Chlorophenol	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	7005-72-3	
Chrysene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	53-70-3	
Dibenzofuran	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2040	1	08/03/11 11:26	08/06/11 22:05	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-2 (6 FT) **Lab ID: 9299537016** Collected: 08/02/11 09:55 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	105-67-9	
Dimethylphthalate	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	131-11-3	
Di-n-butylphthalate	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	816	1	08/03/11 11:26	08/06/11 22:05	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2040	1	08/03/11 11:26	08/06/11 22:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	606-20-2	
Di-n-octylphthalate	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	117-81-7	
Fluoranthene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	206-44-0	
Fluorene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	87-68-3	
Hexachlorobenzene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	77-47-4	
Hexachloroethane	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	193-39-5	
Isophorone	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	78-59-1	
1-Methylnaphthalene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	90-12-0	
2-Methylnaphthalene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05		
Naphthalene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	91-20-3	
2-Nitroaniline	ND	ug/kg	2040	1	08/03/11 11:26	08/06/11 22:05	88-74-4	
3-Nitroaniline	ND	ug/kg	2040	1	08/03/11 11:26	08/06/11 22:05	99-09-2	
4-Nitroaniline	ND	ug/kg	816	1	08/03/11 11:26	08/06/11 22:05	100-01-6	
Nitrobenzene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	98-95-3	
2-Nitrophenol	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	88-75-5	
4-Nitrophenol	ND	ug/kg	2040	1	08/03/11 11:26	08/06/11 22:05	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	86-30-6	
Pentachlorophenol	ND	ug/kg	2040	1	08/03/11 11:26	08/06/11 22:05	87-86-5	
Phenanthrene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	85-01-8	
Phenol	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	108-95-2	
Pyrene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	408	1	08/03/11 11:26	08/06/11 22:05	88-06-2	
Nitrobenzene-d5 (S)	45	%	23-110	1	08/03/11 11:26	08/06/11 22:05	4165-60-0	
2-Fluorobiphenyl (S)	40	%	30-110	1	08/03/11 11:26	08/06/11 22:05	321-60-8	
Terphenyl-d14 (S)	47	%	28-110	1	08/03/11 11:26	08/06/11 22:05	1718-51-0	
Phenol-d6 (S)	50	%	22-110	1	08/03/11 11:26	08/06/11 22:05	13127-88-3	
2-Fluorophenol (S)	47	%	13-110	1	08/03/11 11:26	08/06/11 22:05	367-12-4	
2,4,6-Tribromophenol (S)	41	%	27-110	1	08/03/11 11:26	08/06/11 22:05	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-2 (6 FT) **Lab ID: 9299537016** Collected: 08/02/11 09:55 Received: 08/02/11 16:55 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	102	1		08/09/11 18:03	67-64-1	
Benzene	ND	ug/kg	5.1	1		08/09/11 18:03	71-43-2	
Bromobenzene	ND	ug/kg	5.1	1		08/09/11 18:03	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	1		08/09/11 18:03	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	1		08/09/11 18:03	75-27-4	
Bromoform	ND	ug/kg	5.1	1		08/09/11 18:03	75-25-2	
Bromomethane	ND	ug/kg	10.2	1		08/09/11 18:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	102	1		08/09/11 18:03	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1		08/09/11 18:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1		08/09/11 18:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.1	1		08/09/11 18:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.1	1		08/09/11 18:03	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		08/09/11 18:03	108-90-7	
Chloroethane	ND	ug/kg	10.2	1		08/09/11 18:03	75-00-3	
Chloroform	ND	ug/kg	5.1	1		08/09/11 18:03	67-66-3	
Chloromethane	ND	ug/kg	10.2	1		08/09/11 18:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.1	1		08/09/11 18:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.1	1		08/09/11 18:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1		08/09/11 18:03	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1		08/09/11 18:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1		08/09/11 18:03	106-93-4	
Dibromomethane	ND	ug/kg	5.1	1		08/09/11 18:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		08/09/11 18:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		08/09/11 18:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		08/09/11 18:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.2	1		08/09/11 18:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1		08/09/11 18:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		08/09/11 18:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1		08/09/11 18:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		08/09/11 18:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		08/09/11 18:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1		08/09/11 18:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.1	1		08/09/11 18:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.1	1		08/09/11 18:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.1	1		08/09/11 18:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		08/09/11 18:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		08/09/11 18:03	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.1	1		08/09/11 18:03	108-20-3	
Ethylbenzene	ND	ug/kg	5.1	1		08/09/11 18:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1		08/09/11 18:03	87-68-3	
2-Hexanone	ND	ug/kg	50.9	1		08/09/11 18:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		08/09/11 18:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1		08/09/11 18:03	99-87-6	
Methylene Chloride	ND	ug/kg	20.4	1		08/09/11 18:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.9	1		08/09/11 18:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		08/09/11 18:03	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-2 (6 FT) **Lab ID: 9299537016** Collected: 08/02/11 09:55 Received: 08/02/11 16:55 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	5.1	1		08/09/11 18:03	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1		08/09/11 18:03	103-65-1	
Styrene	ND	ug/kg	5.1	1		08/09/11 18:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1		08/09/11 18:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		08/09/11 18:03	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		08/09/11 18:03	127-18-4	
Toluene	ND	ug/kg	5.1	1		08/09/11 18:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1		08/09/11 18:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1		08/09/11 18:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		08/09/11 18:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		08/09/11 18:03	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1		08/09/11 18:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1		08/09/11 18:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.1	1		08/09/11 18:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1		08/09/11 18:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1		08/09/11 18:03	108-67-8	
Vinyl acetate	ND	ug/kg	50.9	1		08/09/11 18:03	108-05-4	
Vinyl chloride	ND	ug/kg	10.2	1		08/09/11 18:03	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	1		08/09/11 18:03	1330-20-7	
m&p-Xylene	ND	ug/kg	10.2	1		08/09/11 18:03	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1		08/09/11 18:03	95-47-6	
Dibromofluoromethane (S)	96	%	70-130	1		08/09/11 18:03	1868-53-7	
Toluene-d8 (S)	100	%	70-130	1		08/09/11 18:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		08/09/11 18:03	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-132	1		08/09/11 18:03	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**19.1**	%	0.10	1		08/03/11 13:43		

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-3 (6 FT) **Lab ID: 9299537017** Collected: 08/02/11 10:00 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.2	1	08/09/11 15:19	08/10/11 17:47		N2
Aliphatic (C19-C36)	ND	mg/kg	12.2	1	08/09/11 15:19	08/10/11 17:47		N2
Aromatic (C11-C22)	ND	mg/kg	12.2	1	08/09/11 15:19	08/10/11 17:47		N2
Nonatriacontane (S)	64	%	40-140	1	08/09/11 15:19	08/10/11 17:47	7194-86-7	
o-Terphenyl (S)	66	%	40-140	1	08/09/11 15:19	08/10/11 17:47	84-15-1	
2-Fluorobiphenyl (S)	99	%	40-140	1	08/09/11 15:19	08/10/11 17:47	321-60-8	
2-Bromonaphthalene (S)	100	%	40-140	1	08/09/11 15:19	08/10/11 17:47	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.4	1	08/04/11 11:19	08/04/11 16:42		N2
Aliphatic (C09-C12)	ND	mg/kg	3.4	1	08/04/11 11:19	08/04/11 16:42		N2
Aromatic (C09-C10)	ND	mg/kg	3.4	1	08/04/11 11:19	08/04/11 16:42		N2
2,5-Dibromotoluene (PID)(S)	128	%	70-130	1	08/04/11 11:19	08/04/11 16:42		
2,5-Dibromotoluene (FID)(S)	131	%	70-130	1	08/04/11 11:19	08/04/11 16:42		1g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	83-32-9	
Acenaphthylene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	208-96-8	
Aniline	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	62-53-3	
Anthracene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	207-08-9	
Benzoic Acid	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 22:32	65-85-0	
Benzyl alcohol	ND	ug/kg	807	1	08/03/11 11:26	08/06/11 22:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	807	1	08/03/11 11:26	08/06/11 22:32	59-50-7	
4-Chloroaniline	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 22:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	108-60-1	
2-Chloronaphthalene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	91-58-7	
2-Chlorophenol	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	7005-72-3	
Chrysene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	53-70-3	
Dibenzofuran	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 22:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	120-83-2	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-3 (6 FT) **Lab ID: 9299537017** Collected: 08/02/11 10:00 Received: 08/02/11 16:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Diethylphthalate	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	105-67-9	
Dimethylphthalate	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	807	1	08/03/11 11:26	08/06/11 22:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 22:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	117-81-7	
Fluoranthene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	206-44-0	
Fluorene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	77-47-4	
Hexachloroethane	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	193-39-5	
Isophorone	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	78-59-1	
1-Methylnaphthalene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	90-12-0	
2-Methylnaphthalene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32		
Naphthalene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	91-20-3	
2-Nitroaniline	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 22:32	88-74-4	
3-Nitroaniline	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 22:32	99-09-2	
4-Nitroaniline	ND	ug/kg	807	1	08/03/11 11:26	08/06/11 22:32	100-01-6	
Nitrobenzene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	98-95-3	
2-Nitrophenol	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	88-75-5	
4-Nitrophenol	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 22:32	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	86-30-6	
Pentachlorophenol	ND	ug/kg	2020	1	08/03/11 11:26	08/06/11 22:32	87-86-5	
Phenanthrene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	85-01-8	
Phenol	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	108-95-2	
Pyrene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	404	1	08/03/11 11:26	08/06/11 22:32	88-06-2	
Nitrobenzene-d5 (S)	54	%	23-110	1	08/03/11 11:26	08/06/11 22:32	4165-60-0	
2-Fluorobiphenyl (S)	50	%	30-110	1	08/03/11 11:26	08/06/11 22:32	321-60-8	
Terphenyl-d14 (S)	61	%	28-110	1	08/03/11 11:26	08/06/11 22:32	1718-51-0	
Phenol-d6 (S)	59	%	22-110	1	08/03/11 11:26	08/06/11 22:32	13127-88-3	
2-Fluorophenol (S)	55	%	13-110	1	08/03/11 11:26	08/06/11 22:32	367-12-4	
2,4,6-Tribromophenol (S)	52	%	27-110	1	08/03/11 11:26	08/06/11 22:32	118-79-6	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-3 (6 FT) **Lab ID: 9299537017** Collected: 08/02/11 10:00 Received: 08/02/11 16:55 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		08/09/11 18:23	67-64-1	
Benzene	ND	ug/kg	4.3	1		08/09/11 18:23	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		08/09/11 18:23	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		08/09/11 18:23	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		08/09/11 18:23	75-27-4	
Bromoform	ND	ug/kg	4.3	1		08/09/11 18:23	75-25-2	
Bromomethane	ND	ug/kg	8.7	1		08/09/11 18:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	87.0	1		08/09/11 18:23	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		08/09/11 18:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		08/09/11 18:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		08/09/11 18:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.3	1		08/09/11 18:23	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		08/09/11 18:23	108-90-7	
Chloroethane	ND	ug/kg	8.7	1		08/09/11 18:23	75-00-3	
Chloroform	ND	ug/kg	4.3	1		08/09/11 18:23	67-66-3	
Chloromethane	ND	ug/kg	8.7	1		08/09/11 18:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		08/09/11 18:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		08/09/11 18:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		08/09/11 18:23	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		08/09/11 18:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		08/09/11 18:23	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		08/09/11 18:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		08/09/11 18:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		08/09/11 18:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		08/09/11 18:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.7	1		08/09/11 18:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		08/09/11 18:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		08/09/11 18:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		08/09/11 18:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		08/09/11 18:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		08/09/11 18:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		08/09/11 18:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		08/09/11 18:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		08/09/11 18:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		08/09/11 18:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		08/09/11 18:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		08/09/11 18:23	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.3	1		08/09/11 18:23	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		08/09/11 18:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		08/09/11 18:23	87-68-3	
2-Hexanone	ND	ug/kg	43.5	1		08/09/11 18:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		08/09/11 18:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		08/09/11 18:23	99-87-6	
Methylene Chloride	ND	ug/kg	17.4	1		08/09/11 18:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.5	1		08/09/11 18:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		08/09/11 18:23	1634-04-4	

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ANALYTICAL RESULTS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Sample: SW-3 (6 FT) **Lab ID: 9299537017** Collected: 08/02/11 10:00 Received: 08/02/11 16:55 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		08/09/11 18:23	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		08/09/11 18:23	103-65-1	
Styrene	ND	ug/kg	4.3	1		08/09/11 18:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		08/09/11 18:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		08/09/11 18:23	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		08/09/11 18:23	127-18-4	
Toluene	ND	ug/kg	4.3	1		08/09/11 18:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		08/09/11 18:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		08/09/11 18:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		08/09/11 18:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		08/09/11 18:23	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		08/09/11 18:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		08/09/11 18:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		08/09/11 18:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		08/09/11 18:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		08/09/11 18:23	108-67-8	
Vinyl acetate	ND	ug/kg	43.5	1		08/09/11 18:23	108-05-4	
Vinyl chloride	ND	ug/kg	8.7	1		08/09/11 18:23	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		08/09/11 18:23	1330-20-7	
m&p-Xylene	ND	ug/kg	8.7	1		08/09/11 18:23	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		08/09/11 18:23	95-47-6	
Dibromofluoromethane (S)	94	%	70-130	1		08/09/11 18:23	1868-53-7	
Toluene-d8 (S)	99	%	70-130	1		08/09/11 18:23	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		08/09/11 18:23	460-00-4	
1,2-Dichloroethane-d4 (S)	84	%	70-132	1		08/09/11 18:23	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**18.2**	%	0.10	1		08/03/11 13:43		

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: OEXT/14424 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Soil
Associated Lab Samples: 9299537001, 9299537002, 9299537003, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013, 9299537014, 9299537015

METHOD BLANK: 643034 Matrix: Solid
Associated Lab Samples: 9299537001, 9299537002, 9299537003, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013, 9299537014, 9299537015, 9299537016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C18)	mg/kg	ND	10.0	08/08/11 16:50	N2
Aliphatic (C19-C36)	mg/kg	ND	10.0	08/08/11 16:50	N2
Aromatic (C11-C22)	mg/kg	ND	10.0	08/08/11 16:50	N2
2-Bromonaphthalene (S)	%	99	40-140	08/08/11 16:50	
2-Fluorobiphenyl (S)	%	102	40-140	08/08/11 16:50	
Nonatriacontane (S)	%	88	40-140	08/08/11 16:50	
o-Terphenyl (S)	%	76	40-140	08/08/11 16:50	

LABORATORY CONTROL SAMPLE & LCSD: 643035 643036

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	mg/kg	10	ND	ND	63	69	40-140		50	N2
Aliphatic (C19-C36)	mg/kg	13.3	ND	10.3	70	77	40-140		50	N2
Aromatic (C11-C22)	mg/kg	28.3	22.9	23.6	81	83	40-140	3	50	N2
2-Bromonaphthalene (S)	%				99	92	40-140			
2-Fluorobiphenyl (S)	%				93	91	40-140			
Nonatriacontane (S)	%				78	90	40-140			
o-Terphenyl (S)	%				74	73	40-140			

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: OEXT/14469
QC Batch Method: MADEP EPH
Analysis Method: MADEP EPH
Analysis Description: MADEP EPH NC Soil
Associated Lab Samples: 9299537017

METHOD BLANK: 645153 Matrix: Solid
Associated Lab Samples: 9299537017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C18)	mg/kg	ND	10.0	08/10/11 15:59	N2
Aliphatic (C19-C36)	mg/kg	ND	10.0	08/10/11 15:59	N2
Aromatic (C11-C22)	mg/kg	ND	10.0	08/10/11 15:59	N2
2-Bromonaphthalene (S)	%	96	40-140	08/10/11 15:59	
2-Fluorobiphenyl (S)	%	97	40-140	08/10/11 15:59	
Nonatriacontane (S)	%	89	40-140	08/10/11 15:59	
o-Terphenyl (S)	%	78	40-140	08/10/11 15:59	

LABORATORY CONTROL SAMPLE & LCSD: 645154 645155

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	mg/kg	10	ND	ND	70	71	40-140		50	N2
Aliphatic (C19-C36)	mg/kg	13.3	10.6	10.6	80	80	40-140	0	50	N2
Aromatic (C11-C22)	mg/kg	28.3	29.4	27.7	104	98	40-140	6	50	N2
2-Bromonaphthalene (S)	%				112	111	40-140			
2-Fluorobiphenyl (S)	%				107	101	40-140			
Nonatriacontane (S)	%				99	100	40-140			
o-Terphenyl (S)	%				95	90	40-140			

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: GCV/5254 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Soil
Associated Lab Samples: 9299537001, 9299537002, 9299537003, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009

METHOD BLANK: 642112 Matrix: Solid
Associated Lab Samples: 9299537001, 9299537002, 9299537003, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	08/03/11 11:40	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	08/03/11 11:40	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	08/03/11 11:40	N2
2,5-Dibromotoluene (FID)(S)	%	95	70-130	08/03/11 11:40	
2,5-Dibromotoluene (PID)(S)	%	90	70-130	08/03/11 11:40	

LABORATORY CONTROL SAMPLE & LCSD: 642113 642114

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	13.5	13.2	90	88	70-130	2	25	N2
Aliphatic (C09-C12)	mg/kg	15	13.2	13.1	88	87	30-130	1	25	N2
Aromatic (C09-C10)	mg/kg	5	5.0	4.8	99	97	70-130	3	25	N2
2,5-Dibromotoluene (FID)(S)	%				83	86	70-130			
2,5-Dibromotoluene (PID)(S)	%				82	83	70-130			

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: GCV/5260 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Soil
Associated Lab Samples: 9299537010, 9299537011, 9299537012, 9299537013, 9299537014, 9299537015, 9299537016, 9299537017

METHOD BLANK: 642873 Matrix: Solid
Associated Lab Samples: 9299537010, 9299537011, 9299537012, 9299537013, 9299537014, 9299537015, 9299537016, 9299537017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	08/04/11 13:22	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	08/04/11 13:22	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	08/04/11 13:22	N2
2,5-Dibromotoluene (FID)(S)	%	96	70-130	08/04/11 13:22	
2,5-Dibromotoluene (PID)(S)	%	96	70-130	08/04/11 13:22	

LABORATORY CONTROL SAMPLE & LCSD: 642874 642875

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	13.8	14.5	92	97	70-130	5	25	N2
Aliphatic (C09-C12)	mg/kg	15	13.4	13.7	89	91	30-130	2	25	N2
Aromatic (C09-C10)	mg/kg	5	4.9	5.1	97	101	70-130	4	25	N2
2,5-Dibromotoluene (FID)(S)	%				87	91	70-130			
2,5-Dibromotoluene (PID)(S)	%				85	90	70-130			

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: OEXT/14405 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9299537001, 9299537002, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013, 9299537014, 9299537015, 9299537016, 9299537017

METHOD BLANK: 642226 Matrix: Solid
Associated Lab Samples: 9299537001, 9299537002, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013, 9299537014, 9299537015, 9299537016, 9299537017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	08/05/11 10:23	
1,2-Dichlorobenzene	ug/kg	ND	330	08/05/11 10:23	
1,3-Dichlorobenzene	ug/kg	ND	330	08/05/11 10:23	
1,4-Dichlorobenzene	ug/kg	ND	330	08/05/11 10:23	
1-Methylnaphthalene	ug/kg	ND	330	08/05/11 10:23	
2,4,5-Trichlorophenol	ug/kg	ND	330	08/05/11 10:23	
2,4,6-Trichlorophenol	ug/kg	ND	330	08/05/11 10:23	
2,4-Dichlorophenol	ug/kg	ND	330	08/05/11 10:23	
2,4-Dimethylphenol	ug/kg	ND	330	08/05/11 10:23	
2,4-Dinitrophenol	ug/kg	ND	1650	08/05/11 10:23	
2,4-Dinitrotoluene	ug/kg	ND	330	08/05/11 10:23	
2,6-Dinitrotoluene	ug/kg	ND	330	08/05/11 10:23	
2-Chloronaphthalene	ug/kg	ND	330	08/05/11 10:23	
2-Chlorophenol	ug/kg	ND	330	08/05/11 10:23	
2-Methylnaphthalene	ug/kg	ND	330	08/05/11 10:23	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	08/05/11 10:23	
2-Nitroaniline	ug/kg	ND	1650	08/05/11 10:23	
2-Nitrophenol	ug/kg	ND	330	08/05/11 10:23	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	08/05/11 10:23	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	08/05/11 10:23	
3-Nitroaniline	ug/kg	ND	1650	08/05/11 10:23	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	08/05/11 10:23	
4-Bromophenylphenyl ether	ug/kg	ND	330	08/05/11 10:23	
4-Chloro-3-methylphenol	ug/kg	ND	660	08/05/11 10:23	
4-Chloroaniline	ug/kg	ND	1650	08/05/11 10:23	
4-Chlorophenylphenyl ether	ug/kg	ND	330	08/05/11 10:23	
4-Nitroaniline	ug/kg	ND	660	08/05/11 10:23	
4-Nitrophenol	ug/kg	ND	1650	08/05/11 10:23	
Acenaphthene	ug/kg	ND	330	08/05/11 10:23	
Acenaphthylene	ug/kg	ND	330	08/05/11 10:23	
Aniline	ug/kg	ND	330	08/05/11 10:23	
Anthracene	ug/kg	ND	330	08/05/11 10:23	
Benzo(a)anthracene	ug/kg	ND	330	08/05/11 10:23	
Benzo(a)pyrene	ug/kg	ND	330	08/05/11 10:23	
Benzo(b)fluoranthene	ug/kg	ND	330	08/05/11 10:23	
Benzo(g,h,i)perylene	ug/kg	ND	330	08/05/11 10:23	
Benzo(k)fluoranthene	ug/kg	ND	330	08/05/11 10:23	
Benzoic Acid	ug/kg	ND	1650	08/05/11 10:23	
Benzyl alcohol	ug/kg	ND	660	08/05/11 10:23	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	08/05/11 10:23	
bis(2-Chloroethyl) ether	ug/kg	ND	330	08/05/11 10:23	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

METHOD BLANK: 642226 Matrix: Solid

Associated Lab Samples: 9299537001, 9299537002, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013, 9299537014, 9299537015, 9299537016, 9299537017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	08/05/11 10:23	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	08/05/11 10:23	
Butylbenzylphthalate	ug/kg	ND	330	08/05/11 10:23	
Chrysene	ug/kg	ND	330	08/05/11 10:23	
Di-n-butylphthalate	ug/kg	ND	330	08/05/11 10:23	
Di-n-octylphthalate	ug/kg	ND	330	08/05/11 10:23	
Dibenz(a,h)anthracene	ug/kg	ND	330	08/05/11 10:23	
Dibenzofuran	ug/kg	ND	330	08/05/11 10:23	
Diethylphthalate	ug/kg	ND	330	08/05/11 10:23	
Dimethylphthalate	ug/kg	ND	330	08/05/11 10:23	
Fluoranthene	ug/kg	ND	330	08/05/11 10:23	
Fluorene	ug/kg	ND	330	08/05/11 10:23	
Hexachloro-1,3-butadiene	ug/kg	ND	330	08/05/11 10:23	
Hexachlorobenzene	ug/kg	ND	330	08/05/11 10:23	
Hexachlorocyclopentadiene	ug/kg	ND	330	08/05/11 10:23	
Hexachloroethane	ug/kg	ND	330	08/05/11 10:23	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	08/05/11 10:23	
Isophorone	ug/kg	ND	330	08/05/11 10:23	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	08/05/11 10:23	
N-Nitrosodimethylamine	ug/kg	ND	330	08/05/11 10:23	
N-Nitrosodiphenylamine	ug/kg	ND	330	08/05/11 10:23	
Naphthalene	ug/kg	ND	330	08/05/11 10:23	
Nitrobenzene	ug/kg	ND	330	08/05/11 10:23	
Pentachlorophenol	ug/kg	ND	1650	08/05/11 10:23	
Phenanthrene	ug/kg	ND	330	08/05/11 10:23	
Phenol	ug/kg	ND	330	08/05/11 10:23	
Pyrene	ug/kg	ND	330	08/05/11 10:23	
2,4,6-Tribromophenol (S)	%	51	27-110	08/05/11 10:23	
2-Fluorobiphenyl (S)	%	50	30-110	08/05/11 10:23	
2-Fluorophenol (S)	%	56	13-110	08/05/11 10:23	
Nitrobenzene-d5 (S)	%	55	23-110	08/05/11 10:23	
Phenol-d6 (S)	%	57	22-110	08/05/11 10:23	
Terphenyl-d14 (S)	%	66	28-110	08/05/11 10:23	

LABORATORY CONTROL SAMPLE: 642227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1140	68	39-101	
1,2-Dichlorobenzene	ug/kg	1670	1270	76	36-110	
1,3-Dichlorobenzene	ug/kg	1670	1270	76	35-110	
1,4-Dichlorobenzene	ug/kg	1670	1260	76	35-110	
1-Methylnaphthalene	ug/kg	1670	1270	76	45-105	
2,4,5-Trichlorophenol	ug/kg	1670	1160	70	48-109	
2,4,6-Trichlorophenol	ug/kg	1670	1320	79	45-111	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

LABORATORY CONTROL SAMPLE: 642227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dichlorophenol	ug/kg	1670	1330	80	51-116	
2,4-Dimethylphenol	ug/kg	1670	1390	83	42-103	
2,4-Dinitrophenol	ug/kg	8330	4370	52	28-103	
2,4-Dinitrotoluene	ug/kg	1670	1420	85	46-114	
2,6-Dinitrotoluene	ug/kg	1670	1400	84	48-112	
2-Chloronaphthalene	ug/kg	1670	1290	77	44-105	
2-Chlorophenol	ug/kg	1670	1380	83	36-110	
2-Methylnaphthalene	ug/kg	1670	1260	76	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1670	1330	80	39-101	
2-Nitroaniline	ug/kg	3330	3120	94	44-111	
2-Nitrophenol	ug/kg	1670	1300	78	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1400	84	43-103	
3,3'-Dichlorobenzidine	ug/kg	3330	2370	71	10-150	
3-Nitroaniline	ug/kg	3330	2580	78	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3330	1880	56	38-118	
4-Bromophenylphenyl ether	ug/kg	1670	1090	66	47-115	
4-Chloro-3-methylphenol	ug/kg	3330	2920	88	43-127	
4-Chloroaniline	ug/kg	3330	2460	74	34-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1220	73	44-115	
4-Nitroaniline	ug/kg	3330	2800	84	37-111	
4-Nitrophenol	ug/kg	8330	7560	91	21-152	
Acenaphthene	ug/kg	1670	1300	78	38-117	
Acenaphthylene	ug/kg	1670	1300	78	46-107	
Aniline	ug/kg	1670	1220	73	29-110	
Anthracene	ug/kg	1670	1380	83	50-110	
Benzo(a)anthracene	ug/kg	1670	1320	79	47-116	
Benzo(a)pyrene	ug/kg	1670	1270	76	47-106	
Benzo(b)fluoranthene	ug/kg	1670	1240	74	47-109	
Benzo(g,h,i)perylene	ug/kg	1670	1180	71	39-115	
Benzo(k)fluoranthene	ug/kg	1670	1270	76	45-117	
Benzoic Acid	ug/kg	8330	5960	72	16-110	
Benzyl alcohol	ug/kg	3330	2970	89	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1670	1270	76	39-110	
bis(2-Chloroethyl) ether	ug/kg	1670	1280	77	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1380	83	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1560	94	35-116	
Butylbenzylphthalate	ug/kg	1670	1520	91	38-110	
Chrysene	ug/kg	1670	1340	80	49-110	
Di-n-butylphthalate	ug/kg	1670	1480	89	43-109	
Di-n-octylphthalate	ug/kg	1670	1610	97	37-109	
Dibenz(a,h)anthracene	ug/kg	1670	1180	71	43-116	
Dibenzofuran	ug/kg	1670	1310	78	45-106	
Diethylphthalate	ug/kg	1670	1360	82	41-114	
Dimethylphthalate	ug/kg	1670	1280	77	43-110	
Fluoranthene	ug/kg	1670	1420	85	50-114	
Fluorene	ug/kg	1670	1280	77	46-114	
Hexachloro-1,3-butadiene	ug/kg	1670	1030	62	28-111	
Hexachlorobenzene	ug/kg	1670	993	60	46-120	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

LABORATORY CONTROL SAMPLE: 642227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1670	895	54	18-119	
Hexachloroethane	ug/kg	1670	1220	73	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1190	71	42-115	
Isophorone	ug/kg	1670	1430	86	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1670	1420	85	43-104	
N-Nitrosodimethylamine	ug/kg	1670	1290	77	29-110	
N-Nitrosodiphenylamine	ug/kg	1670	1320	79	48-113	
Naphthalene	ug/kg	1670	1230	74	41-110	
Nitrobenzene	ug/kg	1670	1250	75	38-110	
Pentachlorophenol	ug/kg	3330	2690	81	32-128	
Phenanthrene	ug/kg	1670	1290	77	50-110	
Phenol	ug/kg	1670	1410	85	28-106	
Pyrene	ug/kg	1670	1260	76	45-114	
2,4,6-Tribromophenol (S)	%			66	27-110	
2-Fluorobiphenyl (S)	%			72	30-110	
2-Fluorophenol (S)	%			81	13-110	
Nitrobenzene-d5 (S)	%			75	23-110	
Phenol-d6 (S)	%			88	22-110	
Terphenyl-d14 (S)	%			71	28-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 642228 642229

Parameter	Units	9299537001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1720	1720	1040	888	61	52	18-119	16	
1,2-Dichlorobenzene	ug/kg	ND	1720	1720	1030	881	60	51	50-110	16	
1,3-Dichlorobenzene	ug/kg	ND	1720	1720	1010	853	59	50	27-110	17	
1,4-Dichlorobenzene	ug/kg	ND	1720	1720	1030	889	60	52	28-110	15	
1-Methylnaphthalene	ug/kg	ND	1720	1720	1120	863	65	50	24-116	26	
2,4,5-Trichlorophenol	ug/kg	ND	1720	1720	999	798	58	47	28-110	22	
2,4,6-Trichlorophenol	ug/kg	ND	1720	1720	1140	919	67	54	17-117	21	
2,4-Dichlorophenol	ug/kg	ND	1720	1720	1130	866	66	51	21-128	27	
2,4-Dimethylphenol	ug/kg	ND	1720	1720	1020	809	60	47	10-120	23	
2,4-Dinitrophenol	ug/kg	ND	8560	8560	4690	3250	55	38	10-107	36	R1
2,4-Dinitrotoluene	ug/kg	ND	1720	1720	1480	1110	86	65	36-109	29	
2,6-Dinitrotoluene	ug/kg	ND	1720	1720	1140	926	67	54	32-110	21	
2-Chloronaphthalene	ug/kg	ND	1720	1720	1180	1000	69	58	30-107	16	
2-Chlorophenol	ug/kg	ND	1720	1720	1070	911	63	53	14-106	16	
2-Methylnaphthalene	ug/kg	ND	1720	1720	1140	874	66	51	10-135	26	
2-Methylphenol(o-Cresol)	ug/kg	ND	1720	1720	998	823	58	48	10-124	19	
2-Nitroaniline	ug/kg	ND	3420	3420	2740	2180	80	64	26-116	23	
2-Nitrophenol	ug/kg	ND	1720	1720	1060	895	62	52	28-103	17	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1720	1720	963	764	56	45	10-109	23	
3,3'-Dichlorobenzidine	ug/kg	ND	3420	3420	1960	1570J	57	46	10-150		
3-Nitroaniline	ug/kg	ND	3420	3420	2580	1960	75	57	22-110	27	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3420	3420	1950	1410	57	41	13-121	32	R1

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 642228 642229

Parameter	Units	9299537001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Bromophenylphenyl ether	ug/kg	ND	1720	1720	940	807	55	47	31-109	15	
4-Chloro-3-methylphenol	ug/kg	ND	3420	3420	2510	1750	73	51	13-128	35	R1
4-Chloroaniline	ug/kg	ND	3420	3420	2180	1660J	64	49	18-102		
4-Chlorophenylphenyl ether	ug/kg	ND	1720	1720	1140	946	67	55	29-112	19	
4-Nitroaniline	ug/kg	ND	3420	3420	3400	2420	99	71	16-111	34	R1
4-Nitrophenol	ug/kg	ND	8560	8560	9500	6690	111	78	14-135	35	R1
Acenaphthene	ug/kg	ND	1720	1720	1170	959	68	56	26-114	20	
Acenaphthylene	ug/kg	ND	1720	1720	1140	935	66	55	32-108	20	
Aniline	ug/kg	ND	1720	1720	752	603	44	35	10-107	22	
Anthracene	ug/kg	ND	1720	1720	1180	951	69	56	32-111	22	
Benzo(a)anthracene	ug/kg	ND	1720	1720	1110	897	65	52	25-117	22	
Benzo(a)pyrene	ug/kg	ND	1720	1720	1020	835	60	49	25-106	20	
Benzo(b)fluoranthene	ug/kg	ND	1720	1720	995	820	58	48	24-110	19	
Benzo(g,h,i)perylene	ug/kg	ND	1720	1720	1190	972	69	57	19-112	20	
Benzo(k)fluoranthene	ug/kg	ND	1720	1720	1090	852	64	50	24-114	25	
Benzoic Acid	ug/kg	ND	8560	8560	1990	2590	23	30	10-110	26	
Benzyl alcohol	ug/kg	ND	3420	3420	2210	1820	65	53	24-106	20	
bis(2-Chloroethoxy)methane	ug/kg	ND	1720	1720	1140	967	66	56	13-119	16	
bis(2-Chloroethyl) ether	ug/kg	ND	1720	1720	1190	1020	69	59	10-134	15	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1720	1720	1130	955	66	56	10-113	17	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1720	1720	1130	885	66	52	10-125	25	
Butylbenzylphthalate	ug/kg	ND	1720	1720	1110	902	65	53	18-110	21	
Chrysene	ug/kg	ND	1720	1720	1150	944	67	55	30-110	19	
Di-n-butylphthalate	ug/kg	ND	1720	1720	1280	995	75	58	19-112	25	
Di-n-octylphthalate	ug/kg	ND	1720	1720	997	757	58	44	17-105	27	
Dibenz(a,h)anthracene	ug/kg	ND	1720	1720	1070	850	63	50	23-111	23	
Dibenzofuran	ug/kg	ND	1720	1720	1200	983	70	57	35-103	20	
Diethylphthalate	ug/kg	ND	1720	1720	1350	1050	79	61	27-113	25	
Dimethylphthalate	ug/kg	ND	1720	1720	1150	940	67	55	26-111	20	
Fluoranthene	ug/kg	ND	1720	1720	1230	941	72	55	33-109	26	
Fluorene	ug/kg	ND	1720	1720	1240	986	72	58	32-113	22	
Hexachloro-1,3-butadiene	ug/kg	ND	1720	1720	981	835	57	49	16-116	16	
Hexachlorobenzene	ug/kg	ND	1720	1720	1050	873	62	51	27-120	19	
Hexachlorocyclopentadiene	ug/kg	ND	1720	1720	769	619	45	36	10-108	22	
Hexachloroethane	ug/kg	ND	1720	1720	1070	907	62	53	10-117	16	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1720	1720	1110	890	65	52	10-122	22	
Isophorone	ug/kg	ND	1720	1720	1280	1020	75	59	28-114	23	
N-Nitroso-di-n-propylamine	ug/kg	ND	1720	1720	1090	876	63	51	27-113	21	
N-Nitrosodimethylamine	ug/kg	ND	1720	1720	1040	866	61	51	10-109	18	
N-Nitrosodiphenylamine	ug/kg	ND	1720	1720	995	845	58	49	10-128	16	
Naphthalene	ug/kg	ND	1720	1720	1080	912	63	53	25-110	17	
Nitrobenzene	ug/kg	ND	1720	1720	1180	993	69	58	18-114	17	
Pentachlorophenol	ug/kg	ND	3420	3420	2160	1630J	63	48	10-122		
Phenanthrene	ug/kg	ND	1720	1720	1160	943	68	55	30-114	21	
Phenol	ug/kg	ND	1720	1720	1160	950	67	55	11-102	19	
Pyrene	ug/kg	ND	1720	1720	1110	922	65	54	25-116	19	
2,4,6-Tribromophenol (S)	%						57	48	27-110		

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 642228 642229

Parameter	Units	9299537001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2-Fluorobiphenyl (S)	%						61	55	30-110		
2-Fluorophenol (S)	%						54	47	13-110		
Nitrobenzene-d5 (S)	%						60	54	23-110		
Phenol-d6 (S)	%						59	52	22-110		
Terphenyl-d14 (S)	%						58	51	28-110		

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: OEXT/14465
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9299537003

METHOD BLANK: 644815
Matrix: Solid
Associated Lab Samples: 9299537003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	08/13/11 18:15	
1,2-Dichlorobenzene	ug/kg	ND	330	08/13/11 18:15	
1,3-Dichlorobenzene	ug/kg	ND	330	08/13/11 18:15	
1,4-Dichlorobenzene	ug/kg	ND	330	08/13/11 18:15	
1-Methylnaphthalene	ug/kg	ND	330	08/13/11 18:15	
2,4,5-Trichlorophenol	ug/kg	ND	330	08/13/11 18:15	
2,4,6-Trichlorophenol	ug/kg	ND	330	08/13/11 18:15	
2,4-Dichlorophenol	ug/kg	ND	330	08/13/11 18:15	
2,4-Dimethylphenol	ug/kg	ND	330	08/13/11 18:15	
2,4-Dinitrophenol	ug/kg	ND	1650	08/13/11 18:15	
2,4-Dinitrotoluene	ug/kg	ND	330	08/13/11 18:15	
2,6-Dinitrotoluene	ug/kg	ND	330	08/13/11 18:15	
2-Chloronaphthalene	ug/kg	ND	330	08/13/11 18:15	
2-Chlorophenol	ug/kg	ND	330	08/13/11 18:15	
2-Methylnaphthalene	ug/kg	ND	330	08/13/11 18:15	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	08/13/11 18:15	
2-Nitroaniline	ug/kg	ND	1650	08/13/11 18:15	
2-Nitrophenol	ug/kg	ND	330	08/13/11 18:15	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	08/13/11 18:15	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	08/13/11 18:15	
3-Nitroaniline	ug/kg	ND	1650	08/13/11 18:15	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	08/13/11 18:15	
4-Bromophenylphenyl ether	ug/kg	ND	330	08/13/11 18:15	
4-Chloro-3-methylphenol	ug/kg	ND	660	08/13/11 18:15	
4-Chloroaniline	ug/kg	ND	1650	08/13/11 18:15	
4-Chlorophenylphenyl ether	ug/kg	ND	330	08/13/11 18:15	
4-Nitroaniline	ug/kg	ND	660	08/13/11 18:15	
4-Nitrophenol	ug/kg	ND	1650	08/13/11 18:15	
Acenaphthene	ug/kg	ND	330	08/13/11 18:15	
Acenaphthylene	ug/kg	ND	330	08/13/11 18:15	
Aniline	ug/kg	ND	330	08/13/11 18:15	
Anthracene	ug/kg	ND	330	08/13/11 18:15	
Benzo(a)anthracene	ug/kg	ND	330	08/13/11 18:15	
Benzo(a)pyrene	ug/kg	ND	330	08/13/11 18:15	
Benzo(b)fluoranthene	ug/kg	ND	330	08/13/11 18:15	
Benzo(g,h,i)perylene	ug/kg	ND	330	08/13/11 18:15	
Benzo(k)fluoranthene	ug/kg	ND	330	08/13/11 18:15	
Benzoic Acid	ug/kg	ND	1650	08/13/11 18:15	
Benzyl alcohol	ug/kg	ND	660	08/13/11 18:15	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	08/13/11 18:15	
bis(2-Chloroethyl) ether	ug/kg	ND	330	08/13/11 18:15	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	08/13/11 18:15	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	08/13/11 18:15	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

METHOD BLANK: 644815 Matrix: Solid

Associated Lab Samples: 9299537003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	330	08/13/11 18:15	
Chrysene	ug/kg	ND	330	08/13/11 18:15	
Di-n-butylphthalate	ug/kg	ND	330	08/13/11 18:15	
Di-n-octylphthalate	ug/kg	ND	330	08/13/11 18:15	
Dibenz(a,h)anthracene	ug/kg	ND	330	08/13/11 18:15	
Dibenzofuran	ug/kg	ND	330	08/13/11 18:15	
Diethylphthalate	ug/kg	ND	330	08/13/11 18:15	
Dimethylphthalate	ug/kg	ND	330	08/13/11 18:15	
Fluoranthene	ug/kg	ND	330	08/13/11 18:15	
Fluorene	ug/kg	ND	330	08/13/11 18:15	
Hexachloro-1,3-butadiene	ug/kg	ND	330	08/13/11 18:15	
Hexachlorobenzene	ug/kg	ND	330	08/13/11 18:15	
Hexachlorocyclopentadiene	ug/kg	ND	330	08/13/11 18:15	
Hexachloroethane	ug/kg	ND	330	08/13/11 18:15	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	08/13/11 18:15	
Isophorone	ug/kg	ND	330	08/13/11 18:15	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	08/13/11 18:15	
N-Nitrosodimethylamine	ug/kg	ND	330	08/13/11 18:15	
N-Nitrosodiphenylamine	ug/kg	ND	330	08/13/11 18:15	
Naphthalene	ug/kg	ND	330	08/13/11 18:15	
Nitrobenzene	ug/kg	ND	330	08/13/11 18:15	
Pentachlorophenol	ug/kg	ND	1650	08/13/11 18:15	
Phenanthrene	ug/kg	ND	330	08/13/11 18:15	
Phenol	ug/kg	ND	330	08/13/11 18:15	
Pyrene	ug/kg	ND	330	08/13/11 18:15	
2,4,6-Tribromophenol (S)	%	51	27-110	08/13/11 18:15	
2-Fluorobiphenyl (S)	%	49	30-110	08/13/11 18:15	
2-Fluorophenol (S)	%	56	13-110	08/13/11 18:15	
Nitrobenzene-d5 (S)	%	55	23-110	08/13/11 18:15	
Phenol-d6 (S)	%	48	22-110	08/13/11 18:15	
Terphenyl-d14 (S)	%	62	28-110	08/13/11 18:15	

LABORATORY CONTROL SAMPLE: 644816

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1050	63	39-101	
1,2-Dichlorobenzene	ug/kg	1670	1090	65	36-110	
1,3-Dichlorobenzene	ug/kg	1670	1120	67	35-110	
1,4-Dichlorobenzene	ug/kg	1670	1110	67	35-110	
1-Methylnaphthalene	ug/kg	1670	978	59	45-105	
2,4,5-Trichlorophenol	ug/kg	1670	1040	63	48-109	
2,4,6-Trichlorophenol	ug/kg	1670	1180	71	45-111	
2,4-Dichlorophenol	ug/kg	1670	1050	63	51-116	
2,4-Dimethylphenol	ug/kg	1670	1030	62	42-103	
2,4-Dinitrophenol	ug/kg	8330	5080	61	28-103	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

LABORATORY CONTROL SAMPLE: 644816

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1250	75	46-114	
2,6-Dinitrotoluene	ug/kg	1670	1220	73	48-112	
2-Chloronaphthalene	ug/kg	1670	1110	67	44-105	
2-Chlorophenol	ug/kg	1670	1100	66	36-110	
2-Methylnaphthalene	ug/kg	1670	994	60	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1670	883	53	39-101	
2-Nitroaniline	ug/kg	3330	2680	81	44-111	
2-Nitrophenol	ug/kg	1670	1080	65	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	903	54	43-103	
3,3'-Dichlorobenzidine	ug/kg	3330	2120	64	10-150	
3-Nitroaniline	ug/kg	3330	2450	73	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2220	67	38-118	
4-Bromophenylphenyl ether	ug/kg	1670	1110	66	47-115	
4-Chloro-3-methylphenol	ug/kg	3330	2200	66	43-127	
4-Chloroaniline	ug/kg	3330	2030	61	34-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1150	69	44-115	
4-Nitroaniline	ug/kg	3330	2580	78	37-111	
4-Nitrophenol	ug/kg	8330	6690	80	21-152	
Acenaphthene	ug/kg	1670	1090	65	38-117	
Acenaphthylene	ug/kg	1670	1090	65	46-107	
Aniline	ug/kg	1670	953	57	29-110	
Anthracene	ug/kg	1670	1160	70	50-110	
Benzo(a)anthracene	ug/kg	1670	1130	68	47-116	
Benzo(a)pyrene	ug/kg	1670	1110	67	47-106	
Benzo(b)fluoranthene	ug/kg	1670	1080	65	47-109	
Benzo(g,h,i)perylene	ug/kg	1670	1110	67	39-115	
Benzo(k)fluoranthene	ug/kg	1670	1080	65	45-117	
Benzoic Acid	ug/kg	8330	3860	46	16-110	
Benzyl alcohol	ug/kg	3330	1960	59	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1670	971	58	39-110	
bis(2-Chloroethyl) ether	ug/kg	1670	1070	64	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1670	959	58	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1080	65	35-116	
Butylbenzylphthalate	ug/kg	1670	1100	66	38-110	
Chrysene	ug/kg	1670	1140	69	49-110	
Di-n-butylphthalate	ug/kg	1670	1110	67	43-109	
Di-n-octylphthalate	ug/kg	1670	1010	61	37-109	
Dibenz(a,h)anthracene	ug/kg	1670	1110	66	43-116	
Dibenzofuran	ug/kg	1670	1140	69	45-106	
Diethylphthalate	ug/kg	1670	1110	67	41-114	
Dimethylphthalate	ug/kg	1670	1100	66	43-110	
Fluoranthene	ug/kg	1670	1160	70	50-114	
Fluorene	ug/kg	1670	1120	67	46-114	
Hexachloro-1,3-butadiene	ug/kg	1670	1030	62	28-111	
Hexachlorobenzene	ug/kg	1670	1120	67	46-120	
Hexachlorocyclopentadiene	ug/kg	1670	1020	61	18-119	
Hexachloroethane	ug/kg	1670	1050	63	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1110	67	42-115	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

LABORATORY CONTROL SAMPLE: 644816

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/kg	1670	1070	64	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1670	917	55	43-104	
N-Nitrosodimethylamine	ug/kg	1670	1180	71	29-110	
N-Nitrosodiphenylamine	ug/kg	1670	1160	70	48-113	
Naphthalene	ug/kg	1670	1010	61	41-110	
Nitrobenzene	ug/kg	1670	1080	65	38-110	
Pentachlorophenol	ug/kg	3330	2650	79	32-128	
Phenanthrene	ug/kg	1670	1110	67	50-110	
Phenol	ug/kg	1670	1080	65	28-106	
Pyrene	ug/kg	1670	1130	68	45-114	
2,4,6-Tribromophenol (S)	%			75	27-110	
2-Fluorobiphenyl (S)	%			60	30-110	
2-Fluorophenol (S)	%			72	13-110	
Nitrobenzene-d5 (S)	%			64	23-110	
Phenol-d6 (S)	%			61	22-110	
Terphenyl-d14 (S)	%			64	28-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 644817 644818

Parameter	Units	9299883005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1740	1740	726	873	42	50	18-119	18	
1,2-Dichlorobenzene	ug/kg	ND	1740	1740	735	896	42	52	50-110	20	M0,M1
1,3-Dichlorobenzene	ug/kg	ND	1740	1740	756	911	44	53	27-110	19	
1,4-Dichlorobenzene	ug/kg	ND	1740	1740	761	925	44	53	28-110	20	
1-Methylnaphthalene	ug/kg	ND	1740	1740	675	856	39	49	24-116	24	
2,4,5-Trichlorophenol	ug/kg	ND	1740	1740	741	852	43	49	28-110	14	
2,4,6-Trichlorophenol	ug/kg	ND	1740	1740	811	950	47	55	17-117	16	
2,4-Dichlorophenol	ug/kg	ND	1740	1740	719	915	42	53	21-128	24	
2,4-Dimethylphenol	ug/kg	ND	1740	1740	683	757	39	44	10-120	10	
2,4-Dinitrophenol	ug/kg	ND	8660	8660	3550	4000	41	46	10-107	12	
2,4-Dinitrotoluene	ug/kg	ND	1740	1740	861	979	50	56	36-109	13	
2,6-Dinitrotoluene	ug/kg	ND	1740	1740	867	1010	50	58	32-110	16	
2-Chloronaphthalene	ug/kg	ND	1740	1740	769	931	44	54	30-107	19	
2-Chlorophenol	ug/kg	ND	1740	1740	741	927	43	54	14-106	22	
2-Methylnaphthalene	ug/kg	ND	1740	1740	688	866	40	50	10-135	23	
2-Methylphenol(o-Cresol)	ug/kg	ND	1740	1740	568	701	33	40	10-124	21	
2-Nitroaniline	ug/kg	ND	3460	3460	1880	2170	54	63	26-116	14	
2-Nitrophenol	ug/kg	ND	1740	1740	732	961	42	55	28-103	27	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1740	1740	573	722	33	42	10-109	23	
3,3'-Dichlorobenzidine	ug/kg	ND	3460	3460	1450J	1310J	42	38	10-150		
3-Nitroaniline	ug/kg	ND	3460	3460	1710J	1900	49	55	22-110		
4,6-Dinitro-2-methylphenol	ug/kg	ND	3460	3460	1570	1680	45	48	13-121	6	
4-Bromophenylphenyl ether	ug/kg	ND	1740	1740	780	894	45	52	31-109	14	
4-Chloro-3-methylphenol	ug/kg	ND	3460	3460	1560	1890	45	55	13-128	19	
4-Chloroaniline	ug/kg	ND	3460	3460	1390J	1560J	40	45	18-102		

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 644817 644818

Parameter	Units	9299883005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Chlorophenylphenyl ether	ug/kg	ND	1740	1740	787	914	45	53	29-112	15	
4-Nitroaniline	ug/kg	ND	3460	3460	1820	2040	53	59	16-111	11	
4-Nitrophenol	ug/kg	ND	8660	8660	4640	5180	54	60	14-135	11	
Acenaphthene	ug/kg	ND	1740	1740	768	900	44	52	26-114	16	
Acenaphthylene	ug/kg	ND	1740	1740	759	869	44	50	32-108	14	
Aniline	ug/kg	ND	1740	1740	338J	406	20	23	10-107		
Anthracene	ug/kg	ND	1740	1740	810	906	47	52	32-111	11	
Benzo(a)anthracene	ug/kg	ND	1740	1740	770	867	44	50	25-117	12	
Benzo(a)pyrene	ug/kg	ND	1740	1740	746	839	43	48	25-106	12	
Benzo(b)fluoranthene	ug/kg	ND	1740	1740	699	810	40	47	24-110	15	
Benzo(g,h,i)perylene	ug/kg	ND	1740	1740	762	804	44	46	19-112	5	
Benzo(k)fluoranthene	ug/kg	ND	1740	1740	727	824	42	48	24-114	12	
Benzoic Acid	ug/kg	ND	8660	8660	2560	2830	30	33	10-110	10	
Benzyl alcohol	ug/kg	ND	3460	3460	1290	1700	37	49	24-106	27	
bis(2-Chloroethoxy)methane	ug/kg	ND	1740	1740	669	852	39	49	13-119	24	
bis(2-Chloroethyl) ether	ug/kg	ND	1740	1740	703	891	41	51	10-134	24	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1740	1740	629	805	36	46	10-113	25	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1740	1740	730	948	42	55	10-125	26	
Butylbenzylphthalate	ug/kg	ND	1740	1740	732	859	42	50	18-110	16	
Chrysene	ug/kg	ND	1740	1740	778	879	45	51	30-110	12	
Di-n-butylphthalate	ug/kg	ND	1740	1740	764	856	44	49	19-112	11	
Di-n-octylphthalate	ug/kg	ND	1740	1740	721	805	42	46	17-105	11	
Dibenz(a,h)anthracene	ug/kg	ND	1740	1740	743	783	43	45	23-111	5	
Dibenzofuran	ug/kg	ND	1740	1740	795	928	46	54	35-103	15	
Diethylphthalate	ug/kg	ND	1740	1740	770	885	44	51	27-113	14	
Dimethylphthalate	ug/kg	ND	1740	1740	761	904	44	52	26-111	17	
Fluoranthene	ug/kg	ND	1740	1740	812	885	47	51	33-109	9	
Fluorene	ug/kg	ND	1740	1740	792	906	46	52	32-113	13	
Hexachloro-1,3-butadiene	ug/kg	ND	1740	1740	690	855	40	49	16-116	21	
Hexachlorobenzene	ug/kg	ND	1740	1740	779	891	45	51	27-120	13	
Hexachlorocyclopentadiene	ug/kg	ND	1740	1740	651	770	38	44	10-108	17	
Hexachloroethane	ug/kg	ND	1740	1740	709	862	41	50	10-117	19	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1740	1740	759	791	44	46	10-122	4	
Isophorone	ug/kg	ND	1740	1740	758	959	44	55	28-114	23	
N-Nitroso-di-n-propylamine	ug/kg	ND	1740	1740	622	779	36	45	27-113	22	
N-Nitrosodimethylamine	ug/kg	ND	1740	1740	778	969	45	56	10-109	22	
N-Nitrosodiphenylamine	ug/kg	ND	1740	1740	819	744	47	43	10-128	10	
Naphthalene	ug/kg	ND	1740	1740	703	875	41	51	25-110	22	
Nitrobenzene	ug/kg	ND	1740	1740	748	959	43	55	18-114	25	
Pentachlorophenol	ug/kg	ND	3460	3460	1890	2110	55	61	10-122	11	
Phenanthrene	ug/kg	ND	1740	1740	778	871	45	50	30-114	11	
Phenol	ug/kg	ND	1740	1740	654	823	38	47	11-102	23	
Pyrene	ug/kg	ND	1740	1740	754	885	43	51	25-116	16	
2,4,6-Tribromophenol (S)	%						51	56	27-110		
2-Fluorobiphenyl (S)	%						39	48	30-110		
2-Fluorophenol (S)	%						43	57	13-110		
Nitrobenzene-d5 (S)	%						41	54	23-110		

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 644817 644818

Parameter	Units	9299883005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Phenol-d6 (S)	%						38	48	22-110		
Terphenyl-d14 (S)	%						42	50	28-110		

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: MSV/16248 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9299537001, 9299537002, 9299537003, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013

METHOD BLANK: 644721 Matrix: Solid
Associated Lab Samples: 9299537001, 9299537002, 9299537003, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	08/08/11 18:18	
1,1,1-Trichloroethane	ug/kg	ND	5.0	08/08/11 18:18	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	08/08/11 18:18	
1,1,2-Trichloroethane	ug/kg	ND	5.0	08/08/11 18:18	
1,1-Dichloroethane	ug/kg	ND	5.0	08/08/11 18:18	
1,1-Dichloroethene	ug/kg	ND	5.0	08/08/11 18:18	
1,1-Dichloropropene	ug/kg	ND	5.0	08/08/11 18:18	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	08/08/11 18:18	
1,2,3-Trichloropropane	ug/kg	ND	5.0	08/08/11 18:18	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	08/08/11 18:18	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	08/08/11 18:18	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/08/11 18:18	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	08/08/11 18:18	
1,2-Dichlorobenzene	ug/kg	ND	5.0	08/08/11 18:18	
1,2-Dichloroethane	ug/kg	ND	5.0	08/08/11 18:18	
1,2-Dichloropropane	ug/kg	ND	5.0	08/08/11 18:18	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	08/08/11 18:18	
1,3-Dichlorobenzene	ug/kg	ND	5.0	08/08/11 18:18	
1,3-Dichloropropane	ug/kg	ND	5.0	08/08/11 18:18	
1,4-Dichlorobenzene	ug/kg	ND	5.0	08/08/11 18:18	
2,2-Dichloropropane	ug/kg	ND	5.0	08/08/11 18:18	
2-Butanone (MEK)	ug/kg	ND	100	08/08/11 18:18	
2-Chlorotoluene	ug/kg	ND	5.0	08/08/11 18:18	
2-Hexanone	ug/kg	ND	50.0	08/08/11 18:18	
4-Chlorotoluene	ug/kg	ND	5.0	08/08/11 18:18	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	08/08/11 18:18	
Acetone	ug/kg	ND	100	08/08/11 18:18	
Benzene	ug/kg	ND	5.0	08/08/11 18:18	
Bromobenzene	ug/kg	ND	5.0	08/08/11 18:18	
Bromochloromethane	ug/kg	ND	5.0	08/08/11 18:18	
Bromodichloromethane	ug/kg	ND	5.0	08/08/11 18:18	
Bromoform	ug/kg	ND	5.0	08/08/11 18:18	
Bromomethane	ug/kg	ND	10.0	08/08/11 18:18	
Carbon tetrachloride	ug/kg	ND	5.0	08/08/11 18:18	
Chlorobenzene	ug/kg	ND	5.0	08/08/11 18:18	
Chloroethane	ug/kg	ND	10.0	08/08/11 18:18	
Chloroform	ug/kg	ND	5.0	08/08/11 18:18	
Chloromethane	ug/kg	ND	10.0	08/08/11 18:18	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	08/08/11 18:18	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	08/08/11 18:18	
Dibromochloromethane	ug/kg	ND	5.0	08/08/11 18:18	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

METHOD BLANK: 644721 Matrix: Solid

Associated Lab Samples: 9299537001, 9299537002, 9299537003, 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	08/08/11 18:18	
Dichlorodifluoromethane	ug/kg	ND	10.0	08/08/11 18:18	
Diisopropyl ether	ug/kg	ND	5.0	08/08/11 18:18	
Ethylbenzene	ug/kg	ND	5.0	08/08/11 18:18	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	08/08/11 18:18	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	08/08/11 18:18	
m&p-Xylene	ug/kg	ND	10.0	08/08/11 18:18	
Methyl-tert-butyl ether	ug/kg	ND	5.0	08/08/11 18:18	
Methylene Chloride	ug/kg	ND	20.0	08/08/11 18:18	
n-Butylbenzene	ug/kg	ND	5.0	08/08/11 18:18	
n-Propylbenzene	ug/kg	ND	5.0	08/08/11 18:18	
Naphthalene	ug/kg	ND	5.0	08/08/11 18:18	
o-Xylene	ug/kg	ND	5.0	08/08/11 18:18	
p-Isopropyltoluene	ug/kg	ND	5.0	08/08/11 18:18	
sec-Butylbenzene	ug/kg	ND	5.0	08/08/11 18:18	
Styrene	ug/kg	ND	5.0	08/08/11 18:18	
tert-Butylbenzene	ug/kg	ND	5.0	08/08/11 18:18	
Tetrachloroethene	ug/kg	ND	5.0	08/08/11 18:18	
Toluene	ug/kg	ND	5.0	08/08/11 18:18	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	08/08/11 18:18	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	08/08/11 18:18	
Trichloroethene	ug/kg	ND	5.0	08/08/11 18:18	
Trichlorofluoromethane	ug/kg	ND	5.0	08/08/11 18:18	
Vinyl acetate	ug/kg	ND	50.0	08/08/11 18:18	
Vinyl chloride	ug/kg	ND	10.0	08/08/11 18:18	
Xylene (Total)	ug/kg	ND	10.0	08/08/11 18:18	
1,2-Dichloroethane-d4 (S)	%	104	70-132	08/08/11 18:18	
4-Bromofluorobenzene (S)	%	100	70-130	08/08/11 18:18	
Dibromofluoromethane (S)	%	101	70-130	08/08/11 18:18	
Toluene-d8 (S)	%	100	70-130	08/08/11 18:18	

LABORATORY CONTROL SAMPLE: 644722

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	55.1	110	70-131	
1,1,1-Trichloroethane	ug/kg	50	54.0	108	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	50	55.4	111	70-130	
1,1,2-Trichloroethane	ug/kg	50	53.8	108	70-132	
1,1-Dichloroethane	ug/kg	50	52.3	105	70-143	
1,1-Dichloroethene	ug/kg	50	52.5	105	70-137	
1,1-Dichloropropene	ug/kg	50	51.1	102	70-135	
1,2,3-Trichlorobenzene	ug/kg	50	51.6	103	69-153	
1,2,3-Trichloropropane	ug/kg	50	52.2	104	70-130	
1,2,4-Trichlorobenzene	ug/kg	50	50.9	102	55-171	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

LABORATORY CONTROL SAMPLE: 644722

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	54.0	108	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	50	58.7	117	68-141	
1,2-Dibromoethane (EDB)	ug/kg	50	55.2	110	70-130	
1,2-Dichlorobenzene	ug/kg	50	53.1	106	70-140	
1,2-Dichloroethane	ug/kg	50	51.1	102	70-137	
1,2-Dichloropropane	ug/kg	50	52.0	104	70-133	
1,3,5-Trimethylbenzene	ug/kg	50	52.4	105	70-143	
1,3-Dichlorobenzene	ug/kg	50	52.8	106	70-144	
1,3-Dichloropropane	ug/kg	50	53.2	106	70-132	
1,4-Dichlorobenzene	ug/kg	50	51.5	103	70-142	
2,2-Dichloropropane	ug/kg	50	55.2	110	68-152	
2-Butanone (MEK)	ug/kg	100	106	106	70-149	
2-Chlorotoluene	ug/kg	50	53.2	106	70-141	
2-Hexanone	ug/kg	100	112	112	70-149	
4-Chlorotoluene	ug/kg	50	55.4	111	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	121	121	70-153	
Acetone	ug/kg	100	113	113	70-157	
Benzene	ug/kg	50	50.8	102	70-130	
Bromobenzene	ug/kg	50	52.0	104	70-141	
Bromochloromethane	ug/kg	50	52.9	106	70-149	
Bromodichloromethane	ug/kg	50	55.6	111	70-130	
Bromoform	ug/kg	50	57.5	115	70-131	
Bromomethane	ug/kg	50	69.9	140	64-136	F3,L3
Carbon tetrachloride	ug/kg	50	55.6	111	70-154	
Chlorobenzene	ug/kg	50	54.2	108	70-135	
Chloroethane	ug/kg	50	67.6	135	68-151	
Chloroform	ug/kg	50	54.9	110	70-130	
Chloromethane	ug/kg	50	53.2	106	70-132	
cis-1,2-Dichloroethene	ug/kg	50	51.1	102	70-140	
cis-1,3-Dichloropropene	ug/kg	50	56.0	112	70-137	
Dibromochloromethane	ug/kg	50	54.8	110	70-130	
Dibromomethane	ug/kg	50	55.7	111	70-136	
Dichlorodifluoromethane	ug/kg	50	55.4	111	36-148	
Diisopropyl ether	ug/kg	50	52.3	105	70-139	
Ethylbenzene	ug/kg	50	53.4	107	70-137	
Hexachloro-1,3-butadiene	ug/kg	50	51.6	103	70-145	
Isopropylbenzene (Cumene)	ug/kg	50	54.4	109	70-141	
m&p-Xylene	ug/kg	100	109	109	70-140	
Methyl-tert-butyl ether	ug/kg	50	53.8	108	45-150	
Methylene Chloride	ug/kg	50	48.3	97	70-133	
n-Butylbenzene	ug/kg	50	55.1	110	65-155	
n-Propylbenzene	ug/kg	50	54.3	109	70-148	
Naphthalene	ug/kg	50	58.8	118	70-148	
o-Xylene	ug/kg	50	55.6	111	70-141	
p-Isopropyltoluene	ug/kg	50	53.8	108	70-148	
sec-Butylbenzene	ug/kg	50	52.3	105	70-145	
Styrene	ug/kg	50	56.6	113	70-138	
tert-Butylbenzene	ug/kg	50	53.5	107	70-143	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

LABORATORY CONTROL SAMPLE: 644722

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	50	54.5	109	70-140	
Toluene	ug/kg	50	52.1	104	70-130	
trans-1,2-Dichloroethene	ug/kg	50	52.1	104	70-136	
trans-1,3-Dichloropropene	ug/kg	50	56.8	114	70-138	
Trichloroethene	ug/kg	50	56.0	112	70-132	
Trichlorofluoromethane	ug/kg	50	56.0	112	69-134	
Vinyl acetate	ug/kg	100	127	127	24-161	
Vinyl chloride	ug/kg	50	58.7	117	55-140	
Xylene (Total)	ug/kg	150	165	110	70-141	
1,2-Dichloroethane-d4 (S)	%			103	70-132	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: MSV/16259 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9299537014, 9299537015, 9299537016, 9299537017

METHOD BLANK: 644921 Matrix: Solid
Associated Lab Samples: 9299537014, 9299537015, 9299537016, 9299537017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	08/09/11 13:41	
1,1,1-Trichloroethane	ug/kg	ND	5.0	08/09/11 13:41	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	08/09/11 13:41	
1,1,2-Trichloroethane	ug/kg	ND	5.0	08/09/11 13:41	
1,1-Dichloroethane	ug/kg	ND	5.0	08/09/11 13:41	
1,1-Dichloroethene	ug/kg	ND	5.0	08/09/11 13:41	
1,1-Dichloropropene	ug/kg	ND	5.0	08/09/11 13:41	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	08/09/11 13:41	
1,2,3-Trichloropropane	ug/kg	ND	5.0	08/09/11 13:41	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	08/09/11 13:41	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	08/09/11 13:41	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/09/11 13:41	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	08/09/11 13:41	
1,2-Dichlorobenzene	ug/kg	ND	5.0	08/09/11 13:41	
1,2-Dichloroethane	ug/kg	ND	5.0	08/09/11 13:41	
1,2-Dichloropropane	ug/kg	ND	5.0	08/09/11 13:41	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	08/09/11 13:41	
1,3-Dichlorobenzene	ug/kg	ND	5.0	08/09/11 13:41	
1,3-Dichloropropane	ug/kg	ND	5.0	08/09/11 13:41	
1,4-Dichlorobenzene	ug/kg	ND	5.0	08/09/11 13:41	
2,2-Dichloropropane	ug/kg	ND	5.0	08/09/11 13:41	
2-Butanone (MEK)	ug/kg	ND	100	08/09/11 13:41	
2-Chlorotoluene	ug/kg	ND	5.0	08/09/11 13:41	
2-Hexanone	ug/kg	ND	50.0	08/09/11 13:41	
4-Chlorotoluene	ug/kg	ND	5.0	08/09/11 13:41	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	08/09/11 13:41	
Acetone	ug/kg	ND	100	08/09/11 13:41	
Benzene	ug/kg	ND	5.0	08/09/11 13:41	
Bromobenzene	ug/kg	ND	5.0	08/09/11 13:41	
Bromochloromethane	ug/kg	ND	5.0	08/09/11 13:41	
Bromodichloromethane	ug/kg	ND	5.0	08/09/11 13:41	
Bromoform	ug/kg	ND	5.0	08/09/11 13:41	
Bromomethane	ug/kg	ND	10.0	08/09/11 13:41	
Carbon tetrachloride	ug/kg	ND	5.0	08/09/11 13:41	
Chlorobenzene	ug/kg	ND	5.0	08/09/11 13:41	
Chloroethane	ug/kg	ND	10.0	08/09/11 13:41	
Chloroform	ug/kg	ND	5.0	08/09/11 13:41	
Chloromethane	ug/kg	ND	10.0	08/09/11 13:41	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	08/09/11 13:41	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	08/09/11 13:41	
Dibromochloromethane	ug/kg	ND	5.0	08/09/11 13:41	
Dibromomethane	ug/kg	ND	5.0	08/09/11 13:41	
Dichlorodifluoromethane	ug/kg	ND	10.0	08/09/11 13:41	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

METHOD BLANK: 644921 Matrix: Solid

Associated Lab Samples: 9299537014, 9299537015, 9299537016, 9299537017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	08/09/11 13:41	
Ethylbenzene	ug/kg	ND	5.0	08/09/11 13:41	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	08/09/11 13:41	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	08/09/11 13:41	
m&p-Xylene	ug/kg	ND	10.0	08/09/11 13:41	
Methyl-tert-butyl ether	ug/kg	ND	5.0	08/09/11 13:41	
Methylene Chloride	ug/kg	ND	20.0	08/09/11 13:41	
n-Butylbenzene	ug/kg	ND	5.0	08/09/11 13:41	
n-Propylbenzene	ug/kg	ND	5.0	08/09/11 13:41	
Naphthalene	ug/kg	ND	5.0	08/09/11 13:41	
o-Xylene	ug/kg	ND	5.0	08/09/11 13:41	
p-Isopropyltoluene	ug/kg	ND	5.0	08/09/11 13:41	
sec-Butylbenzene	ug/kg	ND	5.0	08/09/11 13:41	
Styrene	ug/kg	ND	5.0	08/09/11 13:41	
tert-Butylbenzene	ug/kg	ND	5.0	08/09/11 13:41	
Tetrachloroethene	ug/kg	ND	5.0	08/09/11 13:41	
Toluene	ug/kg	ND	5.0	08/09/11 13:41	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	08/09/11 13:41	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	08/09/11 13:41	
Trichloroethene	ug/kg	ND	5.0	08/09/11 13:41	
Trichlorofluoromethane	ug/kg	ND	5.0	08/09/11 13:41	
Vinyl acetate	ug/kg	ND	50.0	08/09/11 13:41	
Vinyl chloride	ug/kg	ND	10.0	08/09/11 13:41	
Xylene (Total)	ug/kg	ND	10.0	08/09/11 13:41	
1,2-Dichloroethane-d4 (S)	%	93	70-132	08/09/11 13:41	
4-Bromofluorobenzene (S)	%	96	70-130	08/09/11 13:41	
Dibromofluoromethane (S)	%	101	70-130	08/09/11 13:41	
Toluene-d8 (S)	%	100	70-130	08/09/11 13:41	

LABORATORY CONTROL SAMPLE: 644922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	47.2	94	70-131	
1,1,1-Trichloroethane	ug/kg	50	46.7	93	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	50	45.6	91	70-130	
1,1,2-Trichloroethane	ug/kg	50	48.3	97	70-132	
1,1-Dichloroethane	ug/kg	50	45.5	91	70-143	
1,1-Dichloroethene	ug/kg	50	43.1	86	70-137	
1,1-Dichloropropene	ug/kg	50	42.2	84	70-135	
1,2,3-Trichlorobenzene	ug/kg	50	47.9	96	69-153	
1,2,3-Trichloropropane	ug/kg	50	41.1	82	70-130	
1,2,4-Trichlorobenzene	ug/kg	50	47.7	95	55-171	
1,2,4-Trimethylbenzene	ug/kg	50	47.8	96	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	50	49.6	99	68-141	
1,2-Dibromoethane (EDB)	ug/kg	50	46.2	92	70-130	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

LABORATORY CONTROL SAMPLE: 644922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	48.1	96	70-140	
1,2-Dichloroethane	ug/kg	50	45.6	91	70-137	
1,2-Dichloropropane	ug/kg	50	47.3	95	70-133	
1,3,5-Trimethylbenzene	ug/kg	50	47.1	94	70-143	
1,3-Dichlorobenzene	ug/kg	50	46.8	94	70-144	
1,3-Dichloropropane	ug/kg	50	45.5	91	70-132	
1,4-Dichlorobenzene	ug/kg	50	46.4	93	70-142	
2,2-Dichloropropane	ug/kg	50	45.4	91	68-152	
2-Butanone (MEK)	ug/kg	100	94.2J	94	70-149	
2-Chlorotoluene	ug/kg	50	48.0	96	70-141	
2-Hexanone	ug/kg	100	87.1	87	70-149	
4-Chlorotoluene	ug/kg	50	49.0	98	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	90.9	91	70-153	
Acetone	ug/kg	100	106	106	70-157	
Benzene	ug/kg	50	44.4	89	70-130	
Bromobenzene	ug/kg	50	45.4	91	70-141	
Bromochloromethane	ug/kg	50	46.0	92	70-149	
Bromodichloromethane	ug/kg	50	46.9	94	70-130	
Bromoform	ug/kg	50	42.8	86	70-131	
Bromomethane	ug/kg	50	73.5	147	64-136	F3,L3
Carbon tetrachloride	ug/kg	50	45.8	92	70-154	
Chlorobenzene	ug/kg	50	45.5	91	70-135	
Chloroethane	ug/kg	50	61.8	124	68-151	
Chloroform	ug/kg	50	48.1	96	70-130	
Chloromethane	ug/kg	50	51.1	102	70-132	
cis-1,2-Dichloroethene	ug/kg	50	45.5	91	70-140	
cis-1,3-Dichloropropene	ug/kg	50	47.6	95	70-137	
Dibromochloromethane	ug/kg	50	46.2	92	70-130	
Dibromomethane	ug/kg	50	49.8	100	70-136	
Dichlorodifluoromethane	ug/kg	50	50.8	102	36-148	
Diisopropyl ether	ug/kg	50	47.3	95	70-139	
Ethylbenzene	ug/kg	50	43.7	87	70-137	
Hexachloro-1,3-butadiene	ug/kg	50	46.9	94	70-145	
Isopropylbenzene (Cumene)	ug/kg	50	45.5	91	70-141	
m&p-Xylene	ug/kg	100	89.7	90	70-140	
Methyl-tert-butyl ether	ug/kg	50	49.1	98	45-150	
Methylene Chloride	ug/kg	50	40.0	80	70-133	
n-Butylbenzene	ug/kg	50	46.7	93	65-155	
n-Propylbenzene	ug/kg	50	47.6	95	70-148	
Naphthalene	ug/kg	50	51.6	103	70-148	
o-Xylene	ug/kg	50	45.8	92	70-141	
p-Isopropyltoluene	ug/kg	50	46.6	93	70-148	
sec-Butylbenzene	ug/kg	50	47.4	95	70-145	
Styrene	ug/kg	50	44.0	88	70-138	
tert-Butylbenzene	ug/kg	50	48.3	97	70-143	
Tetrachloroethene	ug/kg	50	44.4	89	70-140	
Toluene	ug/kg	50	44.4	89	70-130	
trans-1,2-Dichloroethene	ug/kg	50	44.8	90	70-136	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

LABORATORY CONTROL SAMPLE: 644922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	48.5	97	70-138	
Trichloroethene	ug/kg	50	47.1	94	70-132	
Trichlorofluoromethane	ug/kg	50	51.9	104	69-134	
Vinyl acetate	ug/kg	100	88.4	88	24-161	
Vinyl chloride	ug/kg	50	55.9	112	55-140	
Xylene (Total)	ug/kg	150	135	90	70-141	
1,2-Dichloroethane-d4 (S)	%			94	70-132	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 645465

Parameter	Units	9299537016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	75.5	57.2	76	49-180	
Benzene	ug/kg	ND	75.5	56.9	75	50-166	
Chlorobenzene	ug/kg	ND	75.5	62.0	82	43-169	
Toluene	ug/kg	ND	75.5	65.0	86	52-163	
Trichloroethene	ug/kg	ND	75.5	65.1	86	49-167	
1,2-Dichloroethane-d4 (S)	%				85	70-132	
4-Bromofluorobenzene (S)	%				94	70-130	
Dibromofluoromethane (S)	%				91	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 645464

Parameter	Units	9299537015 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,1-Trichloroethane	ug/kg	ND	ND		
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,2-Trichloroethane	ug/kg	ND	ND		
1,1-Dichloroethane	ug/kg	ND	ND		
1,1-Dichloroethene	ug/kg	ND	ND		
1,1-Dichloropropene	ug/kg	ND	ND		
1,2,3-Trichlorobenzene	ug/kg	ND	ND		
1,2,3-Trichloropropane	ug/kg	ND	ND		
1,2,4-Trichlorobenzene	ug/kg	ND	ND		
1,2,4-Trimethylbenzene	ug/kg	ND	ND		
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		
1,2-Dichlorobenzene	ug/kg	ND	ND		
1,2-Dichloroethane	ug/kg	ND	ND		
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

SAMPLE DUPLICATE: 645464

Parameter	Units	9299537015 Result	Dup Result	RPD	Qualifiers
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	ND		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	ND		
Benzene	ug/kg	ND	ND		
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		
Carbon tetrachloride	ug/kg	ND	ND		
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	ND		
Chloromethane	ug/kg	ND	ND		
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		
m&p-Xylene	ug/kg	ND	ND		
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
tert-Butylbenzene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	ND	ND		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

SAMPLE DUPLICATE: 645464

Parameter	Units	9299537015 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	81	79	6	
4-Bromofluorobenzene (S)	%	92	96	13	
Dibromofluoromethane (S)	%	92	91	7	
Toluene-d8 (S)	%	99	99	8	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: PMST/4099
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9299537001, 9299537002, 9299537003

SAMPLE DUPLICATE: 642071

Parameter	Units	9299538001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	10.9	10.4	5	

SAMPLE DUPLICATE: 642072

Parameter	Units	9299537003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	7.6	8.0	6	

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QUALITY CONTROL DATA

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

QC Batch: PMST/4100
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9299537004, 9299537005, 9299537006, 9299537007, 9299537008, 9299537009, 9299537010, 9299537011, 9299537012, 9299537013, 9299537014, 9299537015, 9299537016, 9299537017

SAMPLE DUPLICATE: 642073

Parameter	Units	9299537004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	3.5	4.0	15	

SAMPLE DUPLICATE: 642074

Parameter	Units	9299513001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	17.5	17.7	1	

QUALIFIERS

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

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.

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

1g	Surrogate fails after Moisture Correction for Methanol.
2g	The internal standard response is below criteria. No hits associated with this internal standard. Results unaffected by high bias.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
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.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold TNI accreditation for this parameter.
NC	Results acceptable because non-target analyte peak heights do not exceed the maximum calibrated upper range of the system per Section 9.5.8 of the MADEP VPH method.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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www.pacelabs.com

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

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9299537001	**P-87-UST-1-1 (8.5 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537002	**P-87-UST-1-2 (8.5 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537003	**P-87-UST-2-1 (8 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537004	**P-87-UST-2-2 (8 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537005	**P-87-UST-3-1 (8 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537006	**P-87-UST-3-2 (8 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537007	**P-87-UST-4-1 (5 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537008	**P-87-UST-5-1 (5 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537009	**P-87-UST-7-1 (5 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537010	**FUEL LINE 1 (3 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537011	**FUEL LINE 2 (3 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537012	**FUEL LINE 3 (3 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537013	**FUEL LINE 4 (3 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537014	**FLOOR-1 (12 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537015	**SW-1 (6 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537016	**SW-2 (6 FT)**	MADEP EPH	OEXT/14424	MADEP EPH	GCSV/10253
9299537017	**SW-3 (6 FT)**	MADEP EPH	OEXT/14469	MADEP EPH	GCSV/10270
9299537001	**P-87-UST-1-1 (8.5 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537002	**P-87-UST-1-2 (8.5 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537003	**P-87-UST-2-1 (8 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537004	**P-87-UST-2-2 (8 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537005	**P-87-UST-3-1 (8 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537006	**P-87-UST-3-2 (8 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537007	**P-87-UST-4-1 (5 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537008	**P-87-UST-5-1 (5 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537009	**P-87-UST-7-1 (5 FT)**	MADEP VPH	GCV/5254	MADEP VPH	GCV/5258
9299537010	**FUEL LINE 1 (3 FT)**	MADEP VPH	GCV/5260	MADEP VPH	GCV/5265
9299537011	**FUEL LINE 2 (3 FT)**	MADEP VPH	GCV/5260	MADEP VPH	GCV/5265
9299537012	**FUEL LINE 3 (3 FT)**	MADEP VPH	GCV/5260	MADEP VPH	GCV/5265
9299537013	**FUEL LINE 4 (3 FT)**	MADEP VPH	GCV/5260	MADEP VPH	GCV/5265
9299537014	**FLOOR-1 (12 FT)**	MADEP VPH	GCV/5260	MADEP VPH	GCV/5265
9299537015	**SW-1 (6 FT)**	MADEP VPH	GCV/5260	MADEP VPH	GCV/5265
9299537016	**SW-2 (6 FT)**	MADEP VPH	GCV/5260	MADEP VPH	GCV/5265
9299537017	**SW-3 (6 FT)**	MADEP VPH	GCV/5260	MADEP VPH	GCV/5265
9299537001	**P-87-UST-1-1 (8.5 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537002	**P-87-UST-1-2 (8.5 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537003	**P-87-UST-2-1 (8 FT)**	EPA 3546	OEXT/14465	EPA 8270	MSSV/5284
9299537004	**P-87-UST-2-2 (8 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537005	**P-87-UST-3-1 (8 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537006	**P-87-UST-3-2 (8 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537007	**P-87-UST-4-1 (5 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537008	**P-87-UST-5-1 (5 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537009	**P-87-UST-7-1 (5 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537010	**FUEL LINE 1 (3 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537011	**FUEL LINE 2 (3 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537012	**FUEL LINE 3 (3 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARCEL 87 WBS#35579.1.1
Pace Project No.: 9299537

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9299537013	**FUEL LINE 4 (3 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537014	**FLOOR-1 (12 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537015	**SW-1 (6 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537016	**SW-2 (6 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537017	**SW-3 (6 FT)**	EPA 3546	OEXT/14405	EPA 8270	MSSV/5237
9299537001	**P-87-UST-1-1 (8.5 FT)**	EPA 8260	MSV/16248		
9299537002	**P-87-UST-1-2 (8.5 FT)**	EPA 8260	MSV/16248		
9299537003	**P-87-UST-2-1 (8 FT)**	EPA 8260	MSV/16248		
9299537004	**P-87-UST-2-2 (8 FT)**	EPA 8260	MSV/16248		
9299537005	**P-87-UST-3-1 (8 FT)**	EPA 8260	MSV/16248		
9299537006	**P-87-UST-3-2 (8 FT)**	EPA 8260	MSV/16248		
9299537007	**P-87-UST-4-1 (5 FT)**	EPA 8260	MSV/16248		
9299537008	**P-87-UST-5-1 (5 FT)**	EPA 8260	MSV/16248		
9299537009	**P-87-UST-7-1 (5 FT)**	EPA 8260	MSV/16248		
9299537010	**FUEL LINE 1 (3 FT)**	EPA 8260	MSV/16248		
9299537011	**FUEL LINE 2 (3 FT)**	EPA 8260	MSV/16248		
9299537012	**FUEL LINE 3 (3 FT)**	EPA 8260	MSV/16248		
9299537013	**FUEL LINE 4 (3 FT)**	EPA 8260	MSV/16248		
9299537014	**FLOOR-1 (12 FT)**	EPA 8260	MSV/16259		
9299537015	**SW-1 (6 FT)**	EPA 8260	MSV/16259		
9299537016	**SW-2 (6 FT)**	EPA 8260	MSV/16259		
9299537017	**SW-3 (6 FT)**	EPA 8260	MSV/16259		
9299537001	**P-87-UST-1-1 (8.5 FT)**	ASTM D2974-87	PMST/4099		
9299537002	**P-87-UST-1-2 (8.5 FT)**	ASTM D2974-87	PMST/4099		
9299537003	**P-87-UST-2-1 (8 FT)**	ASTM D2974-87	PMST/4099		
9299537004	**P-87-UST-2-2 (8 FT)**	ASTM D2974-87	PMST/4100		
9299537005	**P-87-UST-3-1 (8 FT)**	ASTM D2974-87	PMST/4100		
9299537006	**P-87-UST-3-2 (8 FT)**	ASTM D2974-87	PMST/4100		
9299537007	**P-87-UST-4-1 (5 FT)**	ASTM D2974-87	PMST/4100		
9299537008	**P-87-UST-5-1 (5 FT)**	ASTM D2974-87	PMST/4100		
9299537009	**P-87-UST-7-1 (5 FT)**	ASTM D2974-87	PMST/4100		
9299537010	**FUEL LINE 1 (3 FT)**	ASTM D2974-87	PMST/4100		
9299537011	**FUEL LINE 2 (3 FT)**	ASTM D2974-87	PMST/4100		
9299537012	**FUEL LINE 3 (3 FT)**	ASTM D2974-87	PMST/4100		
9299537013	**FUEL LINE 4 (3 FT)**	ASTM D2974-87	PMST/4100		
9299537014	**FLOOR-1 (12 FT)**	ASTM D2974-87	PMST/4100		
9299537015	**SW-1 (6 FT)**	ASTM D2974-87	PMST/4100		
9299537016	**SW-2 (6 FT)**	ASTM D2974-87	PMST/4100		
9299537017	**SW-3 (6 FT)**	ASTM D2974-87	PMST/4100		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1476062

Section A Required Client Information:

Company: AMEC E&I
Address: 2200 Gateway Centre Blvd Morrisville, NC
Email To: helen.corley@amec.com
Phone: 919-447-2750 Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Helen Corley
Copy To: Troy.holzschuh@amec.com
Purchase Order No.: WBS: 35579.1.1
Project Name: Parcel 87 North Wilkesboro
Project Number: 562113405

Section C Invoice Information:

Attention: Ethan Caldwell
Company Name: NCDOT
Address: 1589 Mail Service Center Raleigh, NC 27699
Pace Quote Reference: WBS: 35579.1.1
Pace Project Manager: Kevin Herring
Pace Profile #: 4098-1

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VPH	EPH	8270 SVOC	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	P-87-UST-1-1 (8.5')	SL	G			8-1-11	1100		8	X						X		X	X	X	X		9299537001
2	P-87-UST-1-2 (8.5')						1105											X	X	X	X		002
3	P-87-UST-2-1 (8')						1110											X	X	X	X		003
4	P-87-UST-2-2 (8')						1115											X	X	X	X		004
5	P-87-UST-3-1 (8')						1120											X	X	X	X		005
6	P-87-UST-3-2 (8')						1125											X	X	X	X		006
7	P-87-UST-4-1 (5')						1130											X	X	X	X		007
8	P-87-UST-5-1 (5')						1140											X	X	X	X		008
9	P-87-UST-7-1 (5')	↓	↓			↓	1200		↓									X	X	X	X		009
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Troy L Holzschuh, AMEC	8/11/11	16:55		8/11/11	16:55	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Troy L Holzschuh

SIGNATURE of SAMPLER: Troy L Holzschuh

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.

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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: 2 of 2

1475412

Section A Required Client Information:

Company:	AMEC E+I
Address:	2200 Gateway Centre Blvd Morrisville, NC
Email To:	helen.corley@amec.com
Phone:	919-447-2750
Fax:	
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Helen Corley
Copy To:	troy.holzschuh@amec.com
Purchase Order No.:	WBS:35579.1.1
Project Name:	Parcel 87 North Wilkesboro
Project Number:	526113405

Section C Invoice Information:

Attention:	Ethan Caldwell
Company Name:	NCDOT
Address:	1599 Mail Service Center Raleigh NC 27699
Pace Quote Reference:	WBS: 35579.1.1
Pace Project Manager:	Kevin Herring
Pace Profile #:	

REGULATORY AGENCY

- ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
- ☑ UST ☐ RCRA ☐ OTHER ______

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

Pace Project No./ Lab I.D.: 9299537

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VPH	EPH	8270 SVOCs	8260 VOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Fuel Line 1 (3')	SL	G			8-2-11	745		8	X						X		X	X	X	X		9299537010
2	Fuel Line 2 (3')	↓	↓			↓	750		↓									X	X	X	X		011
3	Fuel Line 3 (3')	↓	↓			↓	755		↓									X	X	X	X		012
4	Fuel Line 4 (3')	↓	↓			↓	800		↓									X	X	X	X		013
5	Floor-1 (12')	↓	↓			↓	940		↓									X	X	X	X		014
6	SW-1 (6')	↓	↓			↓	950		↓									X	X	X	X		015
7	SW-2 (6')	↓	↓			↓	955		↓									X	X	X	X		016
8	SW-3 (6')	↓	↓			↓	1000		↓									X	X	X	X		017
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / AMEC	8/2/11	16:51	[signature] Pace	8/2/11	16:51	4.4	Y	N	Y
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

*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.

F-ALL-Q-020rev.07, 15-May-2007

APPENDIX E

UST-2 - Site Investigation Report for Permanent Closure or Change in Service of UST

UST-3 – Notice of Intent: UST Permanent Closure or Change in Service

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
Tel – (919) 447-2750
Fax – (919) 447-2751
www.amec.com

UST-2 Site Investigation Report for Permanent Closure or Change-in-Service of UST

Return completed form to:
The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out.
SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY:
I.D. #_____
Date Received_____

INSTRUCTIONS (READ THIS FIRST)

For more than five UST systems you may attach additional forms as needed.

Permanent closure – For permanent closure, complete all sections of this form.

Change-in-service – For change-in-service where UST systems will be converted from containing a regulated substance to storing a non-regulated substance, complete sections I, II, III, IV, and VIII

Effective February 1, 1995, all UST closure/change-in-service reports must be submitted in the format provided in the UST-12 form. UST closure and change-in-services must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. A copy of the UST-12 form and the *Guidelines for Tank Closure* can be obtained at www.wastenotnc.org.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

NOTE: If a release from the tank(s) has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G.

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity): Edward Pardue (Individual)
Street Address: 1429 Sparta Road
City: North Wilkesboro County: Wilkes
State: North Carolina Zip Code: 28659
Phone Number:

II. LOCATION OF TANKS

Facility Name or Company: Edward Pardue
Facility ID # (If known):
Street Address: 1429 Sparta Rd
City: North Wilkesboro County: Wilkes Zip Code: 28659
Phone Number:

III. CONTACT PERSONNEL

Contact for Facility: Ethan Caldwell - NCDOT	Job Title: LG, PE		Phone. No: 919-250-4088
Closure Contractor Name: Tony Disher	Closure Contractor Company: EVO	Address: 1703 Vargrave St Winsto	Phone. No: Salem 336-725-5841
Primary Consultant Name: Troy L Holzschuh	Primary Consultant Company: AMEC	Address: 2801 Yorkmont Charlotte, NC	Phone. No: 704-357-5630

IV. UST INFORMATION FOR REGISTERED UST SYSTEMS

V. EXCAVATION CONDITION

Tank ID No.	Size in Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Change-in-Service Date	Water in excavation Yes	Water in excavation No	Free product Yes	Free product No	Notable odor or visible soil contamination Yes	Notable odor or visible soil contamination No
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

VI. UST INFORMATION FOR UNREGISTERED UST SYSTEMS

VII. EXCAVATION CONDITION

Tank ID No.	Size in Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Tank Owner Name *	Water in excavation Yes	Water in excavation No	Free product Yes	Free product No	Notable odor or visible soil contamination Yes	Notable odor or visible soil contamination No
	2000	5x12	Gasoline	unknown	8-1-11	Edward Pardue	☐	☑	☐	☑	☐	☑
	1,000	4x11.5	Gasoline	unknown	8-1-11	Edward Pardue	☐	☑	☐	☑	☐	☑
	1,000	4x10.5	Diesel	unknown	8-1-11	Edward Pardue	☐	☑	☐	☑	☐	☑
	750	3x8	Petroleum	unknown	8-1-11	Edward Pardue	☐	☑	☐	☑	☑	☐
	750	3x8	Petroleum	unknown	8-1-11	Edward Pardue	☐	☑	☐	☑	☑	☐

* If the tank owner address is different from the one listed in Section I., then enter the street address, city, state, zip code and telephone no. below:

III. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete.

Print name and official title of owner or owner's authorized representative	Signature	Date Signed
Troy L Holzschuh Engineering Technician	Troy L Holzschuh	9-12-11

UST-2 Site Investigation Report for Permanent Closure or Change-in-Service of UST

Return completed form to:
The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out.
SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY:
I.D. #_____
Date Received_____

INSTRUCTIONS (READ THIS FIRST)

For more than five UST systems you may attach additional forms as needed.

Permanent closure – For permanent closure, complete all sections of this form.

Change-in-service – For change-in-service where UST systems will be converted from containing a regulated substance to storing a non-regulated substance, complete sections I, II, III, IV, and VIII

Effective February 1, 1995, all UST closure/change-in-service reports must be submitted in the format provided in the UST-12 form. UST closure and change-in-services must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. A copy of the UST-12 form and the *Guidelines for Tank Closure* can be obtained at www.wastenotnc.org.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

NOTE: If a release from the tank(s) has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G.

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity): Edward Pardue (Individual)
Street Address: 1429 Sparta Rd
City: North Wilkesboro County: Wilkes
State: North Carolina Zip Code: 28659
Phone Number:

II. LOCATION OF TANKS

Facility Name or Company: Edward Pardue
Facility ID # (If known):
Street Address: 1429 Sparta Rd
City: North Wilkesboro County: Wilkes Zip Code: 28659
Phone Number:

III. CONTACT PERSONNEL

Contact for Facility: Ethan Caldwell - NCDOT		Job Title: LG, PE	Phone. No: 919-250-4088
Closure Contractor Name: Tony Disher	Closure Contractor Company: EVO	Address: 1703 Vargrave St. Winston Salem, NC	Phone. No: 336-725-5844
Primary Consultant Name: Troy L Holzschuh	Primary Consultant Company: AMEC	Address: 2801 Yorkmont, Charlotte, NC	Phone. No: 704-357-5630

IV. UST INFORMATION FOR REGISTERED UST SYSTEMS

V. EXCAVATION CONDITION

Tank ID No.	Size in Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Change-in-Service Date	Water in excavation Yes	Water in excavation No	Free product Yes	Free product No	Notable odor or visible soil contamination Yes	Notable odor or visible soil contamination No
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

VI. UST INFORMATION FOR UNREGISTERED UST SYSTEMS

VII. EXCAVATION CONDITION

Tank ID No.	Size in Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Tank Owner Name *	Water in excavation Yes	Water in excavation No	Free product Yes	Free product No	Notable odor or visible soil contamination Yes	Notable odor or visible soil contamination No
	750	3x8	#2 Fuel Oil	unknown	8-1-11	Edward Pardue	☐	☑	☐	☑	☐	☑
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

* If the tank owner address is different from the one listed in Section I., then enter the street address, city, state, zip code and telephone no. below:

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete.

Print name and official title of owner or owner's authorized representative	Signature	Date Signed
Troy L Holzschuh Engineering Technician	Troy L Holzschuh	9-12-11

UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

Return completed form to:
The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out.
SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY
I.D. #_____
Date Received_____

INSTRUCTIONS (READ THIS FIRST)

Complete and return at least **thirty (30) days** prior to closure or change-in-service activities. If a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in-service site assessment activities and signs and seals all closure reports then at least a **five (5) working days** notice is acceptable.

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2 form, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. The *Guidelines for Tank Closure* can be obtained at www.wastenotnc.org.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity): James C Pardue
Street Address: 1429 Sparta Road
City: North Wilkesboro County: Wilkes
State: North Carolina Zip Code: 28659
Phone Number:

II. LOCATION

Facility Name or Company: James C Pardue
Facility ID # (If known):
Street Address: 1429 Sparta Road
City: North Wilkesboro County: Wilkes Zip Code: 28659
Phone Number:

III. CONTACT PERSONNEL

Name: Ethan Caldwell | Company Name: NCDOT | Job Title: LG, PE | Phone Number: 919-250-4088

IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

1. Contact local fire marshal.
2. Plan entire closure event.
3. Conduct Site Soil Assessment.
4. If removing tanks or closing in place, refer to API Publication 2015 *Cleaning Petroleum Storage Tanks* and 1604 *Removal and Disposal of Used Underground Petroleum Storage Tanks*.
5. Provide a sketch locating piping, tanks and soil sampling locations.
6. Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation.
7. If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required.
8. Keep closure records for three (3) years.

V. WORK TO BE PERFORMED BY

Contractor Name: Tony Disher
Contractor Company Name: Evo Corp
Address: 1703 Vargrave St. Winston Salem
State: NC Zip Code: 28107 Phone No: 336-725-5844
Primary Consultant Name: Troy L Holzschuh
Primary Consultant Company Name: AMEC E+I
Consultant Phone No: 919-447-2750

VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

Tank ID No.	Size in Gallons	Last Contents	Proposed Activity: Closure – Removal	Closure – Abandonment in Place *	Change-In-Service – New Contents Stored
	3000	unknown	☑	☐	
	1000	unknown	☑	☐	
	1000	unknown	☑	☐	
	2000	unknown	☑	☐	
	275	unknown	☑	☐	

* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: Troy L Holzschuh Engineering Technician

Signature: Troy L Holzschuh | Date Signed: 7-19-11 | SCHEDULED REMOVAL DATE: 8-1-11 | **Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes**

UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

Return completed form to:
The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out.
SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY
I.D. #_____
Date Received_____

INSTRUCTIONS (READ THIS FIRST)

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UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. The *Guidelines for Tank Closure* can be obtained at www.wastenotnc.org.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

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Facility ID # (If known):
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City: North Wilkesboro County: Wilkes Zip Code: 28659
Phone Number:

III. CONTACT PERSONNEL

Name: Ethan Gallwell | Company Name: NCDOT | Job Title: LE/PE | Phone Number: 919-250-4088

IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

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State: NC Zip Code: 28107 Phone No: 336-725-5844
Primary Consultant Name: Troy L Holzschuh
Primary Consultant Company Name: AMEC E&I
Consultant Phone No: 919-447-2750

VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

Tank ID No.	Size in Gallons	Last Contents	Proposed Activity: Closure – Removal	Closure – Abandonment in Place *	Change-In-Service – New Contents Stored
	550	unknown	☑	☐	
	560	unknown	☑	☐	
			☐	☐	
			☐	☐	
			☐	☐	

* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: Troy L Holzschuh Engineering Technician

Signature	Date Signed	SCHEDULED REMOVAL DATE	Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes
Troy L Holzschuh	7-19-11	8-1-11	