

INITIAL ABATEMENT ACTION REPORT

TT-2103

**TARAWA TERRACE
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA**

JANUARY 6, 2010

**NAVY CONTRACT NO. N62470-05-D-6200
DELIVERY ORDER NO. 0074
CATLIN PROJECT NO. 209-112**



PREPARED BY:

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CORPORATE LICENSURE NO. FOR ENGINEERING SERVICES: C-0585

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1.0 SITE INFORMATION

1.1 SITE IDENTIFICATION

Date of Report: January 6, 2010
Facility I.D.: Not Applicable UST Incident Number (if known): Pending
Site Name: TT-2103
Site Street Address: TT-2103 Tarawa Blvd
City/Town: Camp Lejeune Zip Code: 28542 County: Onslow
Description of Geographical Data Point: Approximate former tank basin
Location Method: Marine Corps Base Camp Lejeune GIS (see Figure 1)
Latitude: 34° 44' 14.48" N Longitude: 77° 22' 42.66" W

1.2 CONTACT INFORMATION

UST Owner and Operator: Commanding Officer, Marine Corps Base (MCB)
Address: PSC 20004 – MCB, Camp Lejeune, NC 28542-0004
Phone: 910-451-5068

Property Owner: Commanding Officer, MCB
Address: PSC 20004 – MCB, Camp Lejeune, NC 28542-0004
Phone: 910-451-5068

Property Occupant: Currently Vacant (Demolished)
Address: Commanding Officer, MCB
PSC 20004 – MCB, Camp Lejeune, NC 28542-0004
Phone: None

Consultant/Contractor: CATLIN Engineers and Scientists (CATLIN)
Address: 220 Old Dairy Road – Wilmington, NC 28405
Phone: 910-452-5861

Analytical Laboratory: Pace Analytical Services, Inc. (Pace)
State Certification No.: 5342
Address: 9800 Kinsey Ave. Suite 100 – Huntersville, NC 28078
Phone: 704-875-9092

Closure Contractor: TMS Envirocon, Inc. (TMS)
Address: T1 Cherry Point Trailer, Bldg. 4376T – Cherry Point, NC 28533
Phone: 252-447-1700

1.3 RELEASE INFORMATION

Date Discovered: November 30, 2009
Estimated Quantity of Release: Unknown
Cause of Release: Unknown
Source of Release (Piping/UST): Unknown
Sizes and contents of UST system from which the release occurred: 550-gallon heating oil tank

1.4 CERTIFICATION

I, Michael E. Mason, a Professional Engineer for CATLIN, do certify that the information contained in this report is correct and accurate to the best of my knowledge.



CATLIN is licensed to practice engineering in North Carolina. The certification number of the company is C-0585.

2.0 SITE HISTORY AND CHARACTERIZATION

The site is located within the Tarawa Terrace Housing Area aboard the MCB Camp Lejeune. The site vicinity is illustrated on Figure 1. The site is in an area where existing housing has been demolished and will be used to re-build military housing units. As a result, land use should be categorized as Residential. The UST was an inactive home heating oil tank previously used to store #2 Heating Oil for on-site use. The UST location is illustrated on Figure 2. The tank owner and operator have always been the Marine Corps, however; tank installation date is unknown. Owner and operator contact information as provided in Section 1.2 is summarized on Table 1. No previous releases have been reported in conjunction with this tank. The UST system (and release) site history is provided on Table 2.

The site lies within the Tidewater Region of the Coastal Plain Physiographic Province of North Carolina, where large streams and many of their tributaries are affected by ocean tides. The predominant soil type at the site is silty sand to sand of Quarternary surficial deposits. The depth to the underlain Tertiary Castle Hayne limestone/sand is unknown, but is estimated to be more than 30 feet. The depth to water is apparently greater than 9.5 feet below land surface (BLS).

As illustrated on Figure 3 and indicated on Table 3, the nearest surface water body is an unnamed tributary Frenchman's Creek and is approximately 300 feet west of the site. Another unnamed stream is located approximately 400 feet north of the site (see Figure 3 and Table 3). Groundwater flow direction in the surficial aquifer is assumed to flow north or west toward one of the unnamed tributaries. There are no water supply wells within a 1,500 ft radius of the site, and all buildings in the area are supplied by the MCB water supply system, specifically water from the Holcomb

Boulevard Water Treatment Plant (WTP). The ongoing new construction in the area is being connected to water supplied by the Holcomb Boulevard WTP.

The nearest place of public assembly is unknown at this time as the entire area is being redeveloped with new residential housing units. Community playgrounds may be planned in the area where the new housing units are to be constructed.

3.0 UST CLOSURE

3.1 PREPARATIONS

As previously mentioned, there was no record or indications of a release from the non-commercial, non-regulated heating oil tank prior to removal (excavation) activities. Therefore; submittal of a Notice of Intent (UST-3 Form) was not required. According to TMS, the tank and any nearby underground utilities were pre-located and surveyed prior to UST closure to prevent damage or UST releases by subcontractors of Actus Lend Lease (Actus) during demolition and construction in the area.

On November 30, 2009 an access hole was cut into the top of the tank in order to remove residual liquid contents from tank. A vacuum truck was used to remove tank contents.

3.2 PROCEDURES

As documented by TMS, following removal of residual material, acceptable vapor readings inside the tanks were measured with a Lower Explosive Limit (LEL) and oxygen meter. Sufficient soils were then removed from the top and sides of the tank allowing it to be lifted from the excavation. Excavated soils were stockpiled (temporarily) on plastic near the site.

The top of the tank was approximately two (2) feet BLS. The tank was found to be made of welded steel and measured four (4) feet in diameter by six (6) feet long with a capacity of approximately 550 gallons. Severe pitting and rust were noted but all welds appeared intact.

According to TMS, a mix of sandy/clayey soils around the UST revealed petroleum odor and elevated Photo Ionization Detector (PID) readings. A UST closure soil sample (from within two feet of the tank bottom) was not collected. Groundwater was not encountered during UST closure activities.

The North Carolina Department of Environment and Natural Resources (NCDENR) Wilmington Regional Office (WiRO) was notified of a suspected release and the UST-61 "24-Hour Notice of Release and UST Leak Reporting Form" is provided in Appendix A. A *Site Investigation Report for Permanent Closure or Change-in-Service of UST (UST-2)* form is included in

Appendix B.

3.3 RESIDUAL MATERIAL AND DISPOSAL

Certificates of disposal have not been provided by the disposal facilities prior to this report. Certificates of disposal will be forthcoming. According to TMS, approximately 550 gallons of contaminated water was pumped from the tank and properly disposed by Environmental Management Division (EMD), Resource Conservation and Recovery Section (RCRS) at Building 977. The stockpiled soils are awaiting transportation for disposal at the P&F Land Farming Facility, Permit# SR0500106, in Whitakers, NC. The tank was removed and transported to the TMS Laydown Area (MCAS Cherry Point) for cleaning and disposal preparation. TMS personnel noted there were signs of deterioration and corrosion on the bottom of the UST and small holes were observed in the sides. The tank will be transported to Jacksonville Scrap for disposal.

4.0 INITIAL RESPONSE AND ABATEMENT ACTIONS

Before beginning UST closure activities it was determined that if an indication of a release was noted during tank removal, actions would be taken at that time in an attempt to remediate (remove) any potentially impacted soils. Soils excavated around the UST revealed petroleum odor and elevated PID readings. No free-phase product was discovered during these closure and abatement actions. TMS continued excavating suspected soil contamination based on PID screening immediately following UST removal.

5.0 EXCAVATION OF CONTAMINATED SOIL

5.1 FIELD SCREENING

During UST system removal, soil contamination was suspected based on PID field screening and a strong hydrocarbon odor. The PID was calibrated each morning in the field using the appropriate calibration standard recommended by the PID manufacturer.

5.2 EXCAVATION PROCESS

As previously mentioned, soils were excavated immediately following UST removal and properly stockpiled (temporarily) near the site. Suspected soil contamination was excavated latterly around the former UST location based on obvious odor and periodic PID screening. Grab soil samples were collected by hand while wearing new, disposable gloves and placed in a sealable polyethylene bag for PID headspace screening. Soils that revealed elevated readings were removed and placed on the nearby stockpile. Soil excavating ceased when all indications of petroleum impacted soils were

removed. Overall excavation limits measured 18 feet by 12 feet by 9.5 feet deep. Groundwater was not encountered during soil excavation activities. The excavation limits are illustrated on Figure 2.

5.3 CONFIRMATION SOIL SAMPLING

An undisturbed soil sample was collected from the excavation floor at 9.5 feet BLS and beneath the former UST location. Undisturbed sidewall soil samples from approximately five (5) feet BLS were obtained from each excavation sidewall utilizing the excavator bucket. The undisturbed soils from each sample location (see Figure 2) were removed from the excavator bucket by hand while wearing new disposable gloves and packed directly into the appropriate laboratory provided glassware, and placed on ice in an insulated cooler. The excavation confirmation sample identifications, sample date and time are provided on the Chain-of-Custody following the laboratory analytical report in Appendix C. The five (5) excavation confirmation samples (TT-2103-B-9.5, TT-2103-1, TT-2103-2, TT-2103-3, and TT-2103-4) were transferred to a Pace courier following proper chain-of-custody protocol and submitted for Total Petroleum Hydrocarbon (TPH) Diesel and Gasoline Range Organics (DRO and GRO) analysis per Environmental Protection Agency (EPA) Method 8015, volatile and semi-volatile organics analysis per EPA Methods 8260, 8270, and Massachusetts Department of Environmental Protection (MADEP) Extractable and Volatile Petroleum Hydrocarbons (EPH and VPH) analysis.

5.4 QUALITY CONTROL MEASURES

New disposable gloves were used for each sampling event. Undisturbed soil samples were collected by hand from the excavator bucket and packed directly into new laboratory provided glassware.

All samples were placed into appropriate sample jars (provided by the laboratory) with Teflon[®] lid liners, labeled with the site location, date and time, initials of person collecting sample, sample identification number, depth of sample, and tests required. Samples were then placed on ice in a cooler and maintained at approximately 4° Celsius during storage and transport to the laboratory. A temperature blank and trip blank were preserved in the cooler along with the site samples. A chain-of-custody form was maintained from the point of sampling until delivery to the laboratory.

No duplicate samples were submitted for laboratory analysis. According to the attached laboratory report (see Appendix C), the sample results are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards and analytical quality control data is available upon request.

6.0 RESULTS

The complete laboratory analytical report is provided in Appendix C. The TPH analysis results are summarized on Table 4. The Risk-Based analysis results per EPA Methods 8260 and 8270 are summarized on Table 5. The MADEP EPH and VPH results are summarized on Table 6.

The soil excavation confirmation sidewall soil samples TT-2103-1, TT-2103-3, and TT-2103-4 did not reveal any detectable TPH or Risk-Based contaminants of concern at concentrations above the laboratory reporting limits or lowest corresponding Maximum Soil Contaminant Concentrations (MSCCs). The soil excavation confirmation sidewall soil sample TT-2103-2 did not reveal any detectable TPH concentrations above the laboratory reporting limits or Risk-Based contaminants of concern above the lowest corresponding MSCCs. The soil excavation confirmation soil sample TT-2103-B-9.5 TPH analysis revealed DRO at a concentration of 356 milligrams per kilogram (mg/kg) and GRO concentrations were reported below the 5.7 mg/kg reporting limit. The TT-2103-B-9.5 Risk-Based analytical results were all reported below the lowest corresponding MSCCs except the C11-C22 Aromatic hydrocarbon concentration of 180 mg/kg, which is above the Soil-to-Groundwater MSCC of 34 mg/kg but below the Residential MSCC of 469 mg/kg.

Certificates of disposal for the USTs, fluids, and soils were not provided by the disposal facilities at the time of this report. It is assumed that the UST was nearly full of water and approximately 550-gallons were removed and properly disposed by EMD, RCRS at Building 977. Based on a 550-gallon, four (4) feet by six (6) feet tank with a volume of approximately 75 cubic feet (2.8 cubic yards) and an excavation measuring 18 feet by 12 feet by 9.5 feet deep (76 cubic yards), roughly 73.2 cubic yards or 110 tons of soil were removed during UST TT-2103 closure and excavation activities.

7.0 CONCLUSION AND RECOMMENDATIONS

A non-commercial, non-regulated 550-gallon home heating oil UST at TT-2103 that may have leaked, has been removed and properly disposed along with potentially petroleum impacted soils. Petroleum odors and elevated PID soil headspace screening results in soils around the tank may have been the result of a leaking UST system or historical tank overfills. However, laboratory analysis of a soil sample collected directly beneath the removed tank only revealed minor diesel impacts and no Risk-Based contaminants of concern above the lowest corresponding MSCCs except the C11-C22 Aromatic hydrocarbon concentration of 180 mg/kg revealed in the TT-2103-B-9.5 soil sample. The C11-C22 Aromatic hydrocarbon concentration of 180 mg/kg is below the corresponding Residential MSCC of 469 mg/kg.

Groundwater was not encountered during tank removal or soil excavation activities. The TT-2103 site should be considered a Low Risk site with the Residential MSCCs being applicable for soil cleanup. Based on the recent Risk Based soil sampling, the soil sample collected beneath the tank and samples collected from each of the four (4) sidewalls did not reveal residual contamination or a potential secondary source of contamination at the site above the established Residential MSCCs. Therefore, no further action and site closure is requested for the former UST TT-2103 site.

8.0 LIMITATIONS

This report is based on the agreed work scope and a review of available data from limited sampling. It is possible that this investigation may have failed to reveal the presence of contamination on the subject site where such contamination may exist. Although accepted methods appropriate for soil sampling were reported by others, CATLIN cannot guarantee that additional soil and/or groundwater contamination does not exist.

TABLES

TABLE 1**SITE HISTORY - UST OWNER AND OPERATOR INFORMATION**

Incident Name and No.: TT-2103 - Pending

UST ID Number	Name of Owner or Operator	Dates of Ownership/Operation	Owner or Operator?
TT-2103	Commanding Officer Marine Corps Base Camp Lejeune, NC	Unknown to 11/30/2009	Owner / Operator
Address (Owner / Operator)		Telephone Number (Owner / Operator)	
PSC 20004 Marine Corps Base, Camp Lejeune, 28542		(910) 451-5068	

TABLE 2**SITE HISTORY - UST SYSTEM AND RELEASE INFORMATION**

Incident Name and No.: TT-2103 - Pending

UST ID Number	Last Contents	Previous Contents	Capacity (gallons)	Construction Details	Tank Dimensions	Description of Associated Piping	Date Installed	Status of UST	Was Release Associated With UST System?
TT-2103	Heating Oil	Heating Oil	550	Unknown Steel	4' x 6'	Copper	Unknown	Removed - 11/30/2009	Yes (assumed)

TABLE 3**PUBLIC AND PRIVATE WATER SUPPLY WELL AND OTHER RECEPTOR INFORMATION**

Incident Name and No.: TT-2103 - Pending

Well #	Well Owner/User (indicate which)	Address	Phone Number	Well Use	Well Depth (ft. BLS)	Type of Well	Well Casing Depth (ft. BLS)	Well Screen Interval (x to y ft. BLS)	Distance from source area of release (ft.)	Up or Down Gradient
None	Not Applicable									

ft. BLS = feet below land surface

Receptor ID	Description	Location	Contact	Phone Number	Usage	Up or Down Gradient	Distance from source area of release (ft.)
Surface Water	Unnamed Stream	West	Commanding Officer PSC 20004 MCB, Camp Lejeune, 28542	(910) 451-5068	None	Up Gradient (Assumed)	300
Surface Water	Unnamed Stream	North	Commanding Officer PSC 20004 MCB, Camp Lejeune, 28542	(910) 451-5068	None	Up Gradient (Assumed)	400

TABLE 4
SUMMARY OF SOIL LABORATORY RESULTS
EPA METHOD 8015

Incident Name and No.: TT-2103 - Pending

Sample ID	Contaminant of Concern →		Gasoline Range Organics	Diesel Range Organics
	Date Collected	Sample Depth (ft. BLS)		
TT-2103-1	11/30/2009	5	<6.1	<6.1
TT-2103-2	11/30/2009	5	<6.0	<5.8
TT-2103-3	11/30/2009	5	<7.2	<5.6
TT-2103-4	11/30/2009	5	<5.9	<5.7
TT-2103-B-9.5	11/30/2009	9.5	<5.7	356
NCDENR Action Level (mg/kg)			10	10

All results in milligrams per kilogram (mg/kg).

ft. BLS = Feet Below Land Surface

NCDENR = North Carolina Department of Environment and Natural Resources

< = Less than reporting limit

Bold results indicate concentrations above the NCDENR Action Level.

TABLE 5
SUMMARY OF SOIL LABORATORY RESULTS
EPA METHODS 8260 AND 8270

Incident Name and No.: TT-2103 - Pending

Sample ID	Analytical Method →		EPA Method 8260						EPA Method 8270
	Contaminant of Concern →		Naphthalene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	All Other EPA Method 8260 Parameters	All EPA Method 8270 Parameters
	Date Collected	Sample Depth (ft. BLS)							
TT-2103-1	11/30/2009	5	<4.4	<4.4	<4.4	<4.4	<8.9	BRL	BRL
TT-2103-2	11/30/2009	5	<4.9	<4.9	10.3	5.1	10.6	BRL	BRL
TT-2103-3	11/30/2009	5	<4.6	<4.6	<4.6	<4.6	<9.1	BRL	BRL
TT-2103-4	11/30/2009	5	<4.8	<4.8	<4.8	<4.8	<9.6	BRL	BRL
TT-2103-B-9.5	11/30/2009	9.5	206	<195	202	<195	<391	BRL	BRL
Residential MSCC (ug/kg)			313,000	626,000	782,000	782,000	3,129,000	Varies	Varies
Industrial/Commercial MSCC (ug/kg)			8,176,000	16,350,000	20,440,000	20,440,000	81,760,000	Varies	Varies
Soil to Groundwater MSCC (ug/kg)			580	1,700	7,500	7,300	5,000	Varies	Varies

All results in micrograms per kilogram (ug/kg).

ft. BLS = Feet Below Land Surface

MSCC = Maximum Soil Contaminant Concentration

BRL = Below Reporting Limit

< = Less than reporting limit

Refer to analytical report for a complete list of parameters and reporting limits.

TABLE 6
SUMMARY OF SOIL LABORATORY RESULTS
MADEP EPH AND VPH

Incident Name and No.: TT-2103 - Pending

Sample ID	Analytical Method →		MADEP EPH			MADEP VPH			MADEP EPH/VPH			
	Contaminant of Concern →		C9-C18 Aliphatics	C19-C36 Aliphatics	C11-C22 Aromatics	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	C5-C8 Aliphatics	C9-C18 Aliphatics	C19-C36 Aliphatics	C9-C22 Aromatics
	Date Collected	Sample Depth (ft. BLS)										
TT-2103-1	11/30/2009	5	<12.2	<12.2	<12.2	<9.7	<9.7	<9.7	<9.7	<21.9	<12.2	<21.9
TT-2103-2	11/30/2009	5	<11.6	<11.6	<11.6	<9.6	<9.6	<9.6	<9.6	<21.2	<11.6	<21.2
TT-2103-3	11/30/2009	5	<11.3	<11.3	<11.3	<10.5	<10.5	<10.5	<10.5	<21.8	<11.3	<21.8
TT-2103-4	11/30/2009	5	<11.4	<11.4	<11.4	<10.1	<10.1	<10.1	<10.1	<21.5	<11.4	<21.5
TT-2103-B-9.5	11/30/2009	9.5	257	<116	180	<8.5	<8.5	<8.5	<8.5	<265.5*	<116	<188.5*
Residential MSCC (mg/kg)									939	9,386	93,860	469
Industrial/Commercial MSCC (mg/kg)									24,528	245,280	#	12,264
Soil to Groundwater MSCC (mg/kg)									72	3,300	##	34

All results in milligrams per kilogram (mg/kg).

ft. BLS = Feet Below Land Surface

< = Less than reporting limit

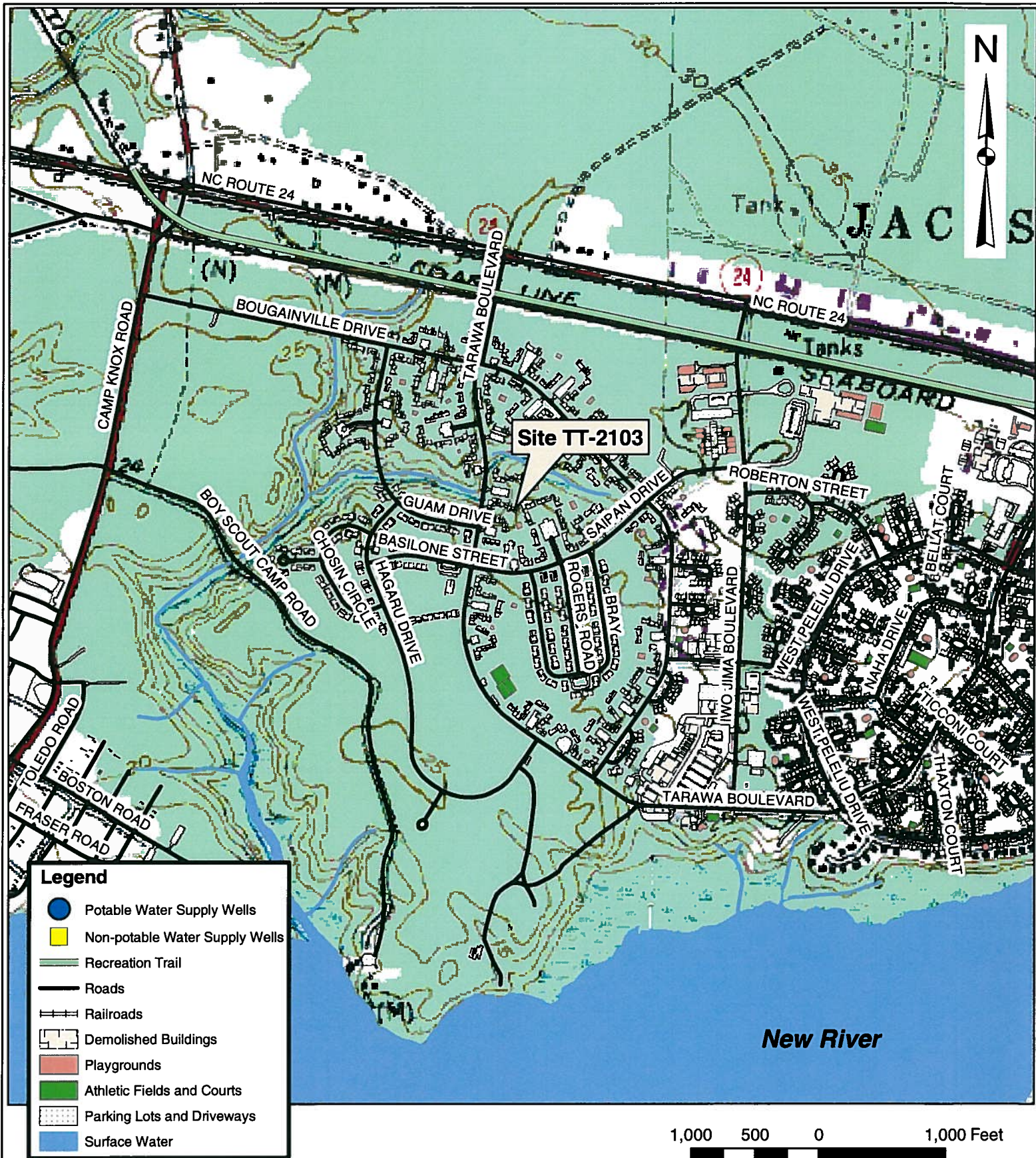
MSCC = Maximum Soil Contaminant Concentration

= Health-Based Level (>100%)

= Considered Immobile

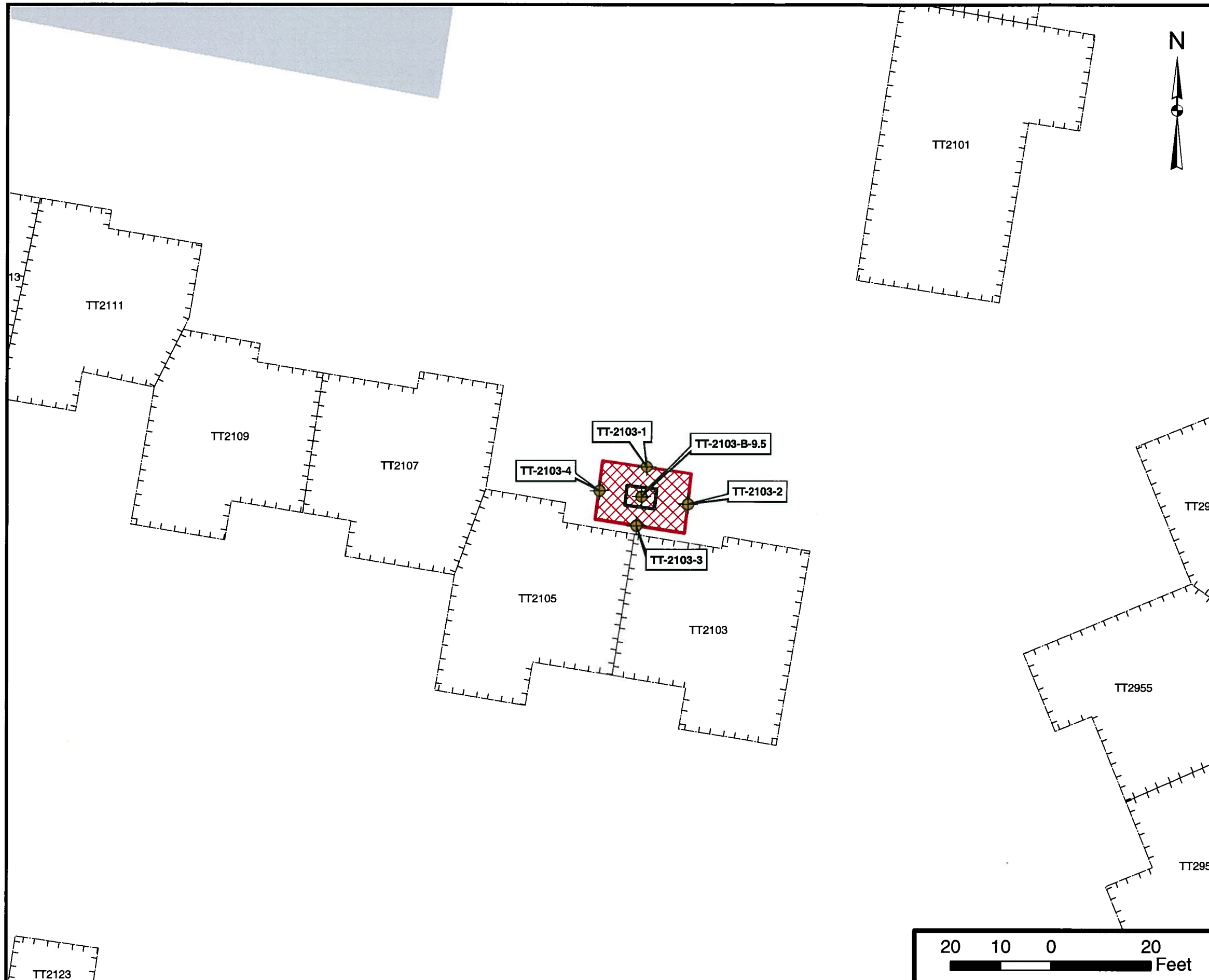
* = The value represents the sum of the reported practical quantitation limit of one fraction and the detected concentration of the other fraction.

FIGURES



Data Sources: Data Layers provided by MCB Camp Lejeune GIS Office.

 CATLIN Engineers and Scientists 220 Old Dairy Road Wilmington, NC 28405 Corporate Licensure No. for Engineering Services C-0585	PROJECT SITE TT-2103 IAA REPORT MARINE CORPS BASE CAMP LEJEUNE, NC		TITLE USGS TOPOGRAPHIC SITE VICINITY MAP		FIGURE
	JOB NO. 209-112	DATE JAN 2010	SCALE AS SHOWN	DRAWN BY SAC	CHECKED BY BA



SITE TT-2103 **IAA REPORT** **MARINE CORPS BASE** **CAMP LEJEUNE, NC**



LEGEND

- | | |
|-----------------------|-------------------------------------|
| Tank Excavation Area | Demolished Buildings and Structures |
| Former UST | Slabs |
| Soil Sample Locations | Driveways |
| | Roads |
| | Woods |

NOTES

1. Data layers provided by MCB Camp Lejeune GIS office.
2. Excavation dimensions were approximately 18 feet by 12 feet by 9.5 feet deep.
3. Tank location, excavation boundary and soil sample locations based on site sketch provided by TMS personnel.

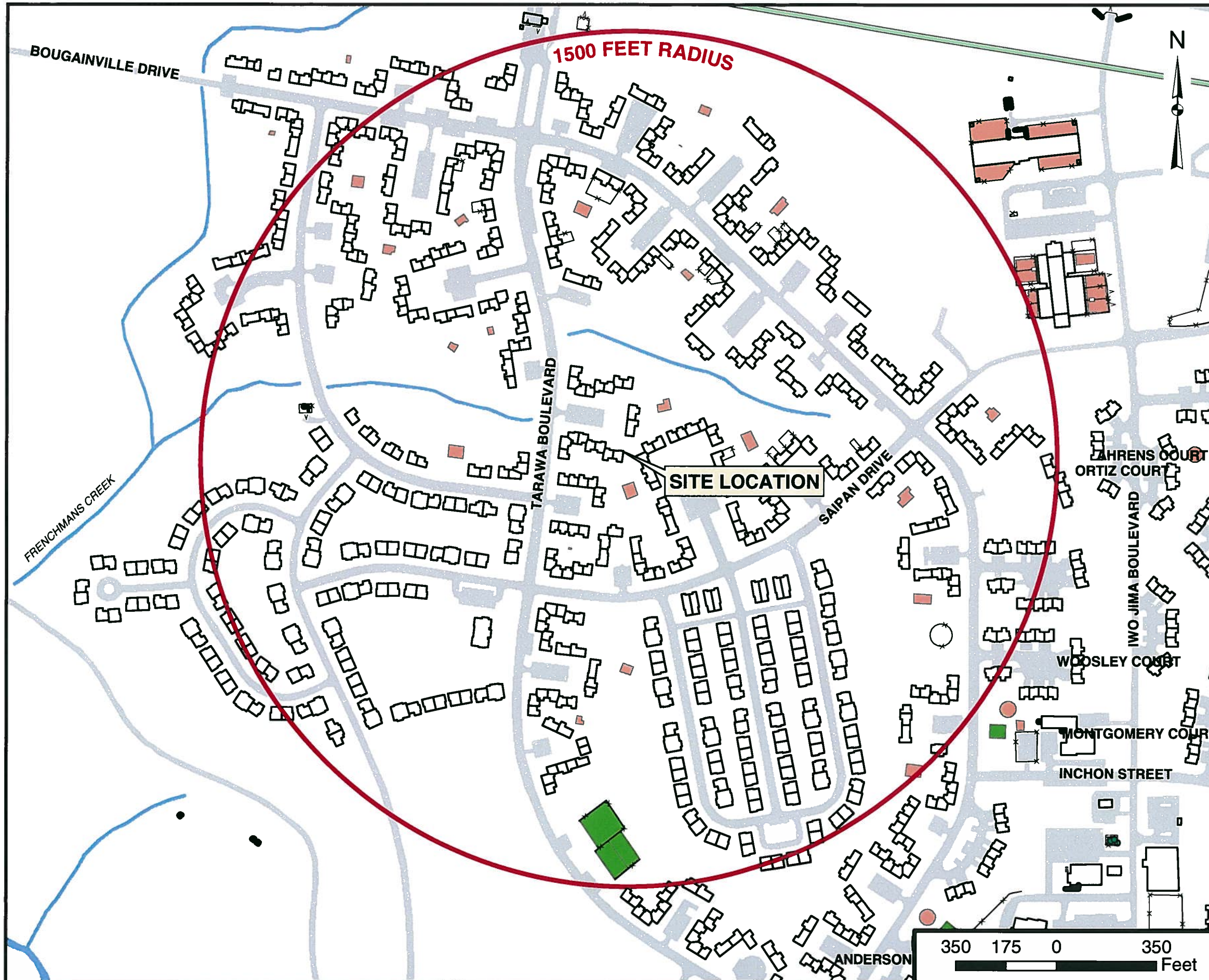


SITE MAP WITH **SOIL SAMPLE LOCATIONS**

FIGURE

2

Job No.: 209-112	Date: JAN 2010	Scale: AS SHOWN	Drawn By: SAC	Checked By: BA
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**SITE TT-2103
IAA REPORT
MARINE CORPS BASE
CAMP LEJEUNE, NC**



LEGEND

- | | |
|----------------------------------|----------------------------|
| ● Water Supply Wells | ▭ Buildings and Structures |
| ■ Non-potable Water Supply Wells | ▭ Slabs |
| — Recreation Trail | ▭ Driveways |
| ■ Playgrounds | ▭ Parking Lots |
| ■ Athletic Fields and Courts | ▭ Roads |
| — Creeks and Streams | |

NOTES

1. Data layers provided by MCB Camp Lejeune GIS office.



**SITE MAP WITH
POTENTIAL RECEPTORS**

FIGURE

3

Job No.: 209-112	Date: JAN 2010	Scale: AS SHOWN	Drawn By: SAC	Checked By: BA
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APPENDICES

APPENDIX A

UST-61 – 24-HOUR RELEASE AND UST LEAK REPORTING FORM

UST-61**24-Hour Release and UST Leak Reporting Form.****For Releases
in NC**

This form should be completed and submitted to the UST Section's regional office following a known or suspected release from an underground storage tank (UST) system. This form is required to be submitted within 24 hours of discovery of a known or suspected release

(DWM USE ONLY)
Incident # _____ Risk (H,I,L,U) _____
Received On _____ Received By _____
Reported by (circle one): Phone, Fax or Report
Region _____

Suspected Contamination? (Y/N) Y
Confirmed GW Contamination? (Y/N) N
Confirmed Soil Contamination? (Y/N) Y
Samples Taken? (Y/N) Y
Free Product? (Y/N) N If Yes, State Greatest
Thickness _____

Facility ID Number _____
Date Leak Discovered 11/30/09
Comm Non-Commercial
Reg Non-regulated

INCIDENT DESCRIPTION

Incident Name: TT-2103 Tank Removal

Address: TT-2103 Tarawa Terrace Blvd

County: Onslow

City/Town: Camp Lejeune

Zip Code: 28542

Regional Office (circle one): Asheville, Mooresville, Fayetteville,
Raleigh, Washington, Wilmington, Winston-Salem

Latitude (decimal degrees): 34 44' 14.48" N Longitude (decimal degrees): 77 22' 42.66" W

Briefly describe suspected or confirmed release: (including but not limited to: nature of release, date of release, amount of release, amount of free product present and recovery efforts, initial responses conducted, impacts to receptors)

Type of release: #2 Heating Oil. Date/Amount of release

unknown. Samples taken per UST Guidelines. All samples

were below NC DENR action levels. No impacts to receptors

suspected. NFA and site closure proposed. UST-12 Report

to follow.

Obtained by:

- ☐ GPS
☐ Topographic map
☒ GIS Address matching
☐ Other
☐ Unknown

Describe location:

HOW RELEASE WAS DISCOVERED (Release Code)

(Check one)

- ☐ Release Detection Equipment or Methods
☐ During UST Closure/Removal
☒ Property Transfer

- ☐ Visual/Odor
☐ Water in Tank
☐ Water Supply Well Contamination

- ☐ Groundwater Contamination
☐ Surface Water Contamination
☐ Other (specify) _____

SOURCE OF CONTAMINATION**Source of Release**

(Check one to indicate primary source)

- ☒ Tank
☐ Piping
☐ Dispenser
☐ Submersible Turbine Pump
☐ Delivery Problem
☐ Other
☐ Unknown

Definitions presented on reverse

Cause of Release

(Check one to indicate primary cause)

- ☐ Spill
☐ Overfill
☐ Corrosion
☐ Physical or Mechanical Damage
☐ Install Problem
☐ Other
☒ Unknown

Definitions presented on reverse

Type of Release

(Check one)

- ☒ Petroleum
☐ Non-Petroleum
☐ Both

Location
(Check one)

- ☐ Facility
☒ Residence
☐ Other

Product Type Released

(Check one to indicate primary product type released)

- ☐ Gasoline/ Diesel/ Kerosene
☒ Heating Oil
☐ Other Petroleum Products
☐ Metals
☐ Other Inorganics
☐ Other Organics
☐ Diesel/Veg. Oil Blend
☐ Vegetable Oil 100%
☐ E10 - E20
☐ E21 - E84
☐ E85 - E99
☐ Ethanol 100%
☐ E01 - E09

Ownership

1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

Operation Type

1. Public Service 2. Agricultural 3. Residential 4. Education/Relig. 5. Industrial 6. Commercial 7. Mining

IMPACT ON DRINKING WATER SUPPLIES

Water Supply Wells Affected? 1. Yes 2. **(No)** 3. Unknown

Number of Water Supply Wells Affected _____

Water Supply Wells Contaminated: *(Include Users Names, Addresses and Phone Numbers. Attach additional sheet if necessary)*

- 1.
- 2.
- 3.

UST SYSTEM OWNER

UST Owner/Company
Commanding Officer, Marine Corps Base, Camp Lejeune

Point of Contact Bruce Markwick		Address Bldg 12, Post Lane	
City Camp Lejeune	State NC	Zip Code 28542	Telephone Number 910 451-9660

UST SYSTEM OPERATOR

UST Operator/Company Same as above		Address	
City	State	Zip Code	Telephone Number

LANDOWNER AT LOCATION OF UST INCIDENT

Landowner Same as above		Address	
City	State	Zip Code	Telephone Number

Draw Sketch of Area (showing two major road intersections) or Attach Map

SEE ATTACHED

Person Reporting Incident Bruce Markwick	Company Environmental Management Division	Telephone Number 910 451-9660
Title Environmental Protection Specialist	Address Bldg 12 Post Lane	Date 12/22/2009

UST Form 61 (02/08)

Page 2 of 2

Definitions of Sources

Tank: means the tank that stores the product and is part of the underground storage tank system

Piping: means the piping and connectors running from the tank or submersible turbine pump to the dispenser or other end-use equipment (Vent, vapor recovery, or fill lines are excluded.)

Dispenser: includes the dispenser and the equipment used to connect the dispenser to the piping (e.g., a release from a suction pump or from components located above the shear valve)

Submersible Turbine Pump (STP) Area includes the submersible turbine pump head (typically located in the tank sump), the line leak detector, and the piping that connects the submersible turbine pump to the tank

Delivery Problem: identifies releases that occurred during product delivery to the tank. (Typical causes associated with this source are spills and overfills.)

Other: serves as the option to use when the release source is known but does not fit into one of the preceding categories (e.g., for releases from vent lines, vapor recovery lines, and fill lines)

Unknown: identifies releases for which the source has not been determined

Definitions of Causes

Spill: use this cause when a spill occurs (e.g., when the delivery hose is disconnected from the tank fill pipe or when the nozzle is removed from the dispenser)

Overfill: use when an overfill occurs (e.g., overfills may occur from the fill pipe at the tank or when the nozzle fails to shut off at the dispenser)

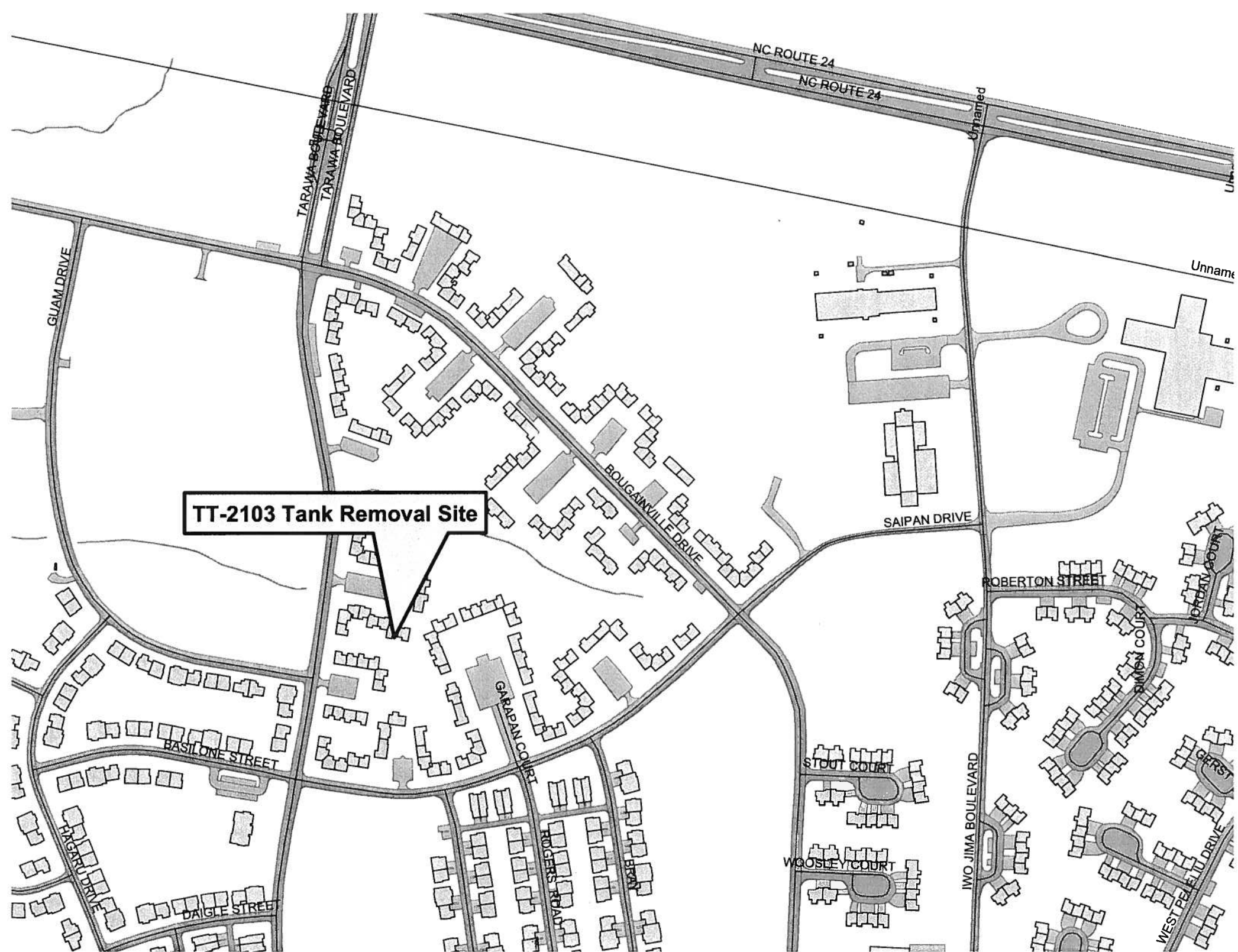
Physical or Mechanical Damage: use for all types of physical or mechanical damage, except corrosion (e.g., puncture of tank or piping, loose fittings, broken components, and components that have changed dimension)

Corrosion: use when a metal tank, piping, or other component has a release due to corrosion (e.g., for steel, corrosion takes the form of rust)

Installation Problem: use when the problem is determined to have occurred specifically because the UST system was not installed properly

Other: use this option when the cause is known but does not fit into one of the preceding categories (e.g., putting regulated substances into monitoring wells)

Unknown: use when the cause has not been determined



APPENDIX B

UST-2 – SITE INVESTIGATION REPORT FOR PERMANENT CLOSURE OF UST

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

ID # _____

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

II. LOCATION OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity) Commanding Officer Marine Corps Base		Facility Name or Company Tarawa Terrace Housing	
Street Address PSC 20004		Facility ID # (if known) N/A	
City MCB Camp Lejeune	County Onslow	Street Address TT-2103 Tarawa Terrace Blvd.	
State NC	Zip Code 28542-0004	City MCB Camp Lejeune	County Onslow
Phone Number 910-451-5068		Zip Code 28542	
Phone Number 910-451-5068		Phone Number None	

III. CONTACT PERSONNEL

Contact for Facility: Bruce Markwick		Job Title: Environmental Protection Specialist	Phone No: 910-451-9660
Closure Contractor Name: Rob Finley	Closure Contractor Company: TMS	Address: Laydown Area-Gas House Rd Cherry Pt	Phone No: 252-447-1700
Primary Consultant Name: Michael E. Mason, PE	Primary Consultant Company: CATLIN	Address: 220 Old Dairy Rd.-Wilmington, NC	Phone No: 910-452-5861

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		Free product		Notable odor or visible soil contamination	
							Yes	No	Yes	No	Yes	No
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

VI. UST INFORMATION FOR UNREGISTERED UST SYSTEMS

VII. EXCAVATION CONDITION

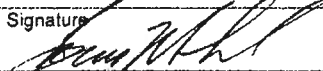
Tank ID No.	Size in Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Tank Owner Name *	Water in excavation		Free product		Notable odor or visible soil contamination	
							Yes	No	Yes	No	Yes	No
1	550	4' x 6'	Heating Oil	Unknown	11/30/09	See Above	☐	☒	☐	☒	☒	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

* 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
Bruce Markwick, MCB Camp Lejeune Environmental Specialist, Project Manager

Signature 

Date Signed
01/06/2010

APPENDIX C

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

December 17, 2009

Rob Finley
MEC Corp.
1305 Lejeune Blvd
Jacksonville, NC 28540

RE: Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Dear Rob Finley:

Enclosed are the analytical results for sample(s) received by the laboratory on December 03, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

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

Sincerely,



Ashley Nifong

ashley.nifong@pacelabs.com
Project Manager

Enclosures

cc: Mike Rohrer, MEC Corp.

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Ormond Beach Certification IDs

8 East Tower Circle Ormond Beach, FL 32174
Wyoming Certification: FL NELAC Reciprocity
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH 0216
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: LA090012
Maine Certification #: FL1264

Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Virginia Certification #: 00432
Texas Certification: FL NELAC Reciprocity
Tennessee Certification #: TN02974
Puerto Rico Certification #: FL01264
Pennsylvania Certification #: 68-547
North Carolina Certification #: 12710
New York Certification #: 11608
New Jersey Certification #: FL765
New Hampshire Certification #: 2958
Nevada Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Mississippi Certification: FL NELAC Reciprocity

Charlotte Certification IDs

West Virginia Certification #: 357
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana/LELAP Certification #: 04034
New Jersey Certification #: NC012
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12
Pennsylvania Certification #: 68-00784
South Carolina Certification #: 990060001
South Carolina Drinking Water Cert. #: 990060003
Tennessee Certification #: 04010
Virginia Certification #: 00213
9800 Kinney Ave. - Ste 100 Huntersville, NC 28078

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9258741001	TT-2103-1	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9258741002	TT-2103-2	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9258741003	TT-2103-3	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9258741004	TT-2103-4	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9258741005	TT-2103-B-9.5	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9258741006	TT-2089-1	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9258741007	TT-2089-2	EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
9258741008	TT-2089-3	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
9258741009	TT-2089-4	MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
9258741010	TT-2089-B	EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-1 Lab ID: 9258741001 Collected: 11/30/09 11:15 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.1	1	12/07/09 12:01	12/09/09 09:58	68334-30-5	
n-Pentacosane (S)	82 %		50-135	1	12/07/09 12:01	12/09/09 09:58	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.2	1	12/07/09 11:45	12/10/09 04:54		
Aliphatic (C19-C36)	ND mg/kg		12.2	1	12/07/09 11:45	12/10/09 04:54		
Aromatic (C11-C22)	ND mg/kg		12.2	1	12/07/09 11:45	12/10/09 04:54		
Nonatriacontane (S)	71 %		40-140	1	12/07/09 11:45	12/10/09 04:54	7194-86-7	
o-Terphenyl (S)	86 %		40-140	1	12/07/09 11:45	12/10/09 04:54	84-15-1	
2-Fluorobiphenyl (S)	99 %		40-140	1	12/07/09 11:45	12/10/09 04:54	321-60-8	
2-Bromonaphthalene (S)	100 %		40-140	1	12/07/09 11:45	12/10/09 04:54	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		6.1	1	12/07/09 03:55	12/10/09 03:50	8006-61-9	
4-Bromofluorobenzene (S)	119 %		50-135	1	12/07/09 03:55	12/10/09 03:50	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.7	1	12/08/09 03:54	12/10/09 00:32		
Aliphatic (C09-C12)	ND mg/kg		9.7	1	12/08/09 03:54	12/10/09 00:32		
Aromatic (C09-C10)	ND mg/kg		9.7	1	12/08/09 03:54	12/10/09 00:32		
2,5-Dibromotoluene (PID)(S)	159 %		70-130	1	12/08/09 03:54	12/10/09 00:32		S3
2,5-Dibromotoluene (FID)(S)	148 %		70-130	1	12/08/09 03:54	12/10/09 00:32		S3
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	83-32-9	
Acenaphthylene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	208-96-8	
Anthracene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	101-55-3	
Butylbenzylphthalate	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		661	1	12/08/09 20:27	12/12/09 03:37	59-50-7	
4-Chloroaniline	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	108-60-1	
2-Chloronaphthalene	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	91-58-7	
2-Chlorophenol	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	7005-72-3	
Chrysene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.6	1	12/08/09 20:27	12/12/09 03:37	53-70-3	
Dibenzofuran	ND ug/kg		168	1	12/08/09 20:27	12/12/09 03:37	132-64-9	

Date: 12/17/2009 07:24 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-1 **Lab ID:** 9258741001 **Collected:** 11/30/09 11:15 **Received:** 12/03/09 09:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	661	1	12/08/09 20:27	12/12/09 03:37	91-94-1	L1
2,4-Dichlorophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	120-83-2	
Diethylphthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	105-67-9	
Dimethylphthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	131-11-3	
Di-n-butylphthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	661	1	12/08/09 20:27	12/12/09 03:37	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	661	1	12/08/09 20:27	12/12/09 03:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	606-20-2	
Di-n-octylphthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	117-81-7	
Fluoranthene	ND	ug/kg	32.6	1	12/08/09 20:27	12/12/09 03:37	206-44-0	
Fluorene	ND	ug/kg	32.6	1	12/08/09 20:27	12/12/09 03:37	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	87-68-3	
Hexachlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	661	1	12/08/09 20:27	12/12/09 03:37	77-47-4	
Hexachloroethane	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.6	1	12/08/09 20:27	12/12/09 03:37	193-39-5	
Isophorone	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.6	1	12/08/09 20:27	12/12/09 03:37	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.6	1	12/08/09 20:27	12/12/09 03:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37		
Naphthalene	ND	ug/kg	32.6	1	12/08/09 20:27	12/12/09 03:37	91-20-3	
2-Nitroaniline	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	88-74-4	
3-Nitroaniline	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	99-09-2	
4-Nitroaniline	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	100-01-6	
Nitrobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	98-95-3	
2-Nitrophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	88-75-5	
4-Nitrophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	86-30-6	
Pentachlorophenol	ND	ug/kg	661	1	12/08/09 20:27	12/12/09 03:37	87-86-5	
Phenanthrene	ND	ug/kg	32.6	1	12/08/09 20:27	12/12/09 03:37	85-01-8	
Phenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	108-95-2	
Pyrene	ND	ug/kg	32.6	1	12/08/09 20:27	12/12/09 03:37	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 03:37	88-06-2	
Nitrobenzene-d5 (S)	63 %		10-110	1	12/08/09 20:27	12/12/09 03:37	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-1 Lab ID: 9258741001 Collected: 11/30/09 11:15 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	68 %		18-110	1	12/08/09 20:27	12/12/09 03:37	321-60-8	
Terphenyl-d14 (S)	86 %		10-123	1	12/08/09 20:27	12/12/09 03:37	1718-51-0	
Phenol-d6 (S)	59 %		10-110	1	12/08/09 20:27	12/12/09 03:37	13127-88-3	
2-Fluorophenol (S)	59 %		18-110	1	12/08/09 20:27	12/12/09 03:37	367-12-4	
2,4,6-Tribromophenol (S)	81 %		10-110	1	12/08/09 20:27	12/12/09 03:37	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND ug/kg		88.7	1		12/04/09 22:14	67-64-1	
Benzene	ND ug/kg		4.4	1		12/04/09 22:14	71-43-2	
Bromobenzene	ND ug/kg		4.4	1		12/04/09 22:14	108-86-1	
Bromochloromethane	ND ug/kg		4.4	1		12/04/09 22:14	74-97-5	
Bromodichloromethane	ND ug/kg		4.4	1		12/04/09 22:14	75-27-4	
Bromoform	ND ug/kg		4.4	1		12/04/09 22:14	75-25-2	
Bromomethane	ND ug/kg		8.9	1		12/04/09 22:14	74-83-9	
2-Butanone (MEK)	ND ug/kg		88.7	1		12/04/09 22:14	78-93-3	
n-Butylbenzene	ND ug/kg		4.4	1		12/04/09 22:14	104-51-8	
sec-Butylbenzene	ND ug/kg		4.4	1		12/04/09 22:14	135-98-8	
tert-Butylbenzene	ND ug/kg		4.4	1		12/04/09 22:14	98-06-6	
Carbon tetrachloride	ND ug/kg		4.4	1		12/04/09 22:14	56-23-5	
Chlorobenzene	ND ug/kg		4.4	1		12/04/09 22:14	108-90-7	
Chloroethane	ND ug/kg		8.9	1		12/04/09 22:14	75-00-3	
Chloroform	ND ug/kg		4.4	1		12/04/09 22:14	67-66-3	
Chloromethane	ND ug/kg		8.9	1		12/04/09 22:14	74-87-3	
2-Chlorotoluene	ND ug/kg		4.4	1		12/04/09 22:14	95-49-8	
4-Chlorotoluene	ND ug/kg		4.4	1		12/04/09 22:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.4	1		12/04/09 22:14	96-12-8	
Dibromochloromethane	ND ug/kg		4.4	1		12/04/09 22:14	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.4	1		12/04/09 22:14	106-93-4	
Dibromomethane	ND ug/kg		4.4	1		12/04/09 22:14	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.4	1		12/04/09 22:14	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.4	1		12/04/09 22:14	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.4	1		12/04/09 22:14	106-46-7	
Dichlorodifluoromethane	ND ug/kg		8.9	1		12/04/09 22:14	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.4	1		12/04/09 22:14	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.4	1		12/04/09 22:14	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.4	1		12/04/09 22:14	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.4	1		12/04/09 22:14	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.4	1		12/04/09 22:14	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.4	1		12/04/09 22:14	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.4	1		12/04/09 22:14	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.4	1		12/04/09 22:14	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.4	1		12/04/09 22:14	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.4	1		12/04/09 22:14	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.4	1		12/04/09 22:14	10061-02-6	
Diisopropyl ether	ND ug/kg		4.4	1		12/04/09 22:14	108-20-3	
Ethylbenzene	ND ug/kg		4.4	1		12/04/09 22:14	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-1 Lab ID: 9258741001 Collected: 11/30/09 11:15 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		12/04/09 22:14	87-68-3	
2-Hexanone	ND	ug/kg	44.3	1		12/04/09 22:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		12/04/09 22:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		12/04/09 22:14	99-87-6	
Methylene Chloride	ND	ug/kg	17.7	1		12/04/09 22:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	44.3	1		12/04/09 22:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		12/04/09 22:14	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		12/04/09 22:14	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		12/04/09 22:14	103-65-1	
Styrene	ND	ug/kg	4.4	1		12/04/09 22:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/04/09 22:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/04/09 22:14	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		12/04/09 22:14	127-18-4	
Toluene	ND	ug/kg	4.4	1		12/04/09 22:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		12/04/09 22:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		12/04/09 22:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		12/04/09 22:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		12/04/09 22:14	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		12/04/09 22:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		12/04/09 22:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		12/04/09 22:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		12/04/09 22:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		12/04/09 22:14	108-67-8	
Vinyl acetate	ND	ug/kg	44.3	1		12/04/09 22:14	108-05-4	
Vinyl chloride	ND	ug/kg	8.9	1		12/04/09 22:14	75-01-4	
Xylene (Total)	ND	ug/kg	8.9	1		12/04/09 22:14	1330-20-7	
m&p-Xylene	ND	ug/kg	8.9	1		12/04/09 22:14	1330-20-7	
o-Xylene	ND	ug/kg	4.4	1		12/04/09 22:14	95-47-6	
Dibromofluoromethane (S)	102 %		79-116	1		12/04/09 22:14	1868-53-7	
Toluene-d8 (S)	102 %		88-110	1		12/04/09 22:14	2037-26-5	
4-Bromofluorobenzene (S)	96 %		74-115	1		12/04/09 22:14	460-00-4	
1,2-Dichloroethane-d4 (S)	120 %		69-121	1		12/04/09 22:14	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	17.8 %		0.10	1		12/04/09 09:05		

ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-2 Lab ID: 9258741002 Collected: 11/30/09 11:25 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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8015 GCS THC-Diesel

Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546

Diesel Components	ND mg/kg		5.8	1	12/03/09 13:45	12/04/09 02:52	68334-30-5	
n-Pentacosane (S)	44 %		50-135	1	12/03/09 13:45	12/04/09 02:52	629-99-2	S2

MADEP EPH NC Soil

Analytical Method: MADEP EPH Preparation Method: MADEP EPH

Aliphatic (C09-C18)	ND mg/kg		11.6	1	12/07/09 11:45	12/10/09 05:28		
Aliphatic (C19-C36)	ND mg/kg		11.6	1	12/07/09 11:45	12/10/09 05:28		
Aromatic (C11-C22)	ND mg/kg		11.6	1	12/07/09 11:45	12/10/09 05:28		
Nonatriacontane (S)	66 %		40-140	1	12/07/09 11:45	12/10/09 05:28	7194-86-7	
o-Terphenyl (S)	68 %		40-140	1	12/07/09 11:45	12/10/09 05:28	84-15-1	
2-Fluorobiphenyl (S)	93 %		40-140	1	12/07/09 11:45	12/10/09 05:28	321-60-8	
2-Bromonaphthalene (S)	94 %		40-140	1	12/07/09 11:45	12/10/09 05:28	580-13-2	

Gasoline Range Organics

Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B

Gasoline Range Organics	ND mg/kg		6.0	1	12/07/09 03:55	12/10/09 04:15	8006-61-9	
4-Bromofluorobenzene (S)	125 %		50-135	1	12/07/09 03:55	12/10/09 04:15	460-00-4	

VPH NC Soil

Analytical Method: MADEP VPH Preparation Method: MADEP VPH

Aliphatic (C05-C08)	ND mg/kg		9.6	1	12/08/09 03:54	12/10/09 00:57		
Aliphatic (C09-C12)	ND mg/kg		9.6	1	12/08/09 03:54	12/10/09 00:57		
Aromatic (C09-C10)	ND mg/kg		9.6	1	12/08/09 03:54	12/10/09 00:57		
2,5-Dibromotoluene (PID)(S)	162 %		70-130	1	12/08/09 03:54	12/10/09 00:57		S3
2,5-Dibromotoluene (FID)(S)	149 %		70-130	1	12/08/09 03:54	12/10/09 00:57		S3

8270 MSSV Full List Microwave

Analytical Method: EPA 8270

Acenaphthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 04:03	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	132-64-9	

ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-2 Lab ID: 9258741002 Collected: 11/30/09 11:25 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		666	1	12/08/09 20:27	12/12/09 04:03	91-94-1	L1
2,4-Dichlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	120-83-2	
Diethylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	84-66-2	
2,4-Dimethylphenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	105-67-9	
Dimethylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	131-11-3	
Di-n-butylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 04:03	534-52-1	
2,4-Dinitrophenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 04:03	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	606-20-2	
Di-n-octylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	117-84-0	
1,2-Diphenylhydrazine	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	122-66-7	
bis(2-Ethylhexyl)phthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	117-81-7	
Fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	206-44-0	
Fluorene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	87-68-3	
Hexachlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		666	1	12/08/09 20:27	12/12/09 04:03	77-47-4	
Hexachloroethane	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	193-39-5	
Isophorone	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	78-59-1	
1-Methylnaphthalene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	90-12-0	
2-Methylnaphthalene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03		
Naphthalene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	91-20-3	
2-Nitroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	88-74-4	
3-Nitroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	99-09-2	
4-Nitroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	100-01-6	
Nitrobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	98-95-3	
2-Nitrophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	88-75-5	
4-Nitrophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	100-02-7	
N-Nitrosodimethylamine	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	621-64-7	
N-Nitrosodiphenylamine	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	86-30-6	
Pentachlorophenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 04:03	87-86-5	
Phenanthrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	85-01-8	
Phenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	108-95-2	
Pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 04:03	129-00-0	
1,2,4-Trichlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	120-82-1	
2,4,5-Trichlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	95-95-4	
2,4,6-Trichlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:03	88-06-2	
Nitrobenzene-d5 (S)	71 %		10-110	1	12/08/09 20:27	12/12/09 04:03	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-2 Lab ID: 9258741002 Collected: 11/30/09 11:25 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	74 %		18-110	1	12/08/09 20:27	12/12/09 04:03	321-60-8	
Terphenyl-d14 (S)	83 %		10-123	1	12/08/09 20:27	12/12/09 04:03	1718-51-0	
Phenol-d6 (S)	68 %		10-110	1	12/08/09 20:27	12/12/09 04:03	13127-88-3	
2-Fluorophenol (S)	65 %		18-110	1	12/08/09 20:27	12/12/09 04:03	367-12-4	
2,4,6-Tribromophenol (S)	80 %		10-110	1	12/08/09 20:27	12/12/09 04:03	118-79-6	

8260/5035A Volatile Organics Analytical Method: EPA 8260

Acetone	ND ug/kg	98.1	1		12/04/09 22:33	67-64-1	
Benzene	ND ug/kg	4.9	1		12/04/09 22:33	71-43-2	
Bromobenzene	ND ug/kg	4.9	1		12/04/09 22:33	108-86-1	
Bromochloromethane	ND ug/kg	4.9	1		12/04/09 22:33	74-97-5	
Bromodichloromethane	ND ug/kg	4.9	1		12/04/09 22:33	75-27-4	
Bromoform	ND ug/kg	4.9	1		12/04/09 22:33	75-25-2	
Bromomethane	ND ug/kg	9.8	1		12/04/09 22:33	74-83-9	
2-Butanone (MEK)	ND ug/kg	98.1	1		12/04/09 22:33	78-93-3	
n-Butylbenzene	ND ug/kg	4.9	1		12/04/09 22:33	104-51-8	
sec-Butylbenzene	ND ug/kg	4.9	1		12/04/09 22:33	135-98-8	
tert-Butylbenzene	ND ug/kg	4.9	1		12/04/09 22:33	98-06-6	
Carbon tetrachloride	ND ug/kg	4.9	1		12/04/09 22:33	56-23-5	
Chlorobenzene	ND ug/kg	4.9	1		12/04/09 22:33	108-90-7	
Chloroethane	ND ug/kg	9.8	1		12/04/09 22:33	75-00-3	
Chloroform	ND ug/kg	4.9	1		12/04/09 22:33	67-66-3	
Chloromethane	ND ug/kg	9.8	1		12/04/09 22:33	74-87-3	
2-Chlorotoluene	ND ug/kg	4.9	1		12/04/09 22:33	95-49-8	
4-Chlorotoluene	ND ug/kg	4.9	1		12/04/09 22:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg	4.9	1		12/04/09 22:33	96-12-8	
Dibromochloromethane	ND ug/kg	4.9	1		12/04/09 22:33	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg	4.9	1		12/04/09 22:33	106-93-4	
Dibromomethane	ND ug/kg	4.9	1		12/04/09 22:33	74-95-3	
1,2-Dichlorobenzene	ND ug/kg	4.9	1		12/04/09 22:33	95-50-1	
1,3-Dichlorobenzene	ND ug/kg	4.9	1		12/04/09 22:33	541-73-1	
1,4-Dichlorobenzene	ND ug/kg	4.9	1		12/04/09 22:33	106-46-7	
Dichlorodifluoromethane	ND ug/kg	9.8	1		12/04/09 22:33	75-71-8	
1,1-Dichloroethane	ND ug/kg	4.9	1		12/04/09 22:33	75-34-3	
1,2-Dichloroethane	ND ug/kg	4.9	1		12/04/09 22:33	107-06-2	
1,1-Dichloroethene	ND ug/kg	4.9	1		12/04/09 22:33	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg	4.9	1		12/04/09 22:33	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg	4.9	1		12/04/09 22:33	156-60-5	
1,2-Dichloropropane	ND ug/kg	4.9	1		12/04/09 22:33	78-87-5	
1,3-Dichloropropane	ND ug/kg	4.9	1		12/04/09 22:33	142-28-9	
2,2-Dichloropropane	ND ug/kg	4.9	1		12/04/09 22:33	594-20-7	
1,1-Dichloropropene	ND ug/kg	4.9	1		12/04/09 22:33	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg	4.9	1		12/04/09 22:33	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg	4.9	1		12/04/09 22:33	10061-02-6	
Diisopropyl ether	ND ug/kg	4.9	1		12/04/09 22:33	108-20-3	
Ethylbenzene	ND ug/kg	4.9	1		12/04/09 22:33	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-2 Lab ID: 9258741002 Collected: 11/30/09 11:25 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		12/04/09 22:33	87-68-3	
2-Hexanone	ND	ug/kg	49.1	1		12/04/09 22:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		12/04/09 22:33	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		12/04/09 22:33	99-87-6	
Methylene Chloride	ND	ug/kg	19.6	1		12/04/09 22:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.1	1		12/04/09 22:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		12/04/09 22:33	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		12/04/09 22:33	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		12/04/09 22:33	103-65-1	
Styrene	ND	ug/kg	4.9	1		12/04/09 22:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		12/04/09 22:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		12/04/09 22:33	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		12/04/09 22:33	127-18-4	
Toluene	ND	ug/kg	4.9	1		12/04/09 22:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		12/04/09 22:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		12/04/09 22:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		12/04/09 22:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		12/04/09 22:33	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		12/04/09 22:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		12/04/09 22:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		12/04/09 22:33	96-18-4	
1,2,4-Trimethylbenzene	10.3	ug/kg	4.9	1		12/04/09 22:33	95-63-6	
1,3,5-Trimethylbenzene	5.1	ug/kg	4.9	1		12/04/09 22:33	108-67-8	
Vinyl acetate	ND	ug/kg	49.1	1		12/04/09 22:33	108-05-4	
Vinyl chloride	ND	ug/kg	9.8	1		12/04/09 22:33	75-01-4	
Xylene (Total)	10.6	ug/kg	9.8	1		12/04/09 22:33	1330-20-7	
m&p-Xylene	ND	ug/kg	9.8	1		12/04/09 22:33	1330-20-7	
o-Xylene	ND	ug/kg	4.9	1		12/04/09 22:33	95-47-6	
Dibromofluoromethane (S)	121	%	79-116	1		12/04/09 22:33	1868-53-7	S6
Toluene-d8 (S)	96	%	88-110	1		12/04/09 22:33	2037-26-5	
4-Bromofluorobenzene (S)	82	%	74-115	1		12/04/09 22:33	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	69-121	1		12/04/09 22:33	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	13.5	%	0.10	1		12/04/09 09:05		

ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-3 Lab ID: 9258741003 Collected: 11/30/09 10:40 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.6	1	12/07/09 12:01	12/09/09 09:58	68334-30-5	
n-Pentacosane (S)	64 %		50-135	1	12/07/09 12:01	12/09/09 09:58	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.3	1	12/07/09 11:45	12/10/09 06:01		
Aliphatic (C19-C36)	ND mg/kg		11.3	1	12/07/09 11:45	12/10/09 06:01		
Aromatic (C11-C22)	ND mg/kg		11.3	1	12/07/09 11:45	12/10/09 06:01		
Nonatriacontane (S)	69 %		40-140	1	12/07/09 11:45	12/10/09 06:01	7194-86-7	
o-Terphenyl (S)	72 %		40-140	1	12/07/09 11:45	12/10/09 06:01	84-15-1	
2-Fluorobiphenyl (S)	87 %		40-140	1	12/07/09 11:45	12/10/09 06:01	321-60-8	
2-Bromonaphthalene (S)	91 %		40-140	1	12/07/09 11:45	12/10/09 06:01	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		7.2	1	12/10/09 04:41	12/10/09 20:00	8006-61-9	
4-Bromofluorobenzene (S)	110 %		50-135	1	12/10/09 04:41	12/10/09 20:00	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		10.5	1	12/08/09 03:54	12/10/09 01:21		
Aliphatic (C09-C12)	ND mg/kg		10.5	1	12/08/09 03:54	12/10/09 01:21		
Aromatic (C09-C10)	ND mg/kg		10.5	1	12/08/09 03:54	12/10/09 01:21		
2,5-Dibromotoluene (PID)(S)	136 %		70-130	1	12/08/09 03:54	12/10/09 01:21		S3
2,5-Dibromotoluene (FID)(S)	120 %		70-130	1	12/08/09 03:54	12/10/09 01:21		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	83-32-9	
Acenaphthylene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	208-96-8	
Anthracene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	120-12-7	
Benzo(a)anthracene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	56-55-3	
Benzo(a)pyrene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	101-55-3	
Butylbenzylphthalate	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		670	1	12/08/09 20:27	12/12/09 04:29	59-50-7	
4-Chloroaniline	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	108-60-1	
2-Chloronaphthalene	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	91-58-7	
2-Chlorophenol	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	7005-72-3	
Chrysene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		33.0	1	12/08/09 20:27	12/12/09 04:29	53-70-3	
Dibenzofuran	ND ug/kg		170	1	12/08/09 20:27	12/12/09 04:29	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-3 Lab ID: 9258741003 Collected: 11/30/09 10:40 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	670	1	12/08/09 20:27	12/12/09 04:29	91-94-1	L1
2,4-Dichlorophenol	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	120-83-2	
Diethylphthalate	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	105-67-9	
Dimethylphthalate	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	131-11-3	
Di-n-butylphthalate	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	670	1	12/08/09 20:27	12/12/09 04:29	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	670	1	12/08/09 20:27	12/12/09 04:29	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	606-20-2	
Di-n-octylphthalate	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	117-81-7	
Fluoranthene	ND	ug/kg	33.0	1	12/08/09 20:27	12/12/09 04:29	206-44-0	
Fluorene	ND	ug/kg	33.0	1	12/08/09 20:27	12/12/09 04:29	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	87-68-3	
Hexachlorobenzene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	670	1	12/08/09 20:27	12/12/09 04:29	77-47-4	
Hexachloroethane	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	33.0	1	12/08/09 20:27	12/12/09 04:29	193-39-5	
Isophorone	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	78-59-1	
1-Methylnaphthalene	ND	ug/kg	33.0	1	12/08/09 20:27	12/12/09 04:29	90-12-0	
2-Methylnaphthalene	ND	ug/kg	33.0	1	12/08/09 20:27	12/12/09 04:29	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29		
Naphthalene	ND	ug/kg	33.0	1	12/08/09 20:27	12/12/09 04:29	91-20-3	
2-Nitroaniline	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	88-74-4	
3-Nitroaniline	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	99-09-2	
4-Nitroaniline	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	100-01-6	
Nitrobenzene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	98-95-3	
2-Nitrophenol	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	88-75-5	
4-Nitrophenol	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	86-30-6	
Pentachlorophenol	ND	ug/kg	670	1	12/08/09 20:27	12/12/09 04:29	87-86-5	
Phenanthrene	ND	ug/kg	33.0	1	12/08/09 20:27	12/12/09 04:29	85-01-8	
Phenol	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	108-95-2	
Pyrene	ND	ug/kg	33.0	1	12/08/09 20:27	12/12/09 04:29	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	170	1	12/08/09 20:27	12/12/09 04:29	88-06-2	
Nitrobenzene-d5 (S)	63 %		10-110	1	12/08/09 20:27	12/12/09 04:29	4165-60-0	

Date: 12/17/2009 07:24 PM

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-3 Lab ID: 9258741003 Collected: 11/30/09 10:40 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	71 %		18-110	1	12/08/09 20:27	12/12/09 04:29	321-60-8	
Terphenyl-d14 (S)	79 %		10-123	1	12/08/09 20:27	12/12/09 04:29	1718-51-0	
Phenol-d6 (S)	59 %		10-110	1	12/08/09 20:27	12/12/09 04:29	13127-88-3	
2-Fluorophenol (S)	53 %		18-110	1	12/08/09 20:27	12/12/09 04:29	367-12-4	
2,4,6-Tribromophenol (S)	82 %		10-110	1	12/08/09 20:27	12/12/09 04:29	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		91.4	1		12/04/09 22:51	67-64-1	
Benzene	ND ug/kg		4.6	1		12/04/09 22:51	71-43-2	
Bromobenzene	ND ug/kg		4.6	1		12/04/09 22:51	108-86-1	
Bromochloromethane	ND ug/kg		4.6	1		12/04/09 22:51	74-97-5	
Bromodichloromethane	ND ug/kg		4.6	1		12/04/09 22:51	75-27-4	
Bromoform	ND ug/kg		4.6	1		12/04/09 22:51	75-25-2	
Bromomethane	ND ug/kg		9.1	1		12/04/09 22:51	74-83-9	
2-Butanone (MEK)	ND ug/kg		91.4	1		12/04/09 22:51	78-93-3	
n-Butylbenzene	ND ug/kg		4.6	1		12/04/09 22:51	104-51-8	
sec-Butylbenzene	ND ug/kg		4.6	1		12/04/09 22:51	135-98-8	
tert-Butylbenzene	ND ug/kg		4.6	1		12/04/09 22:51	98-06-6	
Carbon tetrachloride	ND ug/kg		4.6	1		12/04/09 22:51	56-23-5	
Chlorobenzene	ND ug/kg		4.6	1		12/04/09 22:51	108-90-7	
Chloroethane	ND ug/kg		9.1	1		12/04/09 22:51	75-00-3	
Chloroform	ND ug/kg		4.6	1		12/04/09 22:51	67-66-3	
Chloromethane	ND ug/kg		9.1	1		12/04/09 22:51	74-87-3	
2-Chlorotoluene	ND ug/kg		4.6	1		12/04/09 22:51	95-49-8	
4-Chlorotoluene	ND ug/kg		4.6	1		12/04/09 22:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.6	1		12/04/09 22:51	96-12-8	
Dibromochloromethane	ND ug/kg		4.6	1		12/04/09 22:51	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.6	1		12/04/09 22:51	106-93-4	
Dibromomethane	ND ug/kg		4.6	1		12/04/09 22:51	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.6	1		12/04/09 22:51	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.6	1		12/04/09 22:51	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.6	1		12/04/09 22:51	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.1	1		12/04/09 22:51	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.6	1		12/04/09 22:51	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.6	1		12/04/09 22:51	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.6	1		12/04/09 22:51	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.6	1		12/04/09 22:51	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.6	1		12/04/09 22:51	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.6	1		12/04/09 22:51	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.6	1		12/04/09 22:51	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.6	1		12/04/09 22:51	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.6	1		12/04/09 22:51	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.6	1		12/04/09 22:51	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.6	1		12/04/09 22:51	10061-02-6	
Diisopropyl ether	ND ug/kg		4.6	1		12/04/09 22:51	108-20-3	
Ethylbenzene	ND ug/kg		4.6	1		12/04/09 22:51	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-3 Lab ID: 9258741003 Collected: 11/30/09 10:40 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		12/04/09 22:51	87-68-3	
2-Hexanone	ND	ug/kg	45.7	1		12/04/09 22:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		12/04/09 22:51	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		12/04/09 22:51	99-87-6	
Methylene Chloride	ND	ug/kg	18.3	1		12/04/09 22:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.7	1		12/04/09 22:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		12/04/09 22:51	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		12/04/09 22:51	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		12/04/09 22:51	103-65-1	
Styrene	ND	ug/kg	4.6	1		12/04/09 22:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/04/09 22:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/04/09 22:51	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		12/04/09 22:51	127-18-4	
Toluene	ND	ug/kg	4.6	1		12/04/09 22:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		12/04/09 22:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		12/04/09 22:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		12/04/09 22:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		12/04/09 22:51	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		12/04/09 22:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		12/04/09 22:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		12/04/09 22:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		12/04/09 22:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		12/04/09 22:51	108-67-8	
Vinyl acetate	ND	ug/kg	45.7	1		12/04/09 22:51	108-05-4	
Vinyl chloride	ND	ug/kg	9.1	1		12/04/09 22:51	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	1		12/04/09 22:51	1330-20-7	
m&p-Xylene	ND	ug/kg	9.1	1		12/04/09 22:51	1330-20-7	
o-Xylene	ND	ug/kg	4.6	1		12/04/09 22:51	95-47-6	
Dibromofluoromethane (S)	107	%	79-116	1		12/04/09 22:51	1868-53-7	
Toluene-d8 (S)	101	%	88-110	1		12/04/09 22:51	2037-26-5	
4-Bromofluorobenzene (S)	95	%	74-115	1		12/04/09 22:51	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	69-121	1		12/04/09 22:51	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	11.2 %	0.10	1	12/04/09 09:05
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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-4 Lab ID: 9258741004 Collected: 11/30/09 11:42 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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8015 GCS THC-Diesel

Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546

Diesel Components	ND mg/kg		5.7	1	12/03/09 13:45	12/04/09 03:50	68334-30-5	
n-Pentacosane (S)	59 %		50-135	1	12/03/09 13:45	12/04/09 03:50	629-99-2	

MADEP EPH NC Soil

Analytical Method: MADEP EPH Preparation Method: MADEP EPH

Aliphatic (C09-C18)	ND mg/kg		11.4	1	12/07/09 11:45	12/10/09 06:35		
Aliphatic (C19-C36)	ND mg/kg		11.4	1	12/07/09 11:45	12/10/09 06:35		
Aromatic (C11-C22)	ND mg/kg		11.4	1	12/07/09 11:45	12/10/09 06:35		
Nonatriacontane (S)	69 %		40-140	1	12/07/09 11:45	12/10/09 06:35	7194-86-7	
o-Terphenyl (S)	68 %		40-140	1	12/07/09 11:45	12/10/09 06:35	84-15-1	
2-Fluorobiphenyl (S)	87 %		40-140	1	12/07/09 11:45	12/10/09 06:35	321-60-8	
2-Bromonaphthalene (S)	88 %		40-140	1	12/07/09 11:45	12/10/09 06:35	580-13-2	

Gasoline Range Organics

Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B

Gasoline Range Organics	ND mg/kg		5.9	1	12/10/09 04:41	12/10/09 20:49	8006-61-9	
4-Bromofluorobenzene (S)	114 %		50-135	1	12/10/09 04:41	12/10/09 20:49	460-00-4	

VPH NC Soil

Analytical Method: MADEP VPH Preparation Method: MADEP VPH

Aliphatic (C05-C08)	ND mg/kg		10.1	1	12/08/09 03:54	12/10/09 01:46		
Aliphatic (C09-C12)	ND mg/kg		10.1	1	12/08/09 03:54	12/10/09 01:46		
Aromatic (C09-C10)	ND mg/kg		10.1	1	12/08/09 03:54	12/10/09 01:46		
2,5-Dibromotoluene (PID)(S)	112 %		70-130	1	12/08/09 03:54	12/10/09 01:46		
2,5-Dibromotoluene (FID)(S)	104 %		70-130	1	12/08/09 03:54	12/10/09 01:46		

8270 MSSV Full List Microwave

Analytical Method: EPA 8270

Acenaphthene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	83-32-9	
Acenaphthylene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	208-96-8	
Anthracene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		668	1	12/08/09 20:27	12/12/09 04:55	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	7005-72-3	
Chrysene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.9	1	12/08/09 20:27	12/12/09 04:55	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/08/09 20:27	12/12/09 04:55	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-4 **Lab ID:** 9258741004 **Collected:** 11/30/09 11:42 **Received:** 12/03/09 09:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	668	1	12/08/09 20:27	12/12/09 04:55	91-94-1	L1
2,4-Dichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	120-83-2	
Diethylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	105-67-9	
Dimethylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	131-11-3	
Di-n-butylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	668	1	12/08/09 20:27	12/12/09 04:55	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	668	1	12/08/09 20:27	12/12/09 04:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	606-20-2	
Di-n-octylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	117-81-7	
Fluoranthene	ND	ug/kg	32.9	1	12/08/09 20:27	12/12/09 04:55	206-44-0	
Fluorene	ND	ug/kg	32.9	1	12/08/09 20:27	12/12/09 04:55	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	87-68-3	
Hexachlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	668	1	12/08/09 20:27	12/12/09 04:55	77-47-4	
Hexachloroethane	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.9	1	12/08/09 20:27	12/12/09 04:55	193-39-5	
Isophorone	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.9	1	12/08/09 20:27	12/12/09 04:55	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.9	1	12/08/09 20:27	12/12/09 04:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55		
Naphthalene	ND	ug/kg	32.9	1	12/08/09 20:27	12/12/09 04:55	91-20-3	
2-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	88-74-4	
3-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	99-09-2	
4-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	100-01-6	
Nitrobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	98-95-3	
2-Nitrophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	88-75-5	
4-Nitrophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	86-30-6	
Pentachlorophenol	ND	ug/kg	668	1	12/08/09 20:27	12/12/09 04:55	87-86-5	
Phenanthrene	ND	ug/kg	32.9	1	12/08/09 20:27	12/12/09 04:55	85-01-8	
Phenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	108-95-2	
Pyrene	ND	ug/kg	32.9	1	12/08/09 20:27	12/12/09 04:55	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 04:55	88-06-2	
Nitrobenzene-d5 (S)	64 %		10-110	1	12/08/09 20:27	12/12/09 04:55	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-4 Lab ID: 9258741004 Collected: 11/30/09 11:42 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	68 %		18-110	1	12/08/09 20:27	12/12/09 04:55	321-60-8	
Terphenyl-d14 (S)	85 %		10-123	1	12/08/09 20:27	12/12/09 04:55	1718-51-0	
Phenol-d6 (S)	59 %		10-110	1	12/08/09 20:27	12/12/09 04:55	13127-88-3	
2-Fluorophenol (S)	59 %		18-110	1	12/08/09 20:27	12/12/09 04:55	367-12-4	
2,4,6-Tribromophenol (S)	81 %		10-110	1	12/08/09 20:27	12/12/09 04:55	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		95.9	1		12/04/09 23:09	67-64-1	
Benzene	ND ug/kg		4.8	1		12/04/09 23:09	71-43-2	
Bromobenzene	ND ug/kg		4.8	1		12/04/09 23:09	108-86-1	
Bromochloromethane	ND ug/kg		4.8	1		12/04/09 23:09	74-97-5	
Bromodichloromethane	ND ug/kg		4.8	1		12/04/09 23:09	75-27-4	
Bromoform	ND ug/kg		4.8	1		12/04/09 23:09	75-25-2	
Bromomethane	ND ug/kg		9.6	1		12/04/09 23:09	74-83-9	
2-Butanone (MEK)	ND ug/kg		95.9	1		12/04/09 23:09	78-93-3	
n-Butylbenzene	ND ug/kg		4.8	1		12/04/09 23:09	104-51-8	
sec-Butylbenzene	ND ug/kg		4.8	1		12/04/09 23:09	135-98-8	
tert-Butylbenzene	ND ug/kg		4.8	1		12/04/09 23:09	98-06-6	
Carbon tetrachloride	ND ug/kg		4.8	1		12/04/09 23:09	56-23-5	
Chlorobenzene	ND ug/kg		4.8	1		12/04/09 23:09	108-90-7	
Chloroethane	ND ug/kg		9.6	1		12/04/09 23:09	75-00-3	
Chloroform	ND ug/kg		4.8	1		12/04/09 23:09	67-66-3	
Chloromethane	ND ug/kg		9.6	1		12/04/09 23:09	74-87-3	
2-Chlorotoluene	ND ug/kg		4.8	1		12/04/09 23:09	95-49-8	
4-Chlorotoluene	ND ug/kg		4.8	1		12/04/09 23:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.8	1		12/04/09 23:09	96-12-8	
Dibromochloromethane	ND ug/kg		4.8	1		12/04/09 23:09	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.8	1		12/04/09 23:09	106-93-4	
Dibromomethane	ND ug/kg		4.8	1		12/04/09 23:09	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.8	1		12/04/09 23:09	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.8	1		12/04/09 23:09	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.8	1		12/04/09 23:09	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.6	1		12/04/09 23:09	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.8	1		12/04/09 23:09	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.8	1		12/04/09 23:09	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.8	1		12/04/09 23:09	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.8	1		12/04/09 23:09	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.8	1		12/04/09 23:09	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.8	1		12/04/09 23:09	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.8	1		12/04/09 23:09	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.8	1		12/04/09 23:09	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.8	1		12/04/09 23:09	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.8	1		12/04/09 23:09	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.8	1		12/04/09 23:09	10061-02-6	
Diisopropyl ether	ND ug/kg		4.8	1		12/04/09 23:09	108-20-3	
Ethylbenzene	ND ug/kg		4.8	1		12/04/09 23:09	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-4 Lab ID: 9258741004 Collected: 11/30/09 11:42 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		12/04/09 23:09	87-68-3	
2-Hexanone	ND	ug/kg	48.0	1		12/04/09 23:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		12/04/09 23:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		12/04/09 23:09	99-87-6	
Methylene Chloride	ND	ug/kg	19.2	1		12/04/09 23:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.0	1		12/04/09 23:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		12/04/09 23:09	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		12/04/09 23:09	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		12/04/09 23:09	103-65-1	
Styrene	ND	ug/kg	4.8	1		12/04/09 23:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/04/09 23:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/04/09 23:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		12/04/09 23:09	127-18-4	
Toluene	ND	ug/kg	4.8	1		12/04/09 23:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		12/04/09 23:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		12/04/09 23:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		12/04/09 23:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		12/04/09 23:09	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		12/04/09 23:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		12/04/09 23:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		12/04/09 23:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		12/04/09 23:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		12/04/09 23:09	108-67-8	
Vinyl acetate	ND	ug/kg	48.0	1		12/04/09 23:09	108-05-4	
Vinyl chloride	ND	ug/kg	9.6	1		12/04/09 23:09	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		12/04/09 23:09	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		12/04/09 23:09	1330-20-7	
o-Xylene	ND	ug/kg	4.8	1		12/04/09 23:09	95-47-6	
Dibromofluoromethane (S)	105 %		79-116	1		12/04/09 23:09	1868-53-7	
Toluene-d8 (S)	100 %		88-110	1		12/04/09 23:09	2037-26-5	
4-Bromofluorobenzene (S)	94 %		74-115	1		12/04/09 23:09	460-00-4	
1,2-Dichloroethane-d4 (S)	107 %		69-121	1		12/04/09 23:09	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture	12.3 %	0.10	1	12/04/09 09:06
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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-B-9.5 Lab ID: 9258741005 Collected: 11/30/09 12:10 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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8015 GCS THC-Diesel

Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546

Diesel Components	356 mg/kg		5.8	1	12/03/09 13:45	12/04/09 08:50	68334-30-5	
n-Pentacosane (S)	120 %		50-135	1	12/03/09 13:45	12/04/09 08:50	629-99-2	

MADEP EPH NC Soil

Analytical Method: MADEP EPH Preparation Method: MADEP EPH

Aliphatic (C09-C18)	257 mg/kg		116	10	12/07/09 11:45	12/11/09 15:50		
Aliphatic (C19-C36)	ND mg/kg		116	10	12/07/09 11:45	12/11/09 15:50		
Aromatic (C11-C22)	180 mg/kg		23.1	2	12/07/09 11:45	12/10/09 20:24		
Nonatriacontane (S)	0 %		40-140	10	12/07/09 11:45	12/11/09 15:50	7194-86-7	S4
o-Terphenyl (S)	160 %		40-140	2	12/07/09 11:45	12/10/09 20:24	84-15-1	S5
2-Fluorobiphenyl (S)	152 %		40-140	2	12/07/09 11:45	12/10/09 20:24	321-60-8	S5
2-Bromonaphthalene (S)	212 %		40-140	2	12/07/09 11:45	12/10/09 20:24	580-13-2	S5

Gasoline Range Organics

Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B

Gasoline Range Organics	ND mg/kg		5.7	1	12/10/09 04:41	12/10/09 21:38	8006-61-9	
4-Bromofluorobenzene (S)	98 %		50-135	1	12/10/09 04:41	12/10/09 21:38	460-00-4	

VPH NC Soil

Analytical Method: MADEP VPH Preparation Method: MADEP VPH

Aliphatic (C05-C08)	ND mg/kg		8.5	1	12/08/09 03:54	12/10/09 02:10		
Aliphatic (C09-C12)	ND mg/kg		8.5	1	12/08/09 03:54	12/10/09 02:10		
Aromatic (C09-C10)	ND mg/kg		8.5	1	12/08/09 03:54	12/10/09 02:10		
2,5-Dibromotoluene (PID)(S)	139 %		70-130	1	12/08/09 03:54	12/10/09 02:10		S3
2,5-Dibromotoluene (FID)(S)	138 %		70-130	1	12/08/09 03:54	12/10/09 02:10		S3

8270 MSSV Full List Microwave

Analytical Method: EPA 8270

Acenaphthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 05:21	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:21	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:21	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-B-9.5 Lab ID: 9258741005 Collected: 11/30/09 12:10 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 05:21	91-94-1	L1
2,4-Dichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	120-83-2	
Diethylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	105-67-9	
Dimethylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	131-11-3	
Di-n-butylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 05:21	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 05:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	606-20-2	
Di-n-octylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	117-81-7	
Fluoranthene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 05:21	206-44-0	
Fluorene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 05:21	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	87-68-3	
Hexachlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 05:21	77-47-4	
Hexachloroethane	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 05:21	193-39-5	
Isophorone	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 05:21	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 05:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21		
Naphthalene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 05:21	91-20-3	
2-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	88-74-4	
3-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	99-09-2	
4-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	100-01-6	
Nitrobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	98-95-3	
2-Nitrophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	88-75-5	
4-Nitrophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	86-30-6	
Pentachlorophenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 05:21	87-86-5	
Phenanthrene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 05:21	85-01-8	
Phenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	108-95-2	IS
Pyrene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 05:21	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 05:21	88-06-2	
Nitrobenzene-d5 (S)	71	%	10-110	1	12/08/09 20:27	12/12/09 05:21	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2103-B-9.5 Lab ID: 9258741005 Collected: 11/30/09 12:10 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	76 %		18-110	1	12/08/09 20:27	12/12/09 05:21	321-60-8	
Terphenyl-d14 (S)	88 %		10-123	1	12/08/09 20:27	12/12/09 05:21	1718-51-0	
Phenol-d6 (S)	64 %		10-110	1	12/08/09 20:27	12/12/09 05:21	13127-88-3	
2-Fluorophenol (S)	66 %		18-110	1	12/08/09 20:27	12/12/09 05:21	367-12-4	
2,4,6-Tribromophenol (S)	83 %		10-110	1	12/08/09 20:27	12/12/09 05:21	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		3910	50		12/05/09 12:51	67-64-1	
Benzene	ND ug/kg		195	50		12/05/09 12:51	71-43-2	
Bromobenzene	ND ug/kg		195	50		12/05/09 12:51	108-86-1	
Bromochloromethane	ND ug/kg		195	50		12/05/09 12:51	74-97-5	
Bromodichloromethane	ND ug/kg		195	50		12/05/09 12:51	75-27-4	
Bromoform	ND ug/kg		195	50		12/05/09 12:51	75-25-2	
Bromomethane	ND ug/kg		391	50		12/05/09 12:51	74-83-9	
2-Butanone (MEK)	ND ug/kg		3910	50		12/05/09 12:51	78-93-3	
n-Butylbenzene	ND ug/kg		195	50		12/05/09 12:51	104-51-8	
sec-Butylbenzene	ND ug/kg		195	50		12/05/09 12:51	135-98-8	
tert-Butylbenzene	ND ug/kg		195	50		12/05/09 12:51	98-06-6	
Carbon tetrachloride	ND ug/kg		195	50		12/05/09 12:51	56-23-5	
Chlorobenzene	ND ug/kg		195	50		12/05/09 12:51	108-90-7	
Chloroethane	ND ug/kg		391	50		12/05/09 12:51	75-00-3	
Chloroform	ND ug/kg		195	50		12/05/09 12:51	67-66-3	
Chloromethane	ND ug/kg		391	50		12/05/09 12:51	74-87-3	
2-Chlorotoluene	ND ug/kg		195	50		12/05/09 12:51	95-49-8	
4-Chlorotoluene	ND ug/kg		195	50		12/05/09 12:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		195	50		12/05/09 12:51	96-12-8	
Dibromochloromethane	ND ug/kg		195	50		12/05/09 12:51	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		195	50		12/05/09 12:51	106-93-4	
Dibromomethane	ND ug/kg		195	50		12/05/09 12:51	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		195	50		12/05/09 12:51	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		195	50		12/05/09 12:51	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		195	50		12/05/09 12:51	106-46-7	
Dichlorodifluoromethane	ND ug/kg		391	50		12/05/09 12:51	75-71-8	
1,1-Dichloroethane	ND ug/kg		195	50		12/05/09 12:51	75-34-3	
1,2-Dichloroethane	ND ug/kg		195	50		12/05/09 12:51	107-06-2	
1,1-Dichloroethene	ND ug/kg		195	50		12/05/09 12:51	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		195	50		12/05/09 12:51	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		195	50		12/05/09 12:51	156-60-5	
1,2-Dichloropropane	ND ug/kg		195	50		12/05/09 12:51	78-87-5	
1,3-Dichloropropane	ND ug/kg		195	50		12/05/09 12:51	142-28-9	
2,2-Dichloropropane	ND ug/kg		195	50		12/05/09 12:51	594-20-7	
1,1-Dichloropropene	ND ug/kg		195	50		12/05/09 12:51	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		195	50		12/05/09 12:51	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		195	50		12/05/09 12:51	10061-02-6	
Diisopropyl ether	ND ug/kg		195	50		12/05/09 12:51	108-20-3	
Ethylbenzene	ND ug/kg		195	50		12/05/09 12:51	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2103-B-9.5 Lab ID: 9258741005 Collected: 11/30/09 12:10 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	195	50		12/05/09 12:51	87-68-3	
2-Hexanone	ND	ug/kg	1950	50		12/05/09 12:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	195	50		12/05/09 12:51	98-82-8	
p-Isopropyltoluene	ND	ug/kg	195	50		12/05/09 12:51	99-87-6	
Methylene Chloride	ND	ug/kg	782	50		12/05/09 12:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1950	50		12/05/09 12:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	195	50		12/05/09 12:51	1634-04-4	
Naphthalene	206	ug/kg	195	50		12/05/09 12:51	91-20-3	
n-Propylbenzene	ND	ug/kg	195	50		12/05/09 12:51	103-65-1	
Styrene	ND	ug/kg	195	50		12/05/09 12:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	195	50		12/05/09 12:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	195	50		12/05/09 12:51	79-34-5	
Tetrachloroethene	ND	ug/kg	195	50		12/05/09 12:51	127-18-4	
Toluene	ND	ug/kg	195	50		12/05/09 12:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	195	50		12/05/09 12:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	195	50		12/05/09 12:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	195	50		12/05/09 12:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	195	50		12/05/09 12:51	79-00-5	
Trichloroethene	ND	ug/kg	195	50		12/05/09 12:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	195	50		12/05/09 12:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	195	50		12/05/09 12:51	96-18-4	
1,2,4-Trimethylbenzene	202	ug/kg	195	50		12/05/09 12:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	195	50		12/05/09 12:51	108-67-8	
Vinyl acetate	ND	ug/kg	1950	50		12/05/09 12:51	108-05-4	
Vinyl chloride	ND	ug/kg	391	50		12/05/09 12:51	75-01-4	
Xylene (Total)	ND	ug/kg	391	50		12/05/09 12:51	1330-20-7	
m&p-Xylene	ND	ug/kg	391	50		12/05/09 12:51	1330-20-7	
o-Xylene	ND	ug/kg	195	50		12/05/09 12:51	95-47-6	
Dibromofluoromethane (S)	94 %		79-116	50		12/05/09 12:51	1868-53-7	D3
Toluene-d8 (S)	99 %		88-110	50		12/05/09 12:51	2037-26-5	
4-Bromofluorobenzene (S)	97 %		74-115	50		12/05/09 12:51	460-00-4	
1,2-Dichloroethane-d4 (S)	93 %		69-121	50		12/05/09 12:51	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	13.5 %	0.10	1	12/04/09 09:06
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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2089-1 Lab ID: 9258741006 Collected: 12/01/09 14:15 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.1	1	12/03/09 13:45	12/04/09 08:50	68334-30-5	
n-Pentacosane (S)	64 %		50-135	1	12/03/09 13:45	12/04/09 08:50	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.1	1	12/07/09 11:45	12/10/09 07:42		
Aliphatic (C19-C36)	ND mg/kg		12.1	1	12/07/09 11:45	12/10/09 07:42		
Aromatic (C11-C22)	ND mg/kg		12.1	1	12/07/09 11:45	12/10/09 07:42		
Nonatriacontane (S)	76 %		40-140	1	12/07/09 11:45	12/10/09 07:42	7194-86-7	
o-Terphenyl (S)	88 %		40-140	1	12/07/09 11:45	12/10/09 07:42	84-15-1	
2-Fluorobiphenyl (S)	102 %		40-140	1	12/07/09 11:45	12/10/09 07:42	321-60-8	
2-Bromonaphthalene (S)	103 %		40-140	1	12/07/09 11:45	12/10/09 07:42	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		6.1	1	12/10/09 04:41	12/10/09 22:02	8006-61-9	
4-Bromofluorobenzene (S)	79 %		50-135	1	12/10/09 04:41	12/10/09 22:02	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		11.8	1	12/08/09 03:54	12/10/09 02:35		
Aliphatic (C09-C12)	ND mg/kg		11.8	1	12/08/09 03:54	12/10/09 02:35		
Aromatic (C09-C10)	ND mg/kg		11.8	1	12/08/09 03:54	12/10/09 02:35		
2,5-Dibromotoluene (PID)(S)	150 %		70-130	1	12/08/09 03:54	12/10/09 02:35		S3
2,5-Dibromotoluene (FID)(S)	156 %		70-130	1	12/08/09 03:54	12/10/09 02:35		S3
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 05:48	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-1 Lab ID: 9258741006 Collected: 12/01/09 14:15 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		666	1	12/08/09 20:27	12/12/09 05:48	91-94-1	L1
2,4-Dichlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	120-83-2	
Diethylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	84-66-2	
2,4-Dimethylphenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	105-67-9	
Dimethylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	131-11-3	
Di-n-butylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 05:48	534-52-1	
2,4-Dinitrophenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 05:48	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	606-20-2	
Di-n-octylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	117-84-0	
1,2-Diphenylhydrazine	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	122-66-7	
bis(2-Ethylhexyl)phthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	117-81-7	
Fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	206-44-0	
Fluorene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	87-68-3	
Hexachlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		666	1	12/08/09 20:27	12/12/09 05:48	77-47-4	
Hexachloroethane	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	193-39-5	
Isophorone	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	78-59-1	
1-Methylnaphthalene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	90-12-0	
2-Methylnaphthalene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48		
Naphthalene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	91-20-3	
2-Nitroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	88-74-4	
3-Nitroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	99-09-2	
4-Nitroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	100-01-6	
Nitrobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	98-95-3	
2-Nitrophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	88-75-5	
4-Nitrophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	100-02-7	
N-Nitrosodimethylamine	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	621-64-7	
N-Nitrosodiphenylamine	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	86-30-6	
Pentachlorophenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 05:48	87-86-5	
Phenanthrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	85-01-8	
Phenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	108-95-2	
Pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 05:48	129-00-0	
1,2,4-Trichlorobenzene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	120-82-1	
2,4,5-Trichlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	95-95-4	
2,4,6-Trichlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 05:48	88-06-2	
Nitrobenzene-d5 (S)	76 %		10-110	1	12/08/09 20:27	12/12/09 05:48	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-1 Lab ID: 9258741006 Collected: 12/01/09 14:15 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	79 %		18-110	1	12/08/09 20:27	12/12/09 05:48	321-60-8	
Terphenyl-d14 (S)	84 %		10-123	1	12/08/09 20:27	12/12/09 05:48	1718-51-0	
Phenol-d6 (S)	66 %		10-110	1	12/08/09 20:27	12/12/09 05:48	13127-88-3	
2-Fluorophenol (S)	59 %		18-110	1	12/08/09 20:27	12/12/09 05:48	367-12-4	
2,4,6-Tribromophenol (S)	90 %		10-110	1	12/08/09 20:27	12/12/09 05:48	118-79-6	

8260/5035A Volatile Organics Analytical Method: EPA 8260

Acetone	ND ug/kg	45.9	1		12/04/09 23:27	67-64-1	
Benzene	ND ug/kg	2.3	1		12/04/09 23:27	71-43-2	
Bromobenzene	ND ug/kg	2.3	1		12/04/09 23:27	108-86-1	
Bromochloromethane	ND ug/kg	2.3	1		12/04/09 23:27	74-97-5	
Bromodichloromethane	ND ug/kg	2.3	1		12/04/09 23:27	75-27-4	
Bromoform	ND ug/kg	2.3	1		12/04/09 23:27	75-25-2	
Bromomethane	ND ug/kg	4.6	1		12/04/09 23:27	74-83-9	
2-Butanone (MEK)	ND ug/kg	45.9	1		12/04/09 23:27	78-93-3	
n-Butylbenzene	ND ug/kg	2.3	1		12/04/09 23:27	104-51-8	
sec-Butylbenzene	ND ug/kg	2.3	1		12/04/09 23:27	135-98-8	
tert-Butylbenzene	ND ug/kg	2.3	1		12/04/09 23:27	98-06-6	
Carbon tetrachloride	ND ug/kg	2.3	1		12/04/09 23:27	56-23-5	
Chlorobenzene	ND ug/kg	2.3	1		12/04/09 23:27	108-90-7	
Chloroethane	ND ug/kg	4.6	1		12/04/09 23:27	75-00-3	
Chloroform	ND ug/kg	2.3	1		12/04/09 23:27	67-66-3	
Chloromethane	ND ug/kg	4.6	1		12/04/09 23:27	74-87-3	
2-Chlorotoluene	ND ug/kg	2.3	1		12/04/09 23:27	95-49-8	
4-Chlorotoluene	ND ug/kg	2.3	1		12/04/09 23:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg	2.3	1		12/04/09 23:27	96-12-8	
Dibromochloromethane	ND ug/kg	2.3	1		12/04/09 23:27	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg	2.3	1		12/04/09 23:27	106-93-4	
Dibromomethane	ND ug/kg	2.3	1		12/04/09 23:27	74-95-3	
1,2-Dichlorobenzene	ND ug/kg	2.3	1		12/04/09 23:27	95-50-1	
1,3-Dichlorobenzene	ND ug/kg	2.3	1		12/04/09 23:27	541-73-1	
1,4-Dichlorobenzene	ND ug/kg	2.3	1		12/04/09 23:27	106-46-7	
Dichlorodifluoromethane	ND ug/kg	4.6	1		12/04/09 23:27	75-71-8	
1,1-Dichloroethane	ND ug/kg	2.3	1		12/04/09 23:27	75-34-3	
1,2-Dichloroethane	ND ug/kg	2.3	1		12/04/09 23:27	107-06-2	
1,1-Dichloroethene	ND ug/kg	2.3	1		12/04/09 23:27	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg	2.3	1		12/04/09 23:27	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg	2.3	1		12/04/09 23:27	156-60-5	
1,2-Dichloropropane	ND ug/kg	2.3	1		12/04/09 23:27	78-87-5	
1,3-Dichloropropane	ND ug/kg	2.3	1		12/04/09 23:27	142-28-9	
2,2-Dichloropropane	ND ug/kg	2.3	1		12/04/09 23:27	594-20-7	
1,1-Dichloropropene	ND ug/kg	2.3	1		12/04/09 23:27	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg	2.3	1		12/04/09 23:27	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg	2.3	1		12/04/09 23:27	10061-02-6	
Diisopropyl ether	ND ug/kg	2.3	1		12/04/09 23:27	108-20-3	
Ethylbenzene	ND ug/kg	2.3	1		12/04/09 23:27	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-1 Lab ID: 9258741006 Collected: 12/01/09 14:15 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	2.3	1		12/04/09 23:27	87-68-3	
2-Hexanone	ND	ug/kg	22.9	1		12/04/09 23:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2.3	1		12/04/09 23:27	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.3	1		12/04/09 23:27	99-87-6	
Methylene Chloride	ND	ug/kg	9.2	1		12/04/09 23:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.9	1		12/04/09 23:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2.3	1		12/04/09 23:27	1634-04-4	
Naphthalene	ND	ug/kg	2.3	1		12/04/09 23:27	91-20-3	
n-Propylbenzene	ND	ug/kg	2.3	1		12/04/09 23:27	103-65-1	
Styrene	ND	ug/kg	2.3	1		12/04/09 23:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.3	1		12/04/09 23:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.3	1		12/04/09 23:27	79-34-5	
Tetrachloroethene	ND	ug/kg	2.3	1		12/04/09 23:27	127-18-4	
Toluene	ND	ug/kg	2.3	1		12/04/09 23:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.3	1		12/04/09 23:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.3	1		12/04/09 23:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.3	1		12/04/09 23:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.3	1		12/04/09 23:27	79-00-5	
Trichloroethene	ND	ug/kg	2.3	1		12/04/09 23:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.3	1		12/04/09 23:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.3	1		12/04/09 23:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	2.3	1		12/04/09 23:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.3	1		12/04/09 23:27	108-67-8	
Vinyl acetate	ND	ug/kg	22.9	1		12/04/09 23:27	108-05-4	
Vinyl chloride	ND	ug/kg	4.6	1		12/04/09 23:27	75-01-4	
Xylene (Total)	ND	ug/kg	4.6	1		12/04/09 23:27	1330-20-7	
m&p-Xylene	ND	ug/kg	4.6	1		12/04/09 23:27	1330-20-7	
o-Xylene	ND	ug/kg	2.3	1		12/04/09 23:27	95-47-6	
Dibromofluoromethane (S)	109	%	79-116	1		12/04/09 23:27	1868-53-7	
Toluene-d8 (S)	100	%	88-110	1		12/04/09 23:27	2037-26-5	
4-Bromofluorobenzene (S)	93	%	74-115	1		12/04/09 23:27	460-00-4	
1,2-Dichloroethane-d4 (S)	125	%	69-121	1		12/04/09 23:27	17060-07-0	S3

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	17.5 %	0.10	1	12/04/09 09:07
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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2089-2 Lab ID: 9258741007 Collected: 12/01/09 10:50 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.6	1	12/03/09 13:45	12/04/09 09:19	68334-30-5	
n-Pentacosane (S)	76 %		50-135	1	12/03/09 13:45	12/04/09 09:19	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.2	1	12/07/09 11:45	12/10/09 08:15		
Aliphatic (C19-C36)	ND mg/kg		11.2	1	12/07/09 11:45	12/10/09 08:15		
Aromatic (C11-C22)	ND mg/kg		11.2	1	12/07/09 11:45	12/10/09 08:15		
Nonatriacontane (S)	82 %		40-140	1	12/07/09 11:45	12/10/09 08:15	7194-86-7	
o-Terphenyl (S)	91 %		40-140	1	12/07/09 11:45	12/10/09 08:15	84-15-1	
2-Fluorobiphenyl (S)	102 %		40-140	1	12/07/09 11:45	12/10/09 08:15	321-60-8	
2-Bromonaphthalene (S)	104 %		40-140	1	12/07/09 11:45	12/10/09 08:15	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.5	1	12/10/09 04:41	12/10/09 22:27	8006-61-9	
4-Bromofluorobenzene (S)	118 %		50-135	1	12/10/09 04:41	12/10/09 22:27	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		8.4	1	12/08/09 03:54	12/10/09 02:59		
Aliphatic (C09-C12)	ND mg/kg		8.4	1	12/08/09 03:54	12/10/09 02:59		
Aromatic (C09-C10)	ND mg/kg		8.4	1	12/08/09 03:54	12/10/09 02:59		
2,5-Dibromotoluene (PID)(S)	106 %		70-130	1	12/08/09 03:54	12/10/09 02:59		
2,5-Dibromotoluene (FID)(S)	103 %		70-130	1	12/08/09 03:54	12/10/09 02:59		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 06:14	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 06:14	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/08/09 20:27	12/12/09 06:14	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2089-2 Lab ID: 9258741007 Collected: 12/01/09 10:50 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	95-50-1	L1
1,3-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 06:14	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	120-83-2	
Diethylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	105-67-9	
Dimethylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 06:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 06:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	117-81-7	
Fluoranthene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 06:14	206-44-0	
Fluorene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 06:14	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	87-68-3	
Hexachlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 06:14	77-47-4	
Hexachloroethane	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 06:14	193-39-5	
Isophorone	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 06:14	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 06:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14		
Naphthalene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 06:14	91-20-3	
2-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	88-74-4	
3-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	99-09-2	
4-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	100-01-6	
Nitrobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	98-95-3	
2-Nitrophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	88-75-5	
4-Nitrophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	86-30-6	
Pentachlorophenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 06:14	87-86-5	
Phenanthrene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 06:14	85-01-8	
Phenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	108-95-2	
Pyrene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 06:14	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 06:14	88-06-2	
Nitrobenzene-d5 (S)	70 %		10-110	1	12/08/09 20:27	12/12/09 06:14	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-2 **Lab ID:** 9258741007 **Collected:** 12/01/09 10:50 **Received:** 12/03/09 09:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	74 %		18-110	1	12/08/09 20:27	12/12/09 06:14	321-60-8	
Terphenyl-d14 (S)	84 %		10-123	1	12/08/09 20:27	12/12/09 06:14	1718-51-0	
Phenol-d6 (S)	65 %		10-110	1	12/08/09 20:27	12/12/09 06:14	13127-88-3	
2-Fluorophenol (S)	65 %		18-110	1	12/08/09 20:27	12/12/09 06:14	367-12-4	
2,4,6-Tribromophenol (S)	82 %		10-110	1	12/08/09 20:27	12/12/09 06:14	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND ug/kg		73.3	1		12/05/09 04:18	67-64-1	
Benzene	ND ug/kg		3.7	1		12/05/09 04:18	71-43-2	
Bromobenzene	ND ug/kg		3.7	1		12/05/09 04:18	108-86-1	
Bromochloromethane	ND ug/kg		3.7	1		12/05/09 04:18	74-97-5	
Bromodichloromethane	ND ug/kg		3.7	1		12/05/09 04:18	75-27-4	
Bromoform	ND ug/kg		3.7	1		12/05/09 04:18	75-25-2	
Bromomethane	ND ug/kg		7.3	1		12/05/09 04:18	74-83-9	
2-Butanone (MEK)	ND ug/kg		73.3	1		12/05/09 04:18	78-93-3	
n-Butylbenzene	ND ug/kg		3.7	1		12/05/09 04:18	104-51-8	
sec-Butylbenzene	ND ug/kg		3.7	1		12/05/09 04:18	135-98-8	
tert-Butylbenzene	ND ug/kg		3.7	1		12/05/09 04:18	98-06-6	
Carbon tetrachloride	ND ug/kg		3.7	1		12/05/09 04:18	56-23-5	
Chlorobenzene	ND ug/kg		3.7	1		12/05/09 04:18	108-90-7	
Chloroethane	ND ug/kg		7.3	1		12/05/09 04:18	75-00-3	
Chloroform	ND ug/kg		3.7	1		12/05/09 04:18	67-66-3	
Chloromethane	ND ug/kg		7.3	1		12/05/09 04:18	74-87-3	
2-Chlorotoluene	ND ug/kg		3.7	1		12/05/09 04:18	95-49-8	
4-Chlorotoluene	ND ug/kg		3.7	1		12/05/09 04:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		3.7	1		12/05/09 04:18	96-12-8	
Dibromochloromethane	ND ug/kg		3.7	1		12/05/09 04:18	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		3.7	1		12/05/09 04:18	106-93-4	
Dibromomethane	ND ug/kg		3.7	1		12/05/09 04:18	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		3.7	1		12/05/09 04:18	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		3.7	1		12/05/09 04:18	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		3.7	1		12/05/09 04:18	106-46-7	
Dichlorodifluoromethane	ND ug/kg		7.3	1		12/05/09 04:18	75-71-8	
1,1-Dichloroethane	ND ug/kg		3.7	1		12/05/09 04:18	75-34-3	
1,2-Dichloroethane	ND ug/kg		3.7	1		12/05/09 04:18	107-06-2	
1,1-Dichloroethene	ND ug/kg		3.7	1		12/05/09 04:18	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		3.7	1		12/05/09 04:18	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		3.7	1		12/05/09 04:18	156-60-5	
1,2-Dichloropropane	ND ug/kg		3.7	1		12/05/09 04:18	78-87-5	
1,3-Dichloropropane	ND ug/kg		3.7	1		12/05/09 04:18	142-28-9	
2,2-Dichloropropane	ND ug/kg		3.7	1		12/05/09 04:18	594-20-7	
1,1-Dichloropropene	ND ug/kg		3.7	1		12/05/09 04:18	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		3.7	1		12/05/09 04:18	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		3.7	1		12/05/09 04:18	10061-02-6	
Diisopropyl ether	ND ug/kg		3.7	1		12/05/09 04:18	108-20-3	
Ethylbenzene	ND ug/kg		3.7	1		12/05/09 04:18	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-2 Lab ID: 9258741007 Collected: 12/01/09 10:50 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	3.7	1		12/05/09 04:18	87-68-3	
2-Hexanone	ND	ug/kg	36.6	1		12/05/09 04:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	1		12/05/09 04:18	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.7	1		12/05/09 04:18	99-87-6	
Methylene Chloride	ND	ug/kg	14.7	1		12/05/09 04:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	36.6	1		12/05/09 04:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.7	1		12/05/09 04:18	1634-04-4	
Naphthalene	ND	ug/kg	3.7	1		12/05/09 04:18	91-20-3	
n-Propylbenzene	ND	ug/kg	3.7	1		12/05/09 04:18	103-65-1	
Styrene	ND	ug/kg	3.7	1		12/05/09 04:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	1		12/05/09 04:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	1		12/05/09 04:18	79-34-5	
Tetrachloroethene	ND	ug/kg	3.7	1		12/05/09 04:18	127-18-4	
Toluene	ND	ug/kg	3.7	1		12/05/09 04:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	1		12/05/09 04:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	1		12/05/09 04:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.7	1		12/05/09 04:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.7	1		12/05/09 04:18	79-00-5	
Trichloroethene	ND	ug/kg	3.7	1		12/05/09 04:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	1		12/05/09 04:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.7	1		12/05/09 04:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.7	1		12/05/09 04:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	1		12/05/09 04:18	108-67-8	
Vinyl acetate	ND	ug/kg	36.6	1		12/05/09 04:18	108-05-4	
Vinyl chloride	ND	ug/kg	7.3	1		12/05/09 04:18	75-01-4	
Xylene (Total)	ND	ug/kg	7.3	1		12/05/09 04:18	1330-20-7	
m&p-Xylene	ND	ug/kg	7.3	1		12/05/09 04:18	1330-20-7	
o-Xylene	ND	ug/kg	3.7	1		12/05/09 04:18	95-47-6	
Dibromofluoromethane (S)	100 %		79-116	1		12/05/09 04:18	1868-53-7	
Toluene-d8 (S)	101 %		88-110	1		12/05/09 04:18	2037-26-5	
4-Bromofluorobenzene (S)	96 %		74-115	1		12/05/09 04:18	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		69-121	1		12/05/09 04:18	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.7 %		0.10	1		12/04/09 09:07		

ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-3 **Lab ID:** 9258741008 **Collected:** 12/01/09 13:40 **Received:** 12/03/09 09:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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8015 GCS THC-Diesel

Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546

Diesel Components	ND mg/kg		5.7	1	12/03/09 13:45	12/04/09 09:19	68334-30-5	
n-Pentacosane (S)	71 %		50-135	1	12/03/09 13:45	12/04/09 09:19	629-99-2	

MADEP EPH NC Soil

Analytical Method: MADEP EPH Preparation Method: MADEP EPH

Aliphatic (C09-C18)	ND mg/kg		11.5	1	12/07/09 11:45	12/11/09 16:23		
Aliphatic (C19-C36)	ND mg/kg		11.5	1	12/07/09 11:45	12/11/09 16:23		
Aromatic (C11-C22)	ND mg/kg		11.5	1	12/07/09 11:45	12/10/09 09:27		
Nonatriacontane (S)	80 %		40-140	1	12/07/09 11:45	12/11/09 16:23	7194-86-7	
o-Terphenyl (S)	81 %		40-140	1	12/07/09 11:45	12/10/09 09:27	84-15-1	
2-Fluorobiphenyl (S)	100 %		40-140	1	12/07/09 11:45	12/10/09 09:27	321-60-8	
2-Bromonaphthalene (S)	101 %		40-140	1	12/07/09 11:45	12/10/09 09:27	580-13-2	

Gasoline Range Organics

Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B

Gasoline Range Organics	ND mg/kg		5.1	1	12/10/09 04:41	12/10/09 22:51	8006-61-9	
4-Bromofluorobenzene (S)	124 %		50-135	1	12/10/09 04:41	12/10/09 22:51	460-00-4	

VPH NC Soil

Analytical Method: MADEP VPH Preparation Method: MADEP VPH

Aliphatic (C05-C08)	ND mg/kg		12.2	1	12/08/09 03:54	12/10/09 03:24		
Aliphatic (C09-C12)	ND mg/kg		12.2	1	12/08/09 03:54	12/10/09 03:24		
Aromatic (C09-C10)	ND mg/kg		12.2	1	12/08/09 03:54	12/10/09 03:24		
2,5-Dibromotoluene (PID)(S)	119 %		70-130	1	12/08/09 03:54	12/10/09 03:24		
2,5-Dibromotoluene (FID)(S)	114 %		70-130	1	12/08/09 03:54	12/10/09 03:24		

8270 MSSV Full List Microwave

Analytical Method: EPA 8270

Acenaphthene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	83-32-9	
Acenaphthylene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	208-96-8	
Anthracene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	101-55-3	
Butylbenzylphthalate	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		663	1	12/08/09 20:27	12/12/09 06:40	59-50-7	
4-Chloroaniline	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	108-60-1	
2-Chloronaphthalene	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	91-58-7	
2-Chlorophenol	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	7005-72-3	
Chrysene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.7	1	12/08/09 20:27	12/12/09 06:40	53-70-3	
Dibenzofuran	ND ug/kg		168	1	12/08/09 20:27	12/12/09 06:40	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-3 **Lab ID:** 9258741008 **Collected:** 12/01/09 13:40 **Received:** 12/03/09 09:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	663	1	12/08/09 20:27	12/12/09 06:40	91-94-1	L1
2,4-Dichlorophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	120-83-2	
Diethylphthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	105-67-9	
Dimethylphthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	131-11-3	
Di-n-butylphthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	663	1	12/08/09 20:27	12/12/09 06:40	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	663	1	12/08/09 20:27	12/12/09 06:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	606-20-2	
Di-n-octylphthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	117-81-7	
Fluoranthene	ND	ug/kg	32.7	1	12/08/09 20:27	12/12/09 06:40	206-44-0	
Fluorene	ND	ug/kg	32.7	1	12/08/09 20:27	12/12/09 06:40	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	87-68-3	
Hexachlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	663	1	12/08/09 20:27	12/12/09 06:40	77-47-4	
Hexachloroethane	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.7	1	12/08/09 20:27	12/12/09 06:40	193-39-5	
Isophorone	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.7	1	12/08/09 20:27	12/12/09 06:40	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.7	1	12/08/09 20:27	12/12/09 06:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40		
Naphthalene	ND	ug/kg	32.7	1	12/08/09 20:27	12/12/09 06:40	91-20-3	
2-Nitroaniline	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	88-74-4	
3-Nitroaniline	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	99-09-2	
4-Nitroaniline	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	100-01-6	
Nitrobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	98-95-3	
2-Nitrophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	88-75-5	
4-Nitrophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	86-30-6	
Pentachlorophenol	ND	ug/kg	663	1	12/08/09 20:27	12/12/09 06:40	87-86-5	
Phenanthrene	ND	ug/kg	32.7	1	12/08/09 20:27	12/12/09 06:40	85-01-8	
Phenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	108-95-2	
Pyrene	ND	ug/kg	32.7	1	12/08/09 20:27	12/12/09 06:40	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	168	1	12/08/09 20:27	12/12/09 06:40	88-06-2	
Nitrobenzene-d5 (S)	69 %		10-110	1	12/08/09 20:27	12/12/09 06:40	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2089-3 **Lab ID:** 9258741008 **Collected:** 12/01/09 13:40 **Received:** 12/03/09 09:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	70 %		18-110	1	12/08/09 20:27	12/12/09 06:40	321-60-8	
Terphenyl-d14 (S)	83 %		10-123	1	12/08/09 20:27	12/12/09 06:40	1718-51-0	
Phenol-d6 (S)	62 %		10-110	1	12/08/09 20:27	12/12/09 06:40	13127-88-3	
2-Fluorophenol (S)	66 %		18-110	1	12/08/09 20:27	12/12/09 06:40	367-12-4	
2,4,6-Tribromophenol (S)	81 %		10-110	1	12/08/09 20:27	12/12/09 06:40	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND ug/kg		70.9	1		12/05/09 04:54	67-64-1	
Benzene	ND ug/kg		3.5	1		12/05/09 04:54	71-43-2	
Bromobenzene	ND ug/kg		3.5	1		12/05/09 04:54	108-86-1	
Bromochloromethane	ND ug/kg		3.5	1		12/05/09 04:54	74-97-5	
Bromodichloromethane	ND ug/kg		3.5	1		12/05/09 04:54	75-27-4	
Bromoform	ND ug/kg		3.5	1		12/05/09 04:54	75-25-2	
Bromomethane	ND ug/kg		7.1	1		12/05/09 04:54	74-83-9	
2-Butanone (MEK)	ND ug/kg		70.9	1		12/05/09 04:54	78-93-3	
n-Butylbenzene	ND ug/kg		3.5	1		12/05/09 04:54	104-51-8	
sec-Butylbenzene	ND ug/kg		3.5	1		12/05/09 04:54	135-98-8	
tert-Butylbenzene	ND ug/kg		3.5	1		12/05/09 04:54	98-06-6	
Carbon tetrachloride	ND ug/kg		3.5	1		12/05/09 04:54	56-23-5	
Chlorobenzene	ND ug/kg		3.5	1		12/05/09 04:54	108-90-7	
Chloroethane	ND ug/kg		7.1	1		12/05/09 04:54	75-00-3	
Chloroform	ND ug/kg		3.5	1		12/05/09 04:54	67-66-3	
Chloromethane	ND ug/kg		7.1	1		12/05/09 04:54	74-87-3	
2-Chlorotoluene	ND ug/kg		3.5	1		12/05/09 04:54	95-49-8	
4-Chlorotoluene	ND ug/kg		3.5	1		12/05/09 04:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		3.5	1		12/05/09 04:54	96-12-8	
Dibromochloromethane	ND ug/kg		3.5	1		12/05/09 04:54	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		3.5	1		12/05/09 04:54	106-93-4	
Dibromomethane	ND ug/kg		3.5	1		12/05/09 04:54	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		3.5	1		12/05/09 04:54	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		3.5	1		12/05/09 04:54	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		3.5	1		12/05/09 04:54	106-46-7	
Dichlorodifluoromethane	ND ug/kg		7.1	1		12/05/09 04:54	75-71-8	
1,1-Dichloroethane	ND ug/kg		3.5	1		12/05/09 04:54	75-34-3	
1,2-Dichloroethane	ND ug/kg		3.5	1		12/05/09 04:54	107-06-2	
1,1-Dichloroethene	ND ug/kg		3.5	1		12/05/09 04:54	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		3.5	1		12/05/09 04:54	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		3.5	1		12/05/09 04:54	156-60-5	
1,2-Dichloropropane	ND ug/kg		3.5	1		12/05/09 04:54	78-87-5	
1,3-Dichloropropane	ND ug/kg		3.5	1		12/05/09 04:54	142-28-9	
2,2-Dichloropropane	ND ug/kg		3.5	1		12/05/09 04:54	594-20-7	
1,1-Dichloropropene	ND ug/kg		3.5	1		12/05/09 04:54	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		3.5	1		12/05/09 04:54	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		3.5	1		12/05/09 04:54	10061-02-6	
Diisopropyl ether	ND ug/kg		3.5	1		12/05/09 04:54	108-20-3	
Ethylbenzene	ND ug/kg		3.5	1		12/05/09 04:54	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-3 Lab ID: 9258741008 Collected: 12/01/09 13:40 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	1		12/05/09 04:54	87-68-3	
2-Hexanone	ND	ug/kg	35.5	1		12/05/09 04:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	1		12/05/09 04:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.5	1		12/05/09 04:54	99-87-6	
Methylene Chloride	ND	ug/kg	14.2	1		12/05/09 04:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	35.5	1		12/05/09 04:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.5	1		12/05/09 04:54	1634-04-4	
Naphthalene	ND	ug/kg	3.5	1		12/05/09 04:54	91-20-3	
n-Propylbenzene	ND	ug/kg	3.5	1		12/05/09 04:54	103-65-1	
Styrene	ND	ug/kg	3.5	1		12/05/09 04:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	1		12/05/09 04:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	1		12/05/09 04:54	79-34-5	
Tetrachloroethene	ND	ug/kg	3.5	1		12/05/09 04:54	127-18-4	
Toluene	ND	ug/kg	3.5	1		12/05/09 04:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	1		12/05/09 04:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	1		12/05/09 04:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.5	1		12/05/09 04:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.5	1		12/05/09 04:54	79-00-5	
Trichloroethene	ND	ug/kg	3.5	1		12/05/09 04:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	1		12/05/09 04:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.5	1		12/05/09 04:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	1		12/05/09 04:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	1		12/05/09 04:54	108-67-8	
Vinyl acetate	ND	ug/kg	35.5	1		12/05/09 04:54	108-05-4	
Vinyl chloride	ND	ug/kg	7.1	1		12/05/09 04:54	75-01-4	
Xylene (Total)	ND	ug/kg	7.1	1		12/05/09 04:54	1330-20-7	
m&p-Xylene	ND	ug/kg	7.1	1		12/05/09 04:54	1330-20-7	
o-Xylene	ND	ug/kg	3.5	1		12/05/09 04:54	95-47-6	
Dibromofluoromethane (S)	111	%	79-116	1		12/05/09 04:54	1868-53-7	
Toluene-d8 (S)	101	%	88-110	1		12/05/09 04:54	2037-26-5	
4-Bromofluorobenzene (S)	94	%	74-115	1		12/05/09 04:54	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	69-121	1		12/05/09 04:54	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	12.8	%	0.10	1		12/04/09 09:07		

ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-4 Lab ID: 9258741009 Collected: 12/01/09 12:55 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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8015 GCS THC-Diesel

Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546

Diesel Components	ND mg/kg		5.7	1	12/03/09 13:45	12/04/09 09:48	68334-30-5	
n-Pentacosane (S)	61 %		50-135	1	12/03/09 13:45	12/04/09 09:48	629-99-2	

MADEP EPH NC Soil

Analytical Method: MADEP EPH Preparation Method: MADEP EPH

Aliphatic (C09-C18)	ND mg/kg		11.4	1	12/07/09 11:45	12/11/09 16:56		
Aliphatic (C19-C36)	ND mg/kg		11.4	1	12/07/09 11:45	12/11/09 16:56		
Aromatic (C11-C22)	ND mg/kg		11.4	1	12/07/09 11:45	12/10/09 10:01		
Nonatriacontane (S)	74 %		40-140	1	12/07/09 11:45	12/11/09 16:56	7194-86-7	
o-Terphenyl (S)	86 %		40-140	1	12/07/09 11:45	12/10/09 10:01	84-15-1	
2-Fluorobiphenyl (S)	114 %		40-140	1	12/07/09 11:45	12/10/09 10:01	321-60-8	
2-Bromonaphthalene (S)	115 %		40-140	1	12/07/09 11:45	12/10/09 10:01	580-13-2	

Gasoline Range Organics

Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B

Gasoline Range Organics	ND mg/kg		6.7	1	12/10/09 04:41	12/10/09 23:16	8006-61-9	
4-Bromofluorobenzene (S)	102 %		50-135	1	12/10/09 04:41	12/10/09 23:16	460-00-4	

VPH NC Soil

Analytical Method: MADEP VPH Preparation Method: MADEP VPH

Aliphatic (C05-C08)	ND mg/kg		8.7	1	12/08/09 03:54	12/10/09 03:48		
Aliphatic (C09-C12)	ND mg/kg		8.7	1	12/08/09 03:54	12/10/09 03:48		
Aromatic (C09-C10)	ND mg/kg		8.7	1	12/08/09 03:54	12/10/09 03:48		
2,5-Dibromotoluene (PID)(S)	118 %		70-130	1	12/08/09 03:54	12/10/09 03:48		
2,5-Dibromotoluene (FID)(S)	117 %		70-130	1	12/08/09 03:54	12/10/09 03:48		

8270 MSSV Full List Microwave

Analytical Method: EPA 8270

Acenaphthene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	83-32-9	
Acenaphthylene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	208-96-8	
Anthracene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	101-55-3	
Butylbenzylphthalate	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		655	1	12/08/09 20:27	12/12/09 07:06	59-50-7	
4-Chloroaniline	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	108-60-1	
2-Chloronaphthalene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	91-58-7	
2-Chlorophenol	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	7005-72-3	
Chrysene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	53-70-3	
Dibenzofuran	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2089-4 Lab ID: 9258741009 Collected: 12/01/09 12:55 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	95-50-1	L1
1,3-Dichlorobenzene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		655	1	12/08/09 20:27	12/12/09 07:06	91-94-1	
2,4-Dichlorophenol	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	120-83-2	
Diethylphthalate	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	84-66-2	
2,4-Dimethylphenol	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	105-67-9	
Dimethylphthalate	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	131-11-3	
Di-n-butylphthalate	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		655	1	12/08/09 20:27	12/12/09 07:06	534-52-1	
2,4-Dinitrophenol	ND ug/kg		655	1	12/08/09 20:27	12/12/09 07:06	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	606-20-2	
Di-n-octylphthalate	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	117-84-0	
1,2-Diphenylhydrazine	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	122-66-7	
bis(2-Ethylhexyl)phthalate	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	117-81-7	
Fluoranthene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	206-44-0	
Fluorene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	87-68-3	
Hexachlorobenzene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		655	1	12/08/09 20:27	12/12/09 07:06	77-47-4	
Hexachloroethane	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	193-39-5	
Isophorone	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	78-59-1	
1-Methylnaphthalene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	90-12-0	
2-Methylnaphthalene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06		
Naphthalene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	91-20-3	
2-Nitroaniline	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	88-74-4	
3-Nitroaniline	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	99-09-2	
4-Nitroaniline	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	100-01-6	
Nitrobenzene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	98-95-3	
2-Nitrophenol	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	88-75-5	
4-Nitrophenol	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	100-02-7	
N-Nitrosodimethylamine	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	621-64-7	
N-Nitrosodiphenylamine	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	86-30-6	
Pentachlorophenol	ND ug/kg		655	1	12/08/09 20:27	12/12/09 07:06	87-86-5	
Phenanthrene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	85-01-8	
Phenol	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	108-95-2	
Pyrene	ND ug/kg		32.2	1	12/08/09 20:27	12/12/09 07:06	129-00-0	
1,2,4-Trichlorobenzene	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	120-82-1	
2,4,5-Trichlorophenol	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	95-95-4	
2,4,6-Trichlorophenol	ND ug/kg		166	1	12/08/09 20:27	12/12/09 07:06	88-06-2	
Nitrobenzene-d5 (S)	61 %		10-110	1	12/08/09 20:27	12/12/09 07:06	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-4 **Lab ID:** 9258741009 **Collected:** 12/01/09 12:55 **Received:** 12/03/09 09:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	64 %		18-110	1	12/08/09 20:27	12/12/09 07:06	321-60-8	
Terphenyl-d14 (S)	84 %		10-123	1	12/08/09 20:27	12/12/09 07:06	1718-51-0	
Phenol-d6 (S)	54 %		10-110	1	12/08/09 20:27	12/12/09 07:06	13127-88-3	
2-Fluorophenol (S)	54 %		18-110	1	12/08/09 20:27	12/12/09 07:06	367-12-4	
2,4,6-Tribromophenol (S)	76 %		10-110	1	12/08/09 20:27	12/12/09 07:06	118-79-6	

8260/5035A Volatile Organics Analytical Method: EPA 8260

Acetone	ND ug/kg	77.2	1		12/05/09 04:36	67-64-1	
Benzene	ND ug/kg	3.9	1		12/05/09 04:36	71-43-2	
Bromobenzene	ND ug/kg	3.9	1		12/05/09 04:36	108-86-1	
Bromochloromethane	ND ug/kg	3.9	1		12/05/09 04:36	74-97-5	
Bromodichloromethane	ND ug/kg	3.9	1		12/05/09 04:36	75-27-4	
Bromoform	ND ug/kg	3.9	1		12/05/09 04:36	75-25-2	
Bromomethane	ND ug/kg	7.7	1		12/05/09 04:36	74-83-9	
2-Butanone (MEK)	ND ug/kg	77.2	1		12/05/09 04:36	78-93-3	
n-Butylbenzene	ND ug/kg	3.9	1		12/05/09 04:36	104-51-8	
sec-Butylbenzene	ND ug/kg	3.9	1		12/05/09 04:36	135-98-8	
tert-Butylbenzene	ND ug/kg	3.9	1		12/05/09 04:36	98-06-6	
Carbon tetrachloride	ND ug/kg	3.9	1		12/05/09 04:36	56-23-5	
Chlorobenzene	ND ug/kg	3.9	1		12/05/09 04:36	108-90-7	
Chloroethane	ND ug/kg	7.7	1		12/05/09 04:36	75-00-3	
Chloroform	ND ug/kg	3.9	1		12/05/09 04:36	67-66-3	
Chloromethane	ND ug/kg	7.7	1		12/05/09 04:36	74-87-3	
2-Chlorotoluene	ND ug/kg	3.9	1		12/05/09 04:36	95-49-8	
4-Chlorotoluene	ND ug/kg	3.9	1		12/05/09 04:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg	3.9	1		12/05/09 04:36	96-12-8	
Dibromochloromethane	ND ug/kg	3.9	1		12/05/09 04:36	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg	3.9	1		12/05/09 04:36	106-93-4	
Dibromomethane	ND ug/kg	3.9	1		12/05/09 04:36	74-95-3	
1,2-Dichlorobenzene	ND ug/kg	3.9	1		12/05/09 04:36	95-50-1	
1,3-Dichlorobenzene	ND ug/kg	3.9	1		12/05/09 04:36	541-73-1	
1,4-Dichlorobenzene	ND ug/kg	3.9	1		12/05/09 04:36	106-46-7	
Dichlorodifluoromethane	ND ug/kg	7.7	1		12/05/09 04:36	75-71-8	
1,1-Dichloroethane	ND ug/kg	3.9	1		12/05/09 04:36	75-34-3	
1,2-Dichloroethane	ND ug/kg	3.9	1		12/05/09 04:36	107-06-2	
1,1-Dichloroethene	ND ug/kg	3.9	1		12/05/09 04:36	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg	3.9	1		12/05/09 04:36	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg	3.9	1		12/05/09 04:36	156-60-5	
1,2-Dichloropropane	ND ug/kg	3.9	1		12/05/09 04:36	78-87-5	
1,3-Dichloropropane	ND ug/kg	3.9	1		12/05/09 04:36	142-28-9	
2,2-Dichloropropane	ND ug/kg	3.9	1		12/05/09 04:36	594-20-7	
1,1-Dichloropropene	ND ug/kg	3.9	1		12/05/09 04:36	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg	3.9	1		12/05/09 04:36	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg	3.9	1		12/05/09 04:36	10061-02-6	
Diisopropyl ether	ND ug/kg	3.9	1		12/05/09 04:36	108-20-3	
Ethylbenzene	ND ug/kg	3.9	1		12/05/09 04:36	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-4 Lab ID: 9258741009 Collected: 12/01/09 12:55 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	1		12/05/09 04:36	87-68-3	
2-Hexanone	ND	ug/kg	38.6	1		12/05/09 04:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1		12/05/09 04:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1		12/05/09 04:36	99-87-6	
Methylene Chloride	ND	ug/kg	15.4	1		12/05/09 04:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	38.6	1		12/05/09 04:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1		12/05/09 04:36	1634-04-4	
Naphthalene	ND	ug/kg	3.9	1		12/05/09 04:36	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1		12/05/09 04:36	103-65-1	
Styrene	ND	ug/kg	3.9	1		12/05/09 04:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	1		12/05/09 04:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1		12/05/09 04:36	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1		12/05/09 04:36	127-18-4	
Toluene	ND	ug/kg	3.9	1		12/05/09 04:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	1		12/05/09 04:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1		12/05/09 04:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1		12/05/09 04:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1		12/05/09 04:36	79-00-5	
Trichloroethene	ND	ug/kg	3.9	1		12/05/09 04:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	1		12/05/09 04:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.9	1		12/05/09 04:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1		12/05/09 04:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1		12/05/09 04:36	108-67-8	
Vinyl acetate	ND	ug/kg	38.6	1		12/05/09 04:36	108-05-4	
Vinyl chloride	ND	ug/kg	7.7	1		12/05/09 04:36	75-01-4	
Xylene (Total)	ND	ug/kg	7.7	1		12/05/09 04:36	1330-20-7	
m&p-Xylene	ND	ug/kg	7.7	1		12/05/09 04:36	1330-20-7	
o-Xylene	ND	ug/kg	3.9	1		12/05/09 04:36	95-47-6	
Dibromofluoromethane (S)	117 %		79-116	1		12/05/09 04:36	1868-53-7	S3
Toluene-d8 (S)	99 %		88-110	1		12/05/09 04:36	2037-26-5	
4-Bromofluorobenzene (S)	96 %		74-115	1		12/05/09 04:36	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		69-121	1		12/05/09 04:36	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	12.5 %	0.10	1	12/04/09 09:08
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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-B Lab ID: 9258741010 Collected: 12/01/09 09:04 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	3260 mg/kg		117	20	12/03/09 13:45	12/04/09 12:51	68334-30-5	
n-Pentacosane (S)	0 %		50-135	20	12/03/09 13:45	12/04/09 12:51	629-99-2	S4
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	2200 mg/kg		585	50	12/07/09 11:45	12/11/09 17:29		
Aliphatic (C19-C36)	ND mg/kg		585	50	12/07/09 11:45	12/11/09 17:29		
Aromatic (C11-C22)	1520 mg/kg		234	20	12/07/09 11:45	12/10/09 22:04		
Nonatriacontane (S)	0 %		40-140	50	12/07/09 11:45	12/11/09 17:29	7194-86-7	S4
o-Terphenyl (S)	0 %		40-140	20	12/07/09 11:45	12/10/09 22:04	84-15-1	S4
2-Fluorobiphenyl (S)	0 %		40-140	20	12/07/09 11:45	12/10/09 22:04	321-60-8	S4
2-Bromonaphthalene (S)	0 %		40-140	20	12/07/09 11:45	12/10/09 22:04	580-13-2	S4
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	46.0 mg/kg		4.7	1	12/10/09 04:41	12/10/09 23:40	8006-61-9	
4-Bromofluorobenzene (S)	138 %		50-135	1	12/10/09 04:41	12/10/09 23:40	460-00-4	S5
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		11.3	1	12/08/09 03:54	12/10/09 04:13		
Aliphatic (C09-C12)	169 mg/kg		11.3	1	12/08/09 03:54	12/10/09 04:13		
Aromatic (C09-C10)	78.8 mg/kg		11.3	1	12/08/09 03:54	12/10/09 04:13		
2,5-Dibromotoluene (PID)(S)	121 %		70-130	1	12/08/09 03:54	12/10/09 04:13		
2,5-Dibromotoluene (FID)(S)	164 %		70-130	1	12/08/09 03:54	12/10/09 04:13		S5
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/08/09 20:27	12/12/09 07:32	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/08/09 20:27	12/12/09 07:32	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/08/09 20:27	12/12/09 07:32	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-B Lab ID: 9258741010 Collected: 12/01/09 09:04 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
1,2-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 07:32	91-94-1	L1
2,4-Dichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	120-83-2	
Diethylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	105-67-9	
Dimethylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 07:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 07:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	117-81-7	
Fluoranthene	83.8	ug/kg	32.8	1	12/08/09 20:27	12/12/09 07:32	206-44-0	
Fluorene	2730	ug/kg	32.8	1	12/08/09 20:27	12/12/09 07:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 07:32	77-47-4	
Hexachloroethane	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.8	1	12/08/09 20:27	12/12/09 07:32	193-39-5	
Isophorone	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	78-59-1	
1-Methylnaphthalene	30000	ug/kg	656	20	12/08/09 20:27	12/16/09 19:08	90-12-0	
2-Methylnaphthalene	53600	ug/kg	656	20	12/08/09 20:27	12/16/09 19:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32		
Naphthalene	9390	ug/kg	656	20	12/08/09 20:27	12/16/09 19:08	91-20-3	
2-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	88-74-4	
3-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	99-09-2	
4-Nitroaniline	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	100-01-6	
Nitrobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	98-95-3	
2-Nitrophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	88-75-5	
4-Nitrophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	86-30-6	
Pentachlorophenol	ND	ug/kg	666	1	12/08/09 20:27	12/12/09 07:32	87-86-5	
Phenanthrene	8330	ug/kg	656	20	12/08/09 20:27	12/16/09 19:08	85-01-8	
Phenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	108-95-2	
Pyrene	317	ug/kg	32.8	1	12/08/09 20:27	12/12/09 07:32	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	169	1	12/08/09 20:27	12/12/09 07:32	88-06-2	
Nitrobenzene-d5 (S)	140	%	10-110	1	12/08/09 20:27	12/12/09 07:32	4165-60-0	S5

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

Sample: TT-2089-B Lab ID: 9258741010 Collected: 12/01/09 09:04 Received: 12/03/09 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	80 %		18-110	1	12/08/09 20:27	12/12/09 07:32	321-60-8	
Terphenyl-d14 (S)	97 %		10-123	1	12/08/09 20:27	12/12/09 07:32	1718-51-0	
Phenol-d6 (S)	64 %		10-110	1	12/08/09 20:27	12/12/09 07:32	13127-88-3	
2-Fluorophenol (S)	53 %		18-110	1	12/08/09 20:27	12/12/09 07:32	367-12-4	
2,4,6-Tribromophenol (S)	45 %		10-110	1	12/08/09 20:27	12/12/09 07:32	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND ug/kg		41700	500		12/05/09 08:14	67-64-1	
Benzene	ND ug/kg		2080	500		12/05/09 08:14	71-43-2	
Bromobenzene	ND ug/kg		2080	500		12/05/09 08:14	108-86-1	
Bromochloromethane	ND ug/kg		2080	500		12/05/09 08:14	74-97-5	
Bromodichloromethane	ND ug/kg		2080	500		12/05/09 08:14	75-27-4	
Bromoform	ND ug/kg		2080	500		12/05/09 08:14	75-25-2	
Bromomethane	ND ug/kg		4170	500		12/05/09 08:14	74-83-9	
2-Butanone (MEK)	ND ug/kg		41700	500		12/05/09 08:14	78-93-3	
n-Butylbenzene	5140 ug/kg		2080	500		12/05/09 08:14	104-51-8	
sec-Butylbenzene	4160 ug/kg		2080	500		12/05/09 08:14	135-98-8	
tert-Butylbenzene	ND ug/kg		2080	500		12/05/09 08:14	98-06-6	
Carbon tetrachloride	ND ug/kg		2080	500		12/05/09 08:14	56-23-5	
Chlorobenzene	ND ug/kg		2080	500		12/05/09 08:14	108-90-7	
Chloroethane	ND ug/kg		4170	500		12/05/09 08:14	75-00-3	
Chloroform	ND ug/kg		2080	500		12/05/09 08:14	67-66-3	
Chloromethane	ND ug/kg		4170	500		12/05/09 08:14	74-87-3	
2-Chlorotoluene	ND ug/kg		2080	500		12/05/09 08:14	95-49-8	
4-Chlorotoluene	ND ug/kg		2080	500		12/05/09 08:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		2080	500		12/05/09 08:14	96-12-8	
Dibromochloromethane	ND ug/kg		2080	500		12/05/09 08:14	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		2080	500		12/05/09 08:14	106-93-4	
Dibromomethane	ND ug/kg		2080	500		12/05/09 08:14	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		2080	500		12/05/09 08:14	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		2080	500		12/05/09 08:14	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		2080	500		12/05/09 08:14	106-46-7	
Dichlorodifluoromethane	ND ug/kg		4170	500		12/05/09 08:14	75-71-8	
1,1-Dichloroethane	ND ug/kg		2080	500		12/05/09 08:14	75-34-3	
1,2-Dichloroethane	ND ug/kg		2080	500		12/05/09 08:14	107-06-2	
1,1-Dichloroethene	ND ug/kg		2080	500		12/05/09 08:14	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		2080	500		12/05/09 08:14	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		2080	500		12/05/09 08:14	156-60-5	
1,2-Dichloropropane	ND ug/kg		2080	500		12/05/09 08:14	78-87-5	
1,3-Dichloropropane	ND ug/kg		2080	500		12/05/09 08:14	142-28-9	
2,2-Dichloropropane	ND ug/kg		2080	500		12/05/09 08:14	594-20-7	
1,1-Dichloropropene	ND ug/kg		2080	500		12/05/09 08:14	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		2080	500		12/05/09 08:14	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		2080	500		12/05/09 08:14	10061-02-6	
Diisopropyl ether	ND ug/kg		2080	500		12/05/09 08:14	108-20-3	
Ethylbenzene	ND ug/kg		2080	500		12/05/09 08:14	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

Sample: TT-2089-B Lab ID: 9258741010 Collected: 12/01/09 09:04 Received: 12/03/09 09:30 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						
Hexachloro-1,3-butadiene	ND	ug/kg	2080	500		12/05/09 08:14	87-68-3	
2-Hexanone	ND	ug/kg	20800	500		12/05/09 08:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2080	500		12/05/09 08:14	98-82-8	
p-Isopropyltoluene	6780	ug/kg	2080	500		12/05/09 08:14	99-87-6	
Methylene Chloride	ND	ug/kg	8340	500		12/05/09 08:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20800	500		12/05/09 08:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2080	500		12/05/09 08:14	1634-04-4	
Naphthalene	12000	ug/kg	2080	500		12/05/09 08:14	91-20-3	
n-Propylbenzene	3830	ug/kg	2080	500		12/05/09 08:14	103-65-1	
Styrene	ND	ug/kg	2080	500		12/05/09 08:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2080	500		12/05/09 08:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2080	500		12/05/09 08:14	79-34-5	
Tetrachloroethene	ND	ug/kg	2080	500		12/05/09 08:14	127-18-4	
Toluene	ND	ug/kg	2080	500		12/05/09 08:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2080	500		12/05/09 08:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2080	500		12/05/09 08:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2080	500		12/05/09 08:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2080	500		12/05/09 08:14	79-00-5	
Trichloroethene	ND	ug/kg	2080	500		12/05/09 08:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2080	500		12/05/09 08:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2080	500		12/05/09 08:14	96-18-4	
1,2,4-Trimethylbenzene	15100	ug/kg	2080	500		12/05/09 08:14	95-63-6	
1,3,5-Trimethylbenzene	4490	ug/kg	2080	500		12/05/09 08:14	108-67-8	
Vinyl acetate	ND	ug/kg	20800	500		12/05/09 08:14	108-05-4	
Vinyl chloride	ND	ug/kg	4170	500		12/05/09 08:14	75-01-4	
Xylene (Total)	ND	ug/kg	4170	500		12/05/09 08:14	1330-20-7	
m&p-Xylene	ND	ug/kg	4170	500		12/05/09 08:14	1330-20-7	
o-Xylene	ND	ug/kg	2080	500		12/05/09 08:14	95-47-6	
Dibromofluoromethane (S)	97 %		79-116	500		12/05/09 08:14	1868-53-7	D3
Toluene-d8 (S)	101 %		88-110	500		12/05/09 08:14	2037-26-5	
4-Bromofluorobenzene (S)	97 %		74-115	500		12/05/09 08:14	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		69-121	500		12/05/09 08:14	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	14.6 %	0.10	1	12/04/09 09:08
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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

QC Batch: OEXT/8711

Analysis Method: EPA 8015 Modified

QC Batch Method: EPA 3546

Analysis Description: 8015 Solid GCSV

Associated Lab Samples: 9258741002, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

METHOD BLANK: 374368

Matrix: Solid

Associated Lab Samples: 9258741002, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	5.0	12/04/09 01:26	
n-Pentacosane (S)	%	97	50-135	12/04/09 01:26	

LABORATORY CONTROL SAMPLE & LCSD: 374369

374370

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Components	mg/kg	167	148	157	89		50-114	5		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 374371

374372

Parameter	Units	9258741002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	ND	193	193	98.9	97.2	51	50	50-107	2	
n-Pentacosane (S)	%						62	49	50-135		S2

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

QC Batch: OEXT/8736 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 3546 Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 9258741001, 9258741003

METHOD BLANK: 375795 Matrix: Solid

Associated Lab Samples: 9258741001, 9258741003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	5.0	12/09/09 08:31	
n-Pentacosane (S)	%	103	50-135	12/09/09 08:31	

LABORATORY CONTROL SAMPLE & LCSD: 375796

375797

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Components	mg/kg	167	122	141	73		50-114	14		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 375798

375799

Parameter	Units	9258835002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	53.3	189	189	283	224	122	91	50-107	23	M3
n-Pentacosane (S)	%						190	182	50-135		S2

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

QC Batch: OEXT/8732 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Soil
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

METHOD BLANK: 375688 Matrix: Solid
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C18)	mg/kg	ND	10.0	12/09/09 21:34	
Aliphatic (C19-C36)	mg/kg	ND	10.0	12/09/09 21:34	
Aromatic (C11-C22)	mg/kg	ND	10.0	12/09/09 21:34	
2-Bromonaphthalene (S)	%	116	40-140	12/09/09 21:34	
2-Fluorobiphenyl (S)	%	114	40-140	12/09/09 21:34	
Nonatriacontane (S)	%	86	40-140	12/09/09 21:34	
o-Terphenyl (S)	%	96	40-140	12/09/09 21:34	

LABORATORY CONTROL SAMPLE & LCSD: 375689

375690

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	84	72	40-140		50	
Aliphatic (C19-C36)	mg/kg	13.3	13.6	10.7	102	81	40-140	23	50	
Aromatic (C11-C22)	mg/kg	28.3	22.4	21.6	79	76	40-140	4	50	
2-Bromonaphthalene (S)	%				91	84	40-140			
2-Fluorobiphenyl (S)	%				88	81	40-140			
Nonatriacontane (S)	%				92	82	40-140			
o-Terphenyl (S)	%				78	69	40-140			

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

QC Batch: GCV/3664 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 9258741001, 9258741002

METHOD BLANK: 376356 Matrix: Solid

Associated Lab Samples: 9258741001, 9258741002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	6.0	12/09/09 19:41	
4-Bromofluorobenzene (S)	%	87	50-135	12/09/09 19:41	

LABORATORY CONTROL SAMPLE: 376357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	25	18.4	74	70-150	
4-Bromofluorobenzene (S)	%			68	50-135	

MATRIX SPIKE SAMPLE: 376358

Parameter	Units	9258483004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	ND	29.5	27.4	93	70-148	
4-Bromofluorobenzene (S)	%				98	50-135	

SAMPLE DUPLICATE: 376359

Parameter	Units	9258530001 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%		117	15	

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

QC Batch: GCV/3668 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

METHOD BLANK: 377636 Matrix: Solid
Associated Lab Samples: 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	6.0	12/10/09 19:36	
4-Bromofluorobenzene (S)	%	71	50-135	12/10/09 19:36	

LABORATORY CONTROL SAMPLE: 377637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	25	21.9	88	70-150	
4-Bromofluorobenzene (S)	%			110	50-135	

MATRIX SPIKE SAMPLE: 377638

Parameter	Units	9258741003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	ND	30.1	34.5	115	70-148	
4-Bromofluorobenzene (S)	%				76	50-135	

SAMPLE DUPLICATE: 377639

Parameter	Units	9258741004 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%		88	26	

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

QC Batch: GCV/3663 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Soil
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

METHOD BLANK: 376352 Matrix: Solid
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	10.0	12/09/09 20:52	
Aliphatic (C09-C12)	mg/kg	ND	10.0	12/09/09 20:52	
Aromatic (C09-C10)	mg/kg	ND	10.0	12/09/09 20:52	
2,5-Dibromotoluene (FID)(S)	%	92	70-130	12/09/09 20:52	
2,5-Dibromotoluene (PID)(S)	%	100	70-130	12/09/09 20:52	

LABORATORY CONTROL SAMPLE & LCSD: 376353

376354

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	16.7	17.3	111	115	70-130	4	25	
Aliphatic (C09-C12)	mg/kg	15	13.2	15.1	88	101	30-130	13	25	
Aromatic (C09-C10)	mg/kg	5	ND	ND	102	106	70-130		25	
2,5-Dibromotoluene (FID)(S)	%				115	113	70-130			
2,5-Dibromotoluene (PID)(S)	%				120	117	70-130			

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

QC Batch: MSSV/1465 Analysis Method: EPA 8270
QC Batch Method: EPA 8270 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

METHOD BLANK: 24701 Matrix: Solid
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	167	12/12/09 00:34	
1,2-Dichlorobenzene	ug/kg	ND	167	12/12/09 00:34	
1,2-Diphenylhydrazine	ug/kg	ND	167	12/12/09 00:34	
1,3-Dichlorobenzene	ug/kg	ND	167	12/12/09 00:34	
1,4-Dichlorobenzene	ug/kg	ND	167	12/12/09 00:34	
1-Methylnaphthalene	ug/kg	ND	32.5	12/12/09 00:34	
2,4,5-Trichlorophenol	ug/kg	ND	167	12/12/09 00:34	
2,4,6-Trichlorophenol	ug/kg	ND	167	12/12/09 00:34	
2,4-Dichlorophenol	ug/kg	ND	167	12/12/09 00:34	
2,4-Dimethylphenol	ug/kg	ND	167	12/12/09 00:34	
2,4-Dinitrophenol	ug/kg	ND	659	12/12/09 00:34	
2,4-Dinitrotoluene	ug/kg	ND	167	12/12/09 00:34	
2,6-Dinitrotoluene	ug/kg	ND	167	12/12/09 00:34	
2-Chloronaphthalene	ug/kg	ND	167	12/12/09 00:34	
2-Chlorophenol	ug/kg	ND	167	12/12/09 00:34	
2-Methylnaphthalene	ug/kg	ND	32.5	12/12/09 00:34	
2-Methylphenol(o-Cresol)	ug/kg	ND	167	12/12/09 00:34	
2-Nitroaniline	ug/kg	ND	167	12/12/09 00:34	
2-Nitrophenol	ug/kg	ND	167	12/12/09 00:34	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	167	12/12/09 00:34	
3,3'-Dichlorobenzidine	ug/kg	ND	659	12/12/09 00:34	
3-Nitroaniline	ug/kg	ND	167	12/12/09 00:34	
4,6-Dinitro-2-methylphenol	ug/kg	ND	659	12/12/09 00:34	
4-Bromophenylphenyl ether	ug/kg	ND	167	12/12/09 00:34	
4-Chloro-3-methylphenol	ug/kg	ND	659	12/12/09 00:34	
4-Chloroaniline	ug/kg	ND	167	12/12/09 00:34	
4-Chlorophenylphenyl ether	ug/kg	ND	167	12/12/09 00:34	
4-Nitroaniline	ug/kg	ND	167	12/12/09 00:34	
4-Nitrophenol	ug/kg	ND	167	12/12/09 00:34	
Acenaphthene	ug/kg	ND	32.5	12/12/09 00:34	
Acenaphthylene	ug/kg	ND	32.5	12/12/09 00:34	
Anthracene	ug/kg	ND	32.5	12/12/09 00:34	
Benzo(a)anthracene	ug/kg	ND	32.5	12/12/09 00:34	
Benzo(a)pyrene	ug/kg	ND	32.5	12/12/09 00:34	
Benzo(b)fluoranthene	ug/kg	ND	32.5	12/12/09 00:34	
Benzo(g,h,i)perylene	ug/kg	ND	32.5	12/12/09 00:34	
Benzo(k)fluoranthene	ug/kg	ND	32.5	12/12/09 00:34	
bis(2-Chloroethoxy)methane	ug/kg	ND	167	12/12/09 00:34	
bis(2-Chloroethyl) ether	ug/kg	ND	167	12/12/09 00:34	
bis(2-Chloroisopropyl) ether	ug/kg	ND	167	12/12/09 00:34	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	167	12/12/09 00:34	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

METHOD BLANK: 24701

Matrix: Solid

Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	167	12/12/09 00:34	
Chrysene	ug/kg	ND	32.5	12/12/09 00:34	
Di-n-butylphthalate	ug/kg	ND	167	12/12/09 00:34	
Di-n-octylphthalate	ug/kg	ND	167	12/12/09 00:34	
Dibenz(a,h)anthracene	ug/kg	ND	32.5	12/12/09 00:34	
Dibenzofuran	ug/kg	ND	167	12/12/09 00:34	
Diethylphthalate	ug/kg	ND	167	12/12/09 00:34	
Dimethylphthalate	ug/kg	ND	167	12/12/09 00:34	
Fluoranthene	ug/kg	ND	32.5	12/12/09 00:34	
Fluorene	ug/kg	ND	32.5	12/12/09 00:34	
Hexachloro-1,3-butadiene	ug/kg	ND	167	12/12/09 00:34	
Hexachlorobenzene	ug/kg	ND	167	12/12/09 00:34	
Hexachlorocyclopentadiene	ug/kg	ND	659	12/12/09 00:34	
Hexachloroethane	ug/kg	ND	167	12/12/09 00:34	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	32.5	12/12/09 00:34	
Isophorone	ug/kg	ND	167	12/12/09 00:34	
N-Nitroso-di-n-propylamine	ug/kg	ND	167	12/12/09 00:34	
N-Nitrosodimethylamine	ug/kg	ND	167	12/12/09 00:34	
N-Nitrosodiphenylamine	ug/kg	ND	167	12/12/09 00:34	
Naphthalene	ug/kg	ND	32.5	12/12/09 00:34	
Nitrobenzene	ug/kg	ND	167	12/12/09 00:34	
Pentachlorophenol	ug/kg	ND	659	12/12/09 00:34	
Phenanthrene	ug/kg	ND	32.5	12/12/09 00:34	
Phenol	ug/kg	ND	167	12/12/09 00:34	
Pyrene	ug/kg	ND	32.5	12/12/09 00:34	
2,4,6-Tribromophenol (S)	%	79	10-110	12/12/09 00:34	
2-Fluorobiphenyl (S)	%	76	18-110	12/12/09 00:34	
2-Fluorophenol (S)	%	67	18-110	12/12/09 00:34	
Nitrobenzene-d5 (S)	%	69	10-110	12/12/09 00:34	
Phenol-d6 (S)	%	69	10-110	12/12/09 00:34	
Terphenyl-d14 (S)	%	83	10-123	12/12/09 00:34	

LABORATORY CONTROL SAMPLE: 24702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1620	1060	65	55.2-104.2	
1,2-Dichlorobenzene	ug/kg	1620	974	60	46.8-80.1	
1,2-Diphenylhydrazine	ug/kg	1620	1250	77		
1,3-Dichlorobenzene	ug/kg	1620	1020	63	46.4-80.6	
1,4-Dichlorobenzene	ug/kg	1620	1050	65	37.4-86.7	
1-Methylnaphthalene	ug/kg	1620	1070	66	20.7-121.7	
2,4,5-Trichlorophenol	ug/kg	1620	1330	82	58.1-101.3	
2,4,6-Trichlorophenol	ug/kg	1620	1330	82	46.2-106	
2,4-Dichlorophenol	ug/kg	1620	1160	72	47.1-102	

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

LABORATORY CONTROL SAMPLE: 24702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1620	1100	67	54.1-109.9	
2,4-Dinitrophenol	ug/kg	1620	1240	76	57.6-108	
2,4-Dinitrotoluene	ug/kg	1620	1310	81	62.7-99.2	
2,6-Dinitrotoluene	ug/kg	1620	1290	79	53.2-110.8	
2-Chloronaphthalene	ug/kg	1620	1180	73	49.8-101	
2-Chlorophenol	ug/kg	1620	1020	63	48.2-85.3	
2-Methylnaphthalene	ug/kg	1620	1140	70	20.9-121.3	
2-Methylphenol(o-Cresol)	ug/kg	1620	1100	68	53.2-93.1	
2-Nitroaniline	ug/kg	1620	1210	75	64.2-102.8	
2-Nitrophenol	ug/kg	1620	1100	68	35-142.5	
3&4-Methylphenol(m&p Cresol)	ug/kg	1620	1140	70	50.1-87	
3,3'-Dichlorobenzidine	ug/kg	1620	1510	93	51.7-91.9	L3
3-Nitroaniline	ug/kg	1620	1360	84	64.9-102.5	
4,6-Dinitro-2-methylphenol	ug/kg	1620	1300	80	49.2-104.9	
4-Bromophenylphenyl ether	ug/kg	1620	1280	79	61-96.5	
4-Chloro-3-methylphenol	ug/kg	1620	1180	73	63.4-98.7	
4-Chloroaniline	ug/kg	1620	1120	69	54.8-90.6	
4-Chlorophenylphenyl ether	ug/kg	1620	1290	80	55.1-97.6	
4-Nitroaniline	ug/kg	1620	1290	80	48.6-95.1	
4-Nitrophenol	ug/kg	1620	1590	98	27.1-112	
Acenaphthene	ug/kg	1620	1240	77	22-124.1	
Acenaphthylene	ug/kg	1620	1230	76	22.7-127.8	
Anthracene	ug/kg	1620	1340	83	23.8-117	
Benzo(a)anthracene	ug/kg	1620	1330	82	25.7-125	
Benzo(a)pyrene	ug/kg	1620	1310	81	25.5-126.9	
Benzo(b)fluoranthene	ug/kg	1620	1470	91	24.9-132.8	
Benzo(g,h,i)perylene	ug/kg	1620	1420	88	28.1-134.9	
Benzo(k)fluoranthene	ug/kg	1620	1210	75	30.1-135.6	
bis(2-Chloroethoxy)methane	ug/kg	1620	1070	66	51-93.2	
bis(2-Chloroethyl) ether	ug/kg	1620	959	59	50.3-86.8	
bis(2-Chloroisopropyl) ether	ug/kg	1620	1010	62	43.1-87.3	
bis(2-Ethylhexyl)phthalate	ug/kg	1620	1220	75	10-238.8	
Butylbenzylphthalate	ug/kg	1620	1310	81	55.5-116	
Chrysene	ug/kg	1620	1280	79	25.9-129.8	
Di-n-butylphthalate	ug/kg	1620	1290	79	63.2-102.6	
Di-n-octylphthalate	ug/kg	1620	1210	75	56.5-119.9	
Dibenz(a,h)anthracene	ug/kg	1620	1360	84	28.1-136	
Dibenzofuran	ug/kg	1620	1200	74	44-89.3	
Diethylphthalate	ug/kg	1620	1330	82	64.9-94.9	
Dimethylphthalate	ug/kg	1620	1310	81	55.3-94.5	
Fluoranthene	ug/kg	1620	1270	78	27.6-129.1	
Fluorene	ug/kg	1620	1340	83	22.1-134.4	
Hexachloro-1,3-butadiene	ug/kg	1620	1110	68	23.8-97.1	
Hexachlorobenzene	ug/kg	1620	1300	80	43.5-98.2	
Hexachlorocyclopentadiene	ug/kg	1620	988	61	37.1-91.2	
Hexachloroethane	ug/kg	1620	1000	62	50.9-110.2	
Indeno(1,2,3-cd)pyrene	ug/kg	1620	1350	83	27.4-134	
Isophorone	ug/kg	1620	1110	69	54.7-91.2	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

LABORATORY CONTROL SAMPLE: 24702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitroso-di-n-propylamine	ug/kg	1620	1120	69	60.7-96.7	
N-Nitrosodimethylamine	ug/kg	1620	987	61	50.7-89.6	
N-Nitrosodiphenylamine	ug/kg	1620	1270	78	53.8-112.6	
Naphthalene	ug/kg	1620	1080	66	19.8-116.2	
Nitrobenzene	ug/kg	1620	999	62	54.6-87.7	
Pentachlorophenol	ug/kg	1620	1410	87	35.6-133.1	
Phenanthrene	ug/kg	1620	1300	80	27.7-128.9	
Phenol	ug/kg	1620	946	58	49.3-102.8	
Pyrene	ug/kg	1620	1280	79	27.7-128.9	
2,4,6-Tribromophenol (S)	%			84	10-110	
2-Fluorobiphenyl (S)	%			71	18-110	
2-Fluorophenol (S)	%			57	18-110	
Nitrobenzene-d5 (S)	%			65	10-110	
Phenol-d6 (S)	%			65	10-110	
Terphenyl-d14 (S)	%			80	10-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 24703

24704

Parameter	Units	9258559002 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	1670	1670	1020	1200	61	72	55.2-104	16	
1,2-Dichlorobenzene	ug/kg	ND	1670	1670	949	1050	57	63	46.8-80.	10	
1,2-Diphenylhydrazine	ug/kg	ND	1670	1670	1300	1360	78	82		5	
1,3-Dichlorobenzene	ug/kg	ND	1670	1670	949	1090	57	65	46.4-80.	13	
1,4-Dichlorobenzene	ug/kg	ND	1670	1670	1030	1140	62	68	37.4-86.	10	
1-Methylnaphthalene	ug/kg	ND	1670	1670	1060	1260	63	75	20.7-121	17	
2,4,5-Trichlorophenol	ug/kg	ND	1670	1670	1340	1320	81	79	58.1-101	2	
2,4,6-Trichlorophenol	ug/kg	ND	1670	1670	1290	1490	78	89	46.2-106	14	
2,4-Dichlorophenol	ug/kg	ND	1670	1670	1120	1370	67	82	47.1-102	20	
2,4-Dimethylphenol	ug/kg	ND	1670	1670	1020	1220	61	73	54.1-109	18	
2,4-Dinitrophenol	ug/kg	ND	1670	1670	1140	1190	69	71	57.6-108	4	
2,4-Dinitrotoluene	ug/kg	ND	1670	1670	1310	1380	79	83	62.7-99.	5	
2,6-Dinitrotoluene	ug/kg	ND	1670	1670	1270	1340	76	80	53.2-110	5	
2-Chloronaphthalene	ug/kg	ND	1670	1670	1170	1250	70	75	49.8-101	7	
2-Chlorophenol	ug/kg	ND	1670	1670	996	1130	60	68	48.2-85.	13	
2-Methylnaphthalene	ug/kg	ND	1670	1670	1080	1290	65	77	20.9-121	17	
2-Methylphenol(o-Cresol)	ug/kg	ND	1670	1670	1000	1100	60	66	53.2-93.	9	
2-Nitroaniline	ug/kg	ND	1670	1670	1230	1330	74	80	64.2-102	8	
2-Nitrophenol	ug/kg	ND	1670	1670	1080	1260	65	76	35-142.5	16	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1670	1670	1060	1150	63	69	50.1-87	8	
3,3'-Dichlorobenzidine	ug/kg	ND	1670	1670	1510	1540	90	92	51.7-91.	2 M0	
3-Nitroaniline	ug/kg	ND	1670	1670	1340	1400	80	84	64.9-102	5	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1670	1670	1360	1390	81	83	49.2-104	2	
4-Bromophenylphenyl ether	ug/kg	ND	1670	1670	1330	1340	80	80	61-96.5	.8	
4-Chloro-3-methylphenol	ug/kg	ND	1670	1670	1110	1390	67	83	63.4-98.	22	
4-Chloroaniline	ug/kg	ND	1670	1670	1030	1240	62	75	54.8-90.	18	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 24703 24704											
Parameter	Units	9258559002 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	1670	1670	1290	1350	78	81	55.1-97.	5	
4-Nitroaniline	ug/kg	ND	1670	1670	1370	1360	82	81	48.6-95.	1	
4-Nitrophenol	ug/kg	ND	1670	1670	1490	1640	89	98	27.1-112	9	
Acenaphthene	ug/kg	ND	1670	1670	1200	1320	72	79	22-124.1	9	
Acenaphthylene	ug/kg	ND	1670	1670	1150	1320	69	79	22.7-127	14	
Anthracene	ug/kg	ND	1670	1670	1380	1400	83	84	23.8-117	2	
Benzo(a)anthracene	ug/kg	ND	1670	1670	1330	1360	80	82	25.7-125	3	
Benzo(a)pyrene	ug/kg	ND	1670	1670	1320	1410	79	85	25.5-126	7	
Benzo(b)fluoranthene	ug/kg	ND	1670	1670	1430	1440	86	87	24.9-132	1	
Benzo(g,h,i)perylene	ug/kg	ND	1670	1670	1500	1590	90	95	28.1-134	6	
Benzo(k)fluoranthene	ug/kg	ND	1670	1670	1340	1480	80	89	30.1-135	10	
bis(2-Chloroethoxy)methane	ug/kg	ND	1670	1670	1010	1170	61	70	51-93.2	15	
bis(2-Chloroethyl) ether	ug/kg	ND	1670	1670	902	1060	54	64	50.3-86.	17	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1670	1670	979	1090	59	66	43.1-87.	11	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1670	1670	1250	1310	75	79	10-238.8	5	
Butylbenzylphthalate	ug/kg	ND	1670	1670	1300	1360	78	82	55.5-116	5	
Chrysene	ug/kg	ND	1670	1670	1330	1360	80	81	25.9-129	2	
Di-n-butylphthalate	ug/kg	ND	1670	1670	1390	1410	83	85	63.2-102	1	
Di-n-octylphthalate	ug/kg	ND	1670	1670	1270	1310	76	78	56.5-119	3	
Dibenz(a,h)anthracene	ug/kg	ND	1670	1670	1400	1480	84	89	28.1-136	5	
Dibenzofuran	ug/kg	ND	1670	1670	1210	1290	72	78	44-89.3	7	
Diethylphthalate	ug/kg	ND	1670	1670	1290	1360	77	82	64.9-94.	6	
Dimethylphthalate	ug/kg	ND	1670	1670	1280	1300	77	78	55.3-94.	1	
Fluoranthene	ug/kg	ND	1670	1670	1370	1350	82	81	27.6-129	2	
Fluorene	ug/kg	ND	1670	1670	1340	1430	80	86	22.1-134	7	
Hexachloro-1,3-butadiene	ug/kg	ND	1670	1670	1040	1180	62	71	23.8-97.	13	
Hexachlorobenzene	ug/kg	ND	1670	1670	1370	1410	82	84	43.5-98.	3	
Hexachlorocyclopentadiene	ug/kg	ND	1670	1670	967	1080	58	65	37.1-91.	11	
Hexachloroethane	ug/kg	ND	1670	1670	1010	1090	60	65	50.9-110	8	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1670	1670	1380	1460	83	88	27.4-134	6	
Isophorone	ug/kg	ND	1670	1670	1030	1250	62	75	54.7-91.	20	
N-Nitroso-di-n-propylamine	ug/kg	ND	1670	1670	1080	1210	65	73	60.7-96.	11	
N-Nitrosodimethylamine	ug/kg	ND	1670	1670	922	1050	55	63	50.7-89.	13	
N-Nitrosodiphenylamine	ug/kg	ND	1670	1670	1350	1410	81	84	53.8-112	4	
Naphthalene	ug/kg	ND	1670	1670	1030	1180	62	71	19.8-116	14	
Nitrobenzene	ug/kg	ND	1670	1670	957	1150	57	69	54.6-87.	19	
Pentachlorophenol	ug/kg	ND	1670	1670	1370	1440	82	86	35.6-133	5	
Phenanthrene	ug/kg	ND	1670	1670	1340	1380	80	82	27.7-128	3	
Phenol	ug/kg	ND	1670	1670	877	1010	53	60	49.3-102	14	
Pyrene	ug/kg	ND	1670	1670	1330	1390	80	84	27.7-128	5	
2,4,6-Tribromophenol (S)	%						87	89	10-110		
2-Fluorobiphenyl (S)	%						67	75	18-110		
2-Fluorophenol (S)	%						47	57	18-110		
Nitrobenzene-d5 (S)	%						61	69	10-110		
Phenol-d6 (S)	%						56	63	10-110		
Terphenyl-d14 (S)	%						79	84	10-123		

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

QC Batch: MSV/9238 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741006

METHOD BLANK: 374981 Matrix: Solid
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/04/09 21:56	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/04/09 21:56	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/04/09 21:56	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/04/09 21:56	
1,1-Dichloroethane	ug/kg	ND	5.0	12/04/09 21:56	
1,1-Dichloroethene	ug/kg	ND	5.0	12/04/09 21:56	
1,1-Dichloropropene	ug/kg	ND	5.0	12/04/09 21:56	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/04/09 21:56	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/04/09 21:56	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/04/09 21:56	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/04/09 21:56	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/04/09 21:56	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/04/09 21:56	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/04/09 21:56	
1,2-Dichloroethane	ug/kg	ND	5.0	12/04/09 21:56	
1,2-Dichloropropane	ug/kg	ND	5.0	12/04/09 21:56	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/04/09 21:56	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/04/09 21:56	
1,3-Dichloropropane	ug/kg	ND	5.0	12/04/09 21:56	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/04/09 21:56	
2,2-Dichloropropane	ug/kg	ND	5.0	12/04/09 21:56	
2-Butanone (MEK)	ug/kg	ND	100	12/04/09 21:56	
2-Chlorotoluene	ug/kg	ND	5.0	12/04/09 21:56	
2-Hexanone	ug/kg	ND	50.0	12/04/09 21:56	
4-Chlorotoluene	ug/kg	ND	5.0	12/04/09 21:56	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	12/04/09 21:56	
Acetone	ug/kg	ND	100	12/04/09 21:56	
Benzene	ug/kg	ND	5.0	12/04/09 21:56	
Bromobenzene	ug/kg	ND	5.0	12/04/09 21:56	
Bromochloromethane	ug/kg	ND	5.0	12/04/09 21:56	
Bromodichloromethane	ug/kg	ND	5.0	12/04/09 21:56	
Bromoform	ug/kg	ND	5.0	12/04/09 21:56	
Bromomethane	ug/kg	ND	10.0	12/04/09 21:56	
Carbon tetrachloride	ug/kg	ND	5.0	12/04/09 21:56	
Chlorobenzene	ug/kg	ND	5.0	12/04/09 21:56	
Chloroethane	ug/kg	ND	10.0	12/04/09 21:56	
Chloroform	ug/kg	ND	5.0	12/04/09 21:56	
Chloromethane	ug/kg	ND	10.0	12/04/09 21:56	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/04/09 21:56	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/04/09 21:56	
Dibromochloromethane	ug/kg	ND	5.0	12/04/09 21:56	
Dibromomethane	ug/kg	ND	5.0	12/04/09 21:56	
Dichlorodifluoromethane	ug/kg	ND	10.0	12/04/09 21:56	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

METHOD BLANK: 374981

Matrix: Solid

Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	12/04/09 21:56	
Ethylbenzene	ug/kg	ND	5.0	12/04/09 21:56	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/04/09 21:56	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/04/09 21:56	
m&p-Xylene	ug/kg	ND	10.0	12/04/09 21:56	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/04/09 21:56	
Methylene Chloride	ug/kg	ND	20.0	12/04/09 21:56	
n-Butylbenzene	ug/kg	ND	5.0	12/04/09 21:56	
n-Propylbenzene	ug/kg	ND	5.0	12/04/09 21:56	
Naphthalene	ug/kg	ND	5.0	12/04/09 21:56	
o-Xylene	ug/kg	ND	5.0	12/04/09 21:56	
p-Isopropyltoluene	ug/kg	ND	5.0	12/04/09 21:56	
sec-Butylbenzene	ug/kg	ND	5.0	12/04/09 21:56	
Styrene	ug/kg	ND	5.0	12/04/09 21:56	
tert-Butylbenzene	ug/kg	ND	5.0	12/04/09 21:56	
Tetrachloroethene	ug/kg	ND	5.0	12/04/09 21:56	
Toluene	ug/kg	ND	5.0	12/04/09 21:56	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/04/09 21:56	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/04/09 21:56	
Trichloroethene	ug/kg	ND	5.0	12/04/09 21:56	
Trichlorofluoromethane	ug/kg	ND	5.0	12/04/09 21:56	
Vinyl acetate	ug/kg	ND	50.0	12/04/09 21:56	
Vinyl chloride	ug/kg	ND	10.0	12/04/09 21:56	
Xylene (Total)	ug/kg	ND	10.0	12/04/09 21:56	
1,2-Dichloroethane-d4 (S)	%	109	69-121	12/04/09 21:56	
4-Bromofluorobenzene (S)	%	96	74-115	12/04/09 21:56	
Dibromofluoromethane (S)	%	106	79-116	12/04/09 21:56	
Toluene-d8 (S)	%	100	88-110	12/04/09 21:56	

LABORATORY CONTROL SAMPLE: 374982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	55.9	112	75-137	
1,1,1-Trichloroethane	ug/kg	50	55.6	111	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	55.0	110	74-133	
1,1,2-Trichloroethane	ug/kg	50	57.1	114	79-129	
1,1-Dichloroethane	ug/kg	50	52.9	106	72-139	
1,1-Dichloroethene	ug/kg	50	54.3	109	69-154	
1,1-Dichloropropene	ug/kg	50	54.2	108	74-138	
1,2,3-Trichlorobenzene	ug/kg	50	45.7	91	71-150	
1,2,3-Trichloropropane	ug/kg	50	56.4	113	74-135	
1,2,4-Trichlorobenzene	ug/kg	50	42.2	84	68-150	
1,2,4-Trimethylbenzene	ug/kg	50	50.8	102	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	57.0	114	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	55.9	112	77-136	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

LABORATORY CONTROL SAMPLE: 374982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	48.2	96	75-141	
1,2-Dichloroethane	ug/kg	50	59.5	119	74-134	
1,2-Dichloropropane	ug/kg	50	60.0	120	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	49.4	99	65-128	
1,3-Dichlorobenzene	ug/kg	50	47.0	94	76-133	
1,3-Dichloropropane	ug/kg	50	55.7	111	79-132	
1,4-Dichlorobenzene	ug/kg	50	45.8	92	75-137	
2,2-Dichloropropane	ug/kg	50	46.3	93	73-137	
2-Butanone (MEK)	ug/kg	100	119	119	61-138	
2-Chlorotoluene	ug/kg	50	48.3	97	73-138	
2-Hexanone	ug/kg	100	119	119	58-159	
4-Chlorotoluene	ug/kg	50	50.1	100	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	123	123	74-139	
Acetone	ug/kg	100	113	113	58-150	
Benzene	ug/kg	50	52.1	104	71-140	
Bromobenzene	ug/kg	50	54.2	108	72-144	
Bromochloromethane	ug/kg	50	59.0	118	78-133	
Bromodichloromethane	ug/kg	50	55.7	111	78-133	
Bromoform	ug/kg	50	57.8	116	74-132	
Bromomethane	ug/kg	50	55.2	110	63-184	
Carbon tetrachloride	ug/kg	50	64.1	128	73-143	
Chlorobenzene	ug/kg	50	49.7	99	77-137	
Chloroethane	ug/kg	50	57.0	114	68-146	
Chloroform	ug/kg	50	53.4	107	75-137	
Chloromethane	ug/kg	50	53.8	108	54-143	
cis-1,2-Dichloroethene	ug/kg	50	53.3	107	71-143	
cis-1,3-Dichloropropene	ug/kg	50	57.1	114	76-133	
Dibromochloromethane	ug/kg	50	54.6	109	77-131	
Dibromomethane	ug/kg	50	57.0	114	63-184	
Dichlorodifluoromethane	ug/kg	50	51.0	102	36-173	
Diisopropyl ether	ug/kg	50	53.7	107	68-144	
Ethylbenzene	ug/kg	50	50.1	100	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	46.6	93	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	50.8	102	77-143	
m&p-Xylene	ug/kg	100	100	100	72-138	
Methyl-tert-butyl ether	ug/kg	50	54.8	110	2-138	
Methylene Chloride	ug/kg	50	56.8	114	69-136	
n-Butylbenzene	ug/kg	50	46.7	93	65-128	
n-Propylbenzene	ug/kg	50	49.9	100	72-139	
Naphthalene	ug/kg	50	50.1	100	61-138	
o-Xylene	ug/kg	50	51.8	104	74-137	
p-Isopropyltoluene	ug/kg	50	48.4	97	66-128	
sec-Butylbenzene	ug/kg	50	49.5	99	72-140	
Styrene	ug/kg	50	50.8	102	76-137	
tert-Butylbenzene	ug/kg	50	51.6	103	68-141	
Tetrachloroethene	ug/kg	50	48.7	97	72-136	
Toluene	ug/kg	50	50.6	101	69-139	
trans-1,2-Dichloroethene	ug/kg	50	48.9	98	72-144	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

LABORATORY CONTROL SAMPLE: 374982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	59.7	119	73-135	
Trichloroethene	ug/kg	50	53.5	107	75-136	
Trichlorofluoromethane	ug/kg	50	55.1	110	69-144	
Vinyl acetate	ug/kg	100	42J	42	50-150 L0	
Vinyl chloride	ug/kg	50	58.5	117	61-145	
Xylene (Total)	ug/kg	150	152	101	73-138	
1,2-Dichloroethane-d4 (S)	%			105	69-121	
4-Bromofluorobenzene (S)	%			98	74-115	
Dibromofluoromethane (S)	%			107	79-116	
Toluene-d8 (S)	%			99	88-110	

MATRIX SPIKE SAMPLE: 375566

Parameter	Units	9258751015 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	45.8	50.1	109	70-130	
1,1,1-Trichloroethane	ug/kg	8.7	45.8	155	319	70-130 M0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	45.8	51.7	113	70-130	
1,1,2-Trichloroethane	ug/kg	ND	45.8	55.0	120	70-130	
1,1-Dichloroethane	ug/kg	1.0J	45.8	69.3	149	70-130 M0	
1,1-Dichloroethene	ug/kg	ND	45.8	64.2	140	33-158	
1,1-Dichloropropene	ug/kg	ND	45.8	52.7	115	70-130	
1,2,3-Trichlorobenzene	ug/kg	ND	45.8	15.6	34	70-130 M0	
1,2,3-Trichloropropane	ug/kg	ND	45.8	57.0	124	70-130	
1,2,4-Trichlorobenzene	ug/kg	ND	45.8	15.5	34	70-130 M0	
1,2,4-Trimethylbenzene	ug/kg	ND	45.8	37.2	81	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	ND	45.8	82.5	180	70-130 M0	
1,2-Dibromoethane (EDB)	ug/kg	ND	45.8	59.2	129	70-130	
1,2-Dichlorobenzene	ug/kg	ND	45.8	45.0	98	70-130	
1,2-Dichloroethane	ug/kg	ND	45.8	63.5	139	44-147	
1,2-Dichloropropane	ug/kg	ND	45.8	57.1	125	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	45.8	34.0	74	70-130	
1,3-Dichlorobenzene	ug/kg	ND	45.8	42.8	93	70-130	
1,3-Dichloropropane	ug/kg	ND	45.8	58.6	128	70-130	
1,4-Dichlorobenzene	ug/kg	ND	45.8	45.0	98	70-130	
2,2-Dichloropropane	ug/kg	ND	45.8	53.7	117	70-130	
2-Butanone (MEK)	ug/kg	ND	91.7	137	149	70-130 M0	
2-Chlorotoluene	ug/kg	ND	45.8	50.3	110	70-130	
2-Hexanone	ug/kg	ND	91.7	146	159	70-130 M0	
4-Chlorotoluene	ug/kg	ND	45.8	53.1	116	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	91.7	134	147	70-130 M0	
Acetone	ug/kg	ND	91.7	159	173	70-130 M0	
Benzene	ug/kg	ND	45.8	51.2	112	46-143	
Bromobenzene	ug/kg	ND	45.8	72.0	157	70-130 M0	
Bromochloromethane	ug/kg	ND	45.8	52.5	115	70-130	
Bromodichloromethane	ug/kg	ND	45.8	53.4	117	70-130	
Bromoform	ug/kg	ND	45.8	56.9	124	70-130	
Bromomethane	ug/kg	ND	45.8	51.1	112	70-130	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

MATRIX SPIKE SAMPLE: 375566		9258751015	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Carbon tetrachloride	ug/kg	ND	45.8	47.0	103	70-130	
Chlorobenzene	ug/kg	ND	45.8	47.3	103	29-159	
Chloroethane	ug/kg	ND	45.8	67.6	148	70-130	M0
Chloroform	ug/kg	ND	45.8	53.4	117	70-130	
Chloromethane	ug/kg	ND	45.8	60.0	131	70-130	M0
cis-1,2-Dichloroethene	ug/kg	1.2J	45.8	64.5	138	70-130	M0
cis-1,3-Dichloropropene	ug/kg	ND	45.8	55.1	120	70-130	
Dibromochloromethane	ug/kg	ND	45.8	55.3	121	70-130	
Dibromomethane	ug/kg	ND	45.8	58.8	128	70-130	
Dichlorodifluoromethane	ug/kg	ND	45.8	63.3	138	70-130	M0
Diisopropyl ether	ug/kg	ND	45.8	57.9	126	70-130	
Ethylbenzene	ug/kg	ND	45.8	40.0	87	70-130	
Hexachloro-1,3-butadiene	ug/kg	ND	45.8	6.8	15	70-130	M0
Isopropylbenzene (Cumene)	ug/kg	ND	45.8	26.6	58	70-130	M0
m&p-Xylene	ug/kg	ND	91.7	77.7	85	70-130	
Methyl-tert-butyl ether	ug/kg	ND	45.8	60.4	132	70-130	M0
Methylene Chloride	ug/kg	ND	45.8	66.0	144	70-130	M0
n-Butylbenzene	ug/kg	ND	45.8	17.4	38	70-130	M0
n-Propylbenzene	ug/kg	ND	45.8	37.9	83	70-130	
Naphthalene	ug/kg	ND	45.8	31.9	70	70-130	
o-Xylene	ug/kg	ND	45.8	40.0	87	70-130	
p-Isopropyltoluene	ug/kg	ND	45.8	22.0	48	70-130	M0
sec-Butylbenzene	ug/kg	ND	45.8	21.7	47	70-130	M0
Styrene	ug/kg	ND	45.8	42.8	93	70-130	
tert-Butylbenzene	ug/kg	ND	45.8	27.9	61	70-130	M0
Tetrachloroethene	ug/kg	2.3J	45.8	93.3	198	70-130	M0
Toluene	ug/kg	ND	45.8	45.7	100	38-145	
trans-1,2-Dichloroethene	ug/kg	ND	45.8	60.5	132	70-130	M0
trans-1,3-Dichloropropene	ug/kg	ND	45.8	57.9	126	70-130	
Trichloroethene	ug/kg	ND	45.8	58.8	128	70-130	
Trichlorofluoromethane	ug/kg	ND	45.8	62.5	136	70-130	M0
Vinyl acetate	ug/kg	ND	91.7	118	128	70-130	
Vinyl chloride	ug/kg	ND	45.8	65.2	142	70-130	M0
1,2-Dichloroethane-d4 (S)	%				121	69-121	
4-Bromofluorobenzene (S)	%				85	74-115	
Dibromofluoromethane (S)	%				106	79-116	
Toluene-d8 (S)	%				93	88-110	

SAMPLE DUPLICATE: 375407

Parameter	Units	9258741001	Dup	RPD	Qualifiers
		Result	Result		
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		

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

SAMPLE DUPLICATE: 375407

Parameter	Units	9258741001 Result	Dup Result	RPD	Qualifiers
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	4.6J		
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		
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	59.3J		
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		

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

SAMPLE DUPLICATE: 375407

Parameter	Units	9258741001 Result	Dup Result	RPD	Qualifiers
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		
Xylene (Total)	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	120	100	0	
4-Bromofluorobenzene (S)	%	96	97	20	
Dibromofluoromethane (S)	%	102	94	11	
Toluene-d8 (S)	%	102	100	16	

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

QC Batch: MSV/9239 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9258741005, 9258741007, 9258741008, 9258741009, 9258741010

METHOD BLANK: 374983 Matrix: Solid
Associated Lab Samples: 9258741005, 9258741007, 9258741008, 9258741009, 9258741010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/04/09 21:38	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/04/09 21:38	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/04/09 21:38	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/04/09 21:38	
1,1-Dichloroethane	ug/kg	ND	5.0	12/04/09 21:38	
1,1-Dichloroethene	ug/kg	ND	5.0	12/04/09 21:38	
1,1-Dichloropropene	ug/kg	ND	5.0	12/04/09 21:38	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/04/09 21:38	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/04/09 21:38	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/04/09 21:38	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/04/09 21:38	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/04/09 21:38	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/04/09 21:38	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/04/09 21:38	
1,2-Dichloroethane	ug/kg	ND	5.0	12/04/09 21:38	
1,2-Dichloropropane	ug/kg	ND	5.0	12/04/09 21:38	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/04/09 21:38	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/04/09 21:38	
1,3-Dichloropropane	ug/kg	ND	5.0	12/04/09 21:38	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/04/09 21:38	
2,2-Dichloropropane	ug/kg	ND	5.0	12/04/09 21:38	
2-Butanone (MEK)	ug/kg	ND	100	12/04/09 21:38	
2-Chlorotoluene	ug/kg	ND	5.0	12/04/09 21:38	
2-Hexanone	ug/kg	ND	50.0	12/04/09 21:38	
4-Chlorotoluene	ug/kg	ND	5.0	12/04/09 21:38	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	12/04/09 21:38	
Acetone	ug/kg	ND	100	12/04/09 21:38	
Benzene	ug/kg	ND	5.0	12/04/09 21:38	
Bromobenzene	ug/kg	ND	5.0	12/04/09 21:38	
Bromochloromethane	ug/kg	ND	5.0	12/04/09 21:38	
Bromodichloromethane	ug/kg	ND	5.0	12/04/09 21:38	
Bromoform	ug/kg	ND	5.0	12/04/09 21:38	
Bromomethane	ug/kg	ND	10.0	12/04/09 21:38	
Carbon tetrachloride	ug/kg	ND	5.0	12/04/09 21:38	
Chlorobenzene	ug/kg	ND	5.0	12/04/09 21:38	
Chloroethane	ug/kg	ND	10.0	12/04/09 21:38	
Chloroform	ug/kg	ND	5.0	12/04/09 21:38	
Chloromethane	ug/kg	ND	10.0	12/04/09 21:38	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/04/09 21:38	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/04/09 21:38	
Dibromochloromethane	ug/kg	ND	5.0	12/04/09 21:38	
Dibromomethane	ug/kg	ND	5.0	12/04/09 21:38	
Dichlorodifluoromethane	ug/kg	ND	10.0	12/04/09 21:38	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

METHOD BLANK: 374983

Matrix: Solid

Associated Lab Samples: 9258741005, 9258741007, 9258741008, 9258741009, 9258741010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	12/04/09 21:38	
Ethylbenzene	ug/kg	ND	5.0	12/04/09 21:38	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/04/09 21:38	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/04/09 21:38	
m&p-Xylene	ug/kg	ND	10.0	12/04/09 21:38	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/04/09 21:38	
Methylene Chloride	ug/kg	ND	20.0	12/04/09 21:38	
n-Butylbenzene	ug/kg	ND	5.0	12/04/09 21:38	
n-Propylbenzene	ug/kg	ND	5.0	12/04/09 21:38	
Naphthalene	ug/kg	ND	5.0	12/04/09 21:38	
o-Xylene	ug/kg	ND	5.0	12/04/09 21:38	
p-Isopropyltoluene	ug/kg	ND	5.0	12/04/09 21:38	
sec-Butylbenzene	ug/kg	ND	5.0	12/04/09 21:38	
Styrene	ug/kg	ND	5.0	12/04/09 21:38	
tert-Butylbenzene	ug/kg	ND	5.0	12/04/09 21:38	
Tetrachloroethene	ug/kg	ND	5.0	12/04/09 21:38	
Toluene	ug/kg	ND	5.0	12/04/09 21:38	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/04/09 21:38	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/04/09 21:38	
Trichloroethene	ug/kg	ND	5.0	12/04/09 21:38	
Trichlorofluoromethane	ug/kg	ND	5.0	12/04/09 21:38	
Vinyl acetate	ug/kg	ND	50.0	12/04/09 21:38	
Vinyl chloride	ug/kg	ND	10.0	12/04/09 21:38	
Xylene (Total)	ug/kg	ND	10.0	12/04/09 21:38	
1,2-Dichloroethane-d4 (S)	%	109	69-121	12/04/09 21:38	
4-Bromofluorobenzene (S)	%	94	74-115	12/04/09 21:38	
Dibromofluoromethane (S)	%	113	79-116	12/04/09 21:38	
Toluene-d8 (S)	%	100	88-110	12/04/09 21:38	

LABORATORY CONTROL SAMPLE: 374984

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	56.2	112	75-137	
1,1,1-Trichloroethane	ug/kg	50	54.3	109	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	55.5	111	74-133	
1,1,2-Trichloroethane	ug/kg	50	57.1	114	79-129	
1,1-Dichloroethane	ug/kg	50	52.6	105	72-139	
1,1-Dichloroethene	ug/kg	50	54.1	108	69-154	
1,1-Dichloropropene	ug/kg	50	53.6	107	74-138	
1,2,3-Trichlorobenzene	ug/kg	50	41.8	84	71-150	
1,2,3-Trichloropropane	ug/kg	50	56.1	112	74-135	
1,2,4-Trichlorobenzene	ug/kg	50	38.4	77	68-150	
1,2,4-Trimethylbenzene	ug/kg	50	49.9	100	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	52.6	105	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	56.5	113	77-136	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

LABORATORY CONTROL SAMPLE: 374984

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	47.1	94	75-141	
1,2-Dichloroethane	ug/kg	50	59.6	119	74-134	
1,2-Dichloropropane	ug/kg	50	59.6	119	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	48.8	98	65-128	
1,3-Dichlorobenzene	ug/kg	50	45.2	90	76-133	
1,3-Dichloropropane	ug/kg	50	55.7	111	79-132	
1,4-Dichlorobenzene	ug/kg	50	44.9	90	75-137	
2,2-Dichloropropane	ug/kg	50	45.8	92	73-137	
2-Butanone (MEK)	ug/kg	100	117	117	61-138	
2-Chlorotoluene	ug/kg	50	47.5	95	73-138	
2-Hexanone	ug/kg	100	119	119	58-159	
4-Chlorotoluene	ug/kg	50	48.6	97	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	125	125	74-139	
Acetone	ug/kg	100	125	125	58-150	
Benzene	ug/kg	50	51.8	104	71-140	
Bromobenzene	ug/kg	50	53.7	107	72-144	
Bromochloromethane	ug/kg	50	59.2	118	78-133	
Bromodichloromethane	ug/kg	50	55.6	111	78-133	
Bromoform	ug/kg	50	58.2	116	74-132	
Bromomethane	ug/kg	50	56.3	113	63-184	
Carbon tetrachloride	ug/kg	50	55.2	110	73-143	
Chlorobenzene	ug/kg	50	49.0	98	77-137	
Chloroethane	ug/kg	50	57.0	114	68-146	
Chloroform	ug/kg	50	53.7	107	75-137	
Chloromethane	ug/kg	50	53.2	106	54-143	
cis-1,2-Dichloroethene	ug/kg	50	53.2	106	71-143	
cis-1,3-Dichloropropene	ug/kg	50	56.0	112	76-133	
Dibromochloromethane	ug/kg	50	55.2	110	77-131	
Dibromomethane	ug/kg	50	56.5	113	63-184	
Dichlorodifluoromethane	ug/kg	50	50.9	102	36-173	
Diisopropyl ether	ug/kg	50	53.3	107	68-144	
Ethylbenzene	ug/kg	50	49.7	99	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	44.3	89	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	50.5	101	77-143	
m&p-Xylene	ug/kg	100	98.4	98	72-138	
Methyl-tert-butyl ether	ug/kg	50	53.7	107	2-138	
Methylene Chloride	ug/kg	50	58.3	117	69-136	
n-Butylbenzene	ug/kg	50	44.2	88	65-128	
n-Propylbenzene	ug/kg	50	49.7	99	72-139	
Naphthalene	ug/kg	50	47.0	94	61-138	
o-Xylene	ug/kg	50	51.5	103	74-137	
p-Isopropyltoluene	ug/kg	50	47.5	95	66-128	
sec-Butylbenzene	ug/kg	50	48.8	98	72-140	
Styrene	ug/kg	50	50.3	101	76-137	
tert-Butylbenzene	ug/kg	50	51.8	104	68-141	
Tetrachloroethene	ug/kg	50	48.2	96	72-136	
Toluene	ug/kg	50	50.3	101	69-139	
trans-1,2-Dichloroethene	ug/kg	50	49.3	99	72-144	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

LABORATORY CONTROL SAMPLE: 374984

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	60.2	120	73-135	
Trichloroethene	ug/kg	50	52.9	106	75-136	
Trichlorofluoromethane	ug/kg	50	54.8	110	69-144	
Vinyl acetate	ug/kg	100	38.3J	38	50-150	L0
Vinyl chloride	ug/kg	50	58.1	116	61-145	
Xylene (Total)	ug/kg	150	150	100	73-138	
1,2-Dichloroethane-d4 (S)	%			104	69-121	
4-Bromofluorobenzene (S)	%			98	74-115	
Dibromofluoromethane (S)	%			98	79-116	
Toluene-d8 (S)	%			99	88-110	

MATRIX SPIKE SAMPLE: 375444

Parameter	Units	9258741007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	37.8	34.1	90	33-158	
Benzene	ug/kg	ND	37.8	33.7	89	46-143	
Chlorobenzene	ug/kg	ND	37.8	33.5	89	29-159	
Toluene	ug/kg	ND	37.8	33.6	89	38-145	
Trichloroethene	ug/kg	ND	37.8	35.3	93	70-130	
1,2-Dichloroethane-d4 (S)	%				104	69-121	
4-Bromofluorobenzene (S)	%				95	74-115	
Dibromofluoromethane (S)	%				96	79-116	
Toluene-d8 (S)	%				99	88-110	

SAMPLE DUPLICATE: 375445

Parameter	Units	9258756001 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: TT-2 TANK REMOVAL

Pace Project No.: 9258741

SAMPLE DUPLICATE: 375445

Parameter	Units	9258756001 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	54.3J		
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: TT-2 TANK REMOVAL

Pace Project No.: 9258741

SAMPLE DUPLICATE: 375445

Parameter	Units	9258756001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	114	98	33	
4-Bromofluorobenzene (S)	%	95	99	14	
Dibromofluoromethane (S)	%	101	94	25	
Toluene-d8 (S)	%	100	100	18	

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL

Pace Project No.: 9258741

QC Batch: PMST/2911 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9258741001, 9258741002, 9258741003, 9258741004, 9258741005, 9258741006, 9258741007, 9258741008, 9258741009, 9258741010

SAMPLE DUPLICATE: 374417

Parameter	Units	9258742001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	3.0	2.4	21	

SAMPLE DUPLICATE: 374418

Parameter	Units	9258751012 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	4.8	4.5	7	

QUALIFIERS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9258741

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.

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

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

LABORATORIES

PASI-C Pace Analytical Services - Charlotte
PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

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

IS The internal standard response is below criteria. Results may be biased high.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

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.

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

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).

S6 Surrogate recovery outside control limits. Data accepted based on valid recovery of applicable surrogates (no analytes associated with this surrogate)

Samples Intact
(Y/N)



Sample Condition Upon Receipt

Client Name: MEC Project # 9258741

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

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

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used T060

Type of Ice: Wet Blue None

☒ Samples on ice, cooling process has begun

Cooler Temperature 2.0

Biological Tissue is Frozen: Yes No N/A

Date and Initials of person examining contents: JEH/463/09

Temp should be above freezing to 6°C

Comments:

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

Client Notification/ Resolution:

Field Data Required? Y / N / N/A

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: EW

Date: 12/3/09