CATLIN
Engineers and Scientists

Post Office Box 10279
Wilmington, NC 28404-0279

Phone (910) 452-5861
Fax (910) 452-7563
www.catlinusa.com

January 5, 2010

NAVFAC Mid-Atlantic
Marine Corps North Carolina IPT
Environmental Business Line
Code: OPNCEV
Attn: Mr. Dave Borton, PG
6506 Hampton Blvd.
Bldg. C, Room 314
Norfolk, VA 23508-1278

Re: *TT-2929 UST Closure Report Addendum* (FINAL)
Tarawa Terrace
Marine Corps Base
Camp Lejeune, North Carolina
CATLIN Project No. 209-025

Dear Mr. Borton:

CATLIN Engineers and Scientists (CATLIN) presents the following information as an *Underground Storage Tank Closure Report Addendum* for the previously submitted (July 29, 2009) TT-2929 *Underground Storage Tank Closure Report* (*UST Closure Report*). The activities and data described and provided herein are supplied to supplement the *UST Closure Report* and request No Further Action Status.

UST CLOSURE SUMMARY

On May 8, 2009, a UST and petroleum impacted soils were removed from the TT-2929 site. As documented in the above referenced *UST Closure Report,* laboratory analysis detected Total Petroleum Hydrocarbon (TPH) concentrations greater that the 10 milligrams per kilogram (mg/kg) Action Level and Massachusetts Department of Environmental Protection (MADEP) extractable and volatile petroleum hydrocarbons (EPH and VPH) concentrations above the Soil-to-Groundwater (STGW) and Residential Maximum Soil Contaminant Concentrations (MSCCs) in the UST closure soil sample TT-2929-B collected at 6.5 feet below land surface (BLS). The petroleum impacted soils revealed beneath the tank in the TT-2929-B soil sample were excavated to the apparent water table (approximately seven to eight feet deep). No groundwater samples were collected during the UST closure and soil removal activities.

The excavation sidewall samples (TT-2929-1 through TT-2929-4) did not reveal any compound concentrations above the TPH Action Levels or corresponding Residential MSCCs; however, the excavation confirmation sidewall samples were not analyzed for volatile and semi-volatile organics per Environmental Protection Agency (EPA) Methods 8260 and 8270.

It was recommended that following the demolition of building TT-2929 a permanent groundwater monitoring well should be installed at the former UST basin, sampled, and the groundwater sample submitted for laboratory analysis. Additionally, soil samples were recommended at the TT-2929-1 through TT-2929-4 soil sample locations for laboratory analysis per EPA Methods 8260 and 8270.

ADDITIONAL SOIL SAMPLING AND TEMPORARY WELL SUMMARY

During additional UST and soil removal activities at other, nearby sites, it was determined the water encountered during the TT-2929 UST closure activities may not have been the surficial water table but rather perched water or simply water infiltrating the excavation from soils saturated during recent rains. In an attempt to determine the water table elevation and confirm or deny the presence of residual soil contamination beyond the previous excavation limits, it was subsequently recommended to collect a soil sample from native material beneath the backfilled excavation and install a temporary monitoring well for gauging the depth to water (DTW). If the water table was deeper than the UST over excavation limits (approximately seven feet deep), then it must be determined if petroleum impacted soils remained above the water table.

The TT-2929 building has been demolished and TMS Envirocon, Inc. (TMS) personnel returned to the site for soil sample collection at the previous over excavation sidewall confirmation soil sample locations and beneath the former UST.

Soil Sampling Methods

According to TMS personnel, on October 23, 2009 hand auger borings were advanced at the approximate UST closure over excavation sidewall confirmation soil sample locations (see attached figure) and a soil sample was collected from each of the four (4) side wall locations. A hand auger boring was also advanced at the former tank location and a soil sample was collected from native soils encountered beneath the backfilled excavation at approximately seven (7) feet deep. Hand auger boring soil sample locations are illustrated on the attached figure.

It was reported that the hand auger was decontaminated with phosphate free soap, pesticide grade isopropyl alcohol and distilled water before each boring advancement and soil sample collection. Soil samples were collected by hand

from the hand auger bucket while wearing new, disposable gloves. Soils were packed directly into the appropriately labeled glassware provided by the laboratory and placed on ice in an insulated cooler. The hand auger borings were backfilled with native soils from boring advancement cuttings.

The soil sample nomenclature was identical to the previous (May 8, 2009) soil samples (TT-2929-1, TT-2929-2, TT-2929-3, TT-2929-4, and TT-2929-B). Five (5) soil samples were submitted by TMS to Pace Analytical Services, Inc. (Pace, NC Certification #5342) for volatile and semi-volatile organics analysis per EPA Methods 8260 and 8270. The chain-of-custody document is attached following the lab report. According to Pace, the semi-volatile organics analysis per EPA Method 8270 was subcontracted to Analytical Services, Inc (ASI).

Following review of the October 23, 2009 TMS soil sampling information, it was determined that soils from the TT-2929-B sample location (approximately seven feet BLS and below the former UST basin) should also have been analyzed per MADEP EPH and VPH. Therefore, CATLIN mobilized personnel and equipment to the site on December 8, 2009. Soil data was collected at the site by Direct Push Technology (DPT) using an AMS PowerProbe™ 9600D (PowerProbe). A PowerProbe boring was advanced at the previous TT-2929-B boring and sample location (see attached figure).

The PowerProbe boring TT2929-TW01 was advanced to depth by static force and a 90-pound hydraulic percussion hammer. Two and one-quarter inch diameter by four-foot length steel is used as casing. Soil samples were continuously collected in four-foot long and one and one-half inch diameter clear liners. Liners were removed from the casing and then cut in half longitudinally to allow for visual/manual classification utilizing the Unified Soil Classification System (USCS). The boring was terminated approximately 12 feet BLS. All soil boring information was recorded on a field log and is summarized on the attached boring log.

A soil sample was collected for laboratory analysis from roughly seven (7) feet BLS and at the approximate TT-2929-B sample location. New disposable nitrile gloves were worn during sampling activities. The sample was placed into laboratory provided glassware and packed on ice in an insulated cooler for transportation to the laboratory. Sample integrity was maintained by following proper chain-of-custody procedures. The soil sample TT2929-TW01-7' was submitted to SGS Environmental Services, Inc. (NC Certification #481) for MADEP EPH and VPH analysis. A copy of the chain-of-custody is provided following the analytical report.

Well Installation and Abandonment

A qualified driller registered in the State of North Carolina and a project level geologist installed the boring for monitoring well construction. The well was installed under applicable licensing requirements, and was designed and constructed in accordance with accepted standards and practices.

Following TT2929-TW01 boring termination at 12 feet BLS, a 10 foot long piece of one-inch diameter Poly Vinyl Chloride (PVC) well screen (0.010-inch slot) was placed in the bore hole with a five foot long piece of one-inch diameter PVC riser extending approximately three (3) feet above the ground surface. The annular space was filled with medium sand pack from the bottom of the well to approximately one foot above the well screen and then bentonite chips to within one foot of the ground surface. The bentonite chips were poured from the surface while simultaneously pouring water to facilitate hydration.

The depth to groundwater was gauged the following day and determined to be 13.1 feet below the top of casing and roughly 10 feet BLS. Following DTW gauging, the well materials were removed from the borehole and then bentonite chips and water were poured into the borehole simultaneously to facilitate bentonite hydration. The well construction and abandonment information is provided on copies of the attached Well Construction Record and Well Abandonment Record that were submitted along with a letter dated December 17, 2009 to North Carolina Department of Environment and Natural Resources (NCDENR). The temporary well location is illustrated on the attached figure.

Laboratory Results

The soil sample laboratory analytical results are summarized on Tables 1 and 2 and illustrated on Figure 1. The complete laboratory reports are also provided as an attachment.

As indicated on the provided attachments, no contaminant concentrations per EPA Methods 8260, 8270 or MADEP EPH and VPH were detected above the laboratory reporting limits or lowest MSCC.

CONCLUSIONS AND RECOMMENDATIONS

As previously mentioned above and in the *UST Closure Report*, the petroleum impacted soils revealed beneath the former tank location were excavated and over excavation confirmation sidewall soil samples were not analyzed per Risk Based methods in accordance with NCDENR guidance. Therefore, Risk Based soil samples were subsequently collect at the subject site in October and December 2009.

The recent soil sampling and laboratory analysis in accordance with NCDENR Risk Based guidance did not reveal residual petroleum contamination at the former tank location above the laboratory reporting limits or lowest MSCC. The additional recent soil sampling and laboratory analysis per EPA Methods 8260 and 8270 combined with the previous over excavation confirmation sidewall sampling and analysis per MADEP EPH and VPH confirm there is no residual petroleum impacted soils at the former TT-2929 UST location.

The water encountered during UST closure activities (approximately seven feet deep) was apparently not the water table. After installation of temporary well TT2929-TW01 the water table was encountered approximately 10 feet BLS (and three feet below the recent "clean" soil sample and previous excavation limits).

Please consider the recent findings as an addendum to the *UST Closure Report* dated July 29, 2009. Based on the findings documented in this report, No Further Action status is recommended for the TT-2929 site.

CATLIN Engineers and Scientists appreciate the opportunity to continue to provide services to NAVFAC Mid-Atlantic and the MCB on your environmental projects.

Benjamin J. Ashba
Project Scientist

Michael E. Mason, PE
Program Manager

BJA/MEM/ba
Enclosures

cc: Commanding Officer, Attn: Director I&E/EMD/EQB
Ms. Susan Tsimpinos, NAVFAC Mid-Atlantic – Contract Specialist (correspondence only)

FINAL_TT2929_USTaddendumLtr.doc

ATTACHMENTS

TABLES

TABLE 1
SUMMARY OF SOIL LABORATORY RESULTS
EPA METHODS 8260 AND 8270

Incident Name and No.: TT-2929 - Pending

Sample ID	Contaminant of Concern →		All EPA Method 8260 Parameters	All EPA Method 8270 Parameters
	Date Collected	Sample Depth (ft. BLS)		
TT-2929-B	10/23/2009	7	BRL	BRL
TT-2929-1	10/23/2009	5	BRL	BRL
TT-2929-2	10/23/2009	5	BRL	BRL
TT-2929-3	10/23/2009	5	BRL	BRL
TT-2929-4	10/23/2009	5	BRL	BRL
Residential MSCC (ug/kg)			Varies	Varies
Industrial/Commercial MSCC (ug/kg)			Varies	Varies
Soil to Groundwater MSCC (ug/kg)			Varies	Varies

ft. BLS = Feet Below Land Surface
MSCC = Maximum Soil Contaminant Concentration
ug/kg = micrograms per kilogram
BRL = Below Reporting Limit
Refer to analytical report for a complete list of parameters and reporting limits.

TABLE 2
SUMMARY OF SOIL LABORATORY RESULTS
MADEP EPH AND VPH

Incident Name and No.: TT-2929 - 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-2929-TW01 7'	12/8/2009	7	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<10.0	<20.0
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

ft. BLS = Feet Below Land Surface
All results in milligrams per kilogram (mg/kg).
< = Less than reporting limit
MSCC = Maximum Soil Contaminant Concentration
# = Health-Based Level (>100%)
= Considered Immobile

FIGURE

SUMMARY OF SOIL LABORATORY RESULTS
EPA METHODS 8260 AND 8270

Incident Name and No.: TT-2929 - Pending

Sample ID	Contaminant of Concern →		All EPA Method 8260 Parameters	All EPA Method 8270 Parameters
	Date Collected	Sample Depth (ft. BLS)		
TT-2929-B	10/23/2009	7	BRL	BRL
TT-2929-1	10/23/2009	5	BRL	BRL
TT-2929-2	10/23/2009	5	BRL	BRL
TT-2929-3	10/23/2009	5	BRL	BRL
TT-2929-4	10/23/2009	5	BRL	BRL
Residential MSCC (ug/kg)			Varies	Varies
Industrial/Commercial MSCC (ug/kg)			Varies	Varies
Soil to Groundwater MSCC (ug/kg)			Varies	Varies

SUMMARY OF SOIL LABORATORY RESULTS
MADEP EPH AND VPH

Incident Name and No.: TT-2929 - 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-2929-TW01 7'	12/8/2009	7	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<10.0	<20.0
Residential MSCC (mg/kg)									939	9,386	93,860	469
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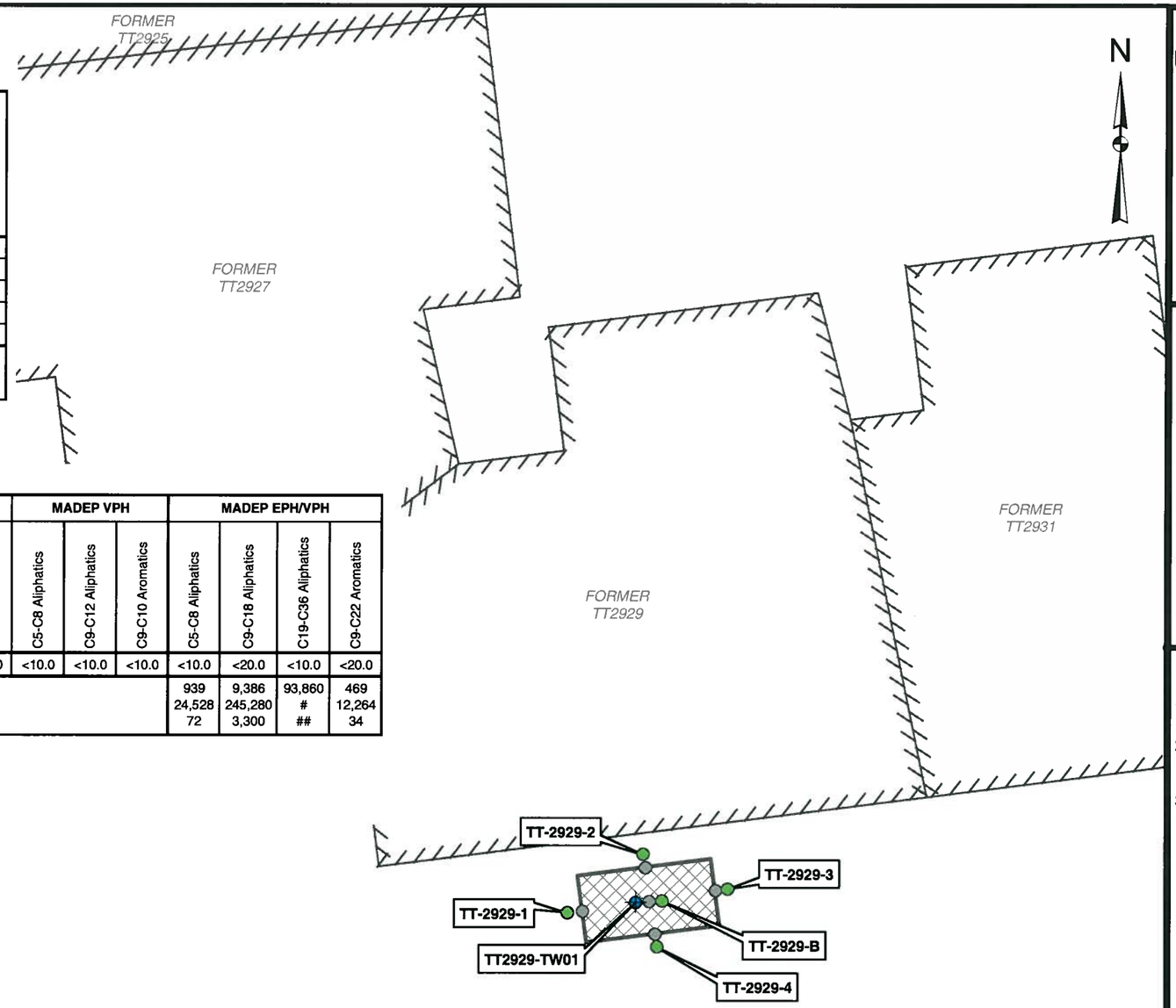
ft. BLS = Feet Below Land Surface
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
BRL = Below Reporting Limit
< = Less than reporting limit
MSCC = Maximum Soil Contaminant Concentration
# = Health-Based Level (>100%)
= Considered Immobile
Refer to analytical report for a complete list of parameters and reporting limits.



UST CLOSURE REPORT ADDENDUM
SITE TT-2929
MARINE CORPS BASE
CAMP LEJEUNE, NC

NAVFAC Naval Facilities Engineering Command ATLANTIC DIVISION

LEGEND

NEW

- Handauger Location
- Temporary Well Location

FORMER

- Tank Excavation Area
- Soil Sample Location
- Former Buildings and Structures
- Slabs
- Driveways
- Parking Lots
- Woods

NOTES

1. Data layers provided by MCB Camp Lejeune GIS office.
2. Excavation boundary and soil sample locations based on site sketch provided by TMS personnel.
3. Temporary well installed and groundwater measurments were collected approximately 24 hours later at roughly 10 feet below land surface.

CATLIN Engineers and Scientists
P.O. Box 10279
Wilmington, NC 28404-0279
(910) 452-5861
NC Engineering License No.: C-0585

SITE MAP WITH SOIL LABORATORY RESULTS

FIGURE 1

Job No.:	Date:	Scale:	Drawn By:	Checked By:
209-025	JAN 2010	AS SHOWN	THW	BA

LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION

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

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

October 28, 2009

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

RE: Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Dear Rob Finley:
Enclosed are the analytical results for sample(s) received by the laboratory on October 24, 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

ashley.nifong@pacelabs.com
Project Manager

Enclosures

cc: Mike Rohrer, MEC Corp.

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Asheville, NC 28804
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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Charlotte Certification IDs

West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
Connecticut Certification #: PH-0104
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84
Florida/NELAP Certification #: E87627
North Carolina Wastewater Certification #: 12

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9255987001	**TT 2929-1**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	71	PASI-C
9255987002	**TT 2929-2**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	71	PASI-C
9255987003	**TT 2929-3**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	71	PASI-C
9255987004	**TT 2929-4**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	71	PASI-C
9255987005	**TT 2929-B**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	71	PASI-C

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-1 **Lab ID: 9255987001** Collected: 10/23/09 08:10 Received: 10/24/09 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							
Acetone	ND	ug/kg	112	1		10/25/09 15:29	67-64-1	
Benzene	ND	ug/kg	5.6	1		10/25/09 15:29	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1		10/25/09 15:29	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1		10/25/09 15:29	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	1		10/25/09 15:29	75-27-4	
Bromoform	ND	ug/kg	5.6	1		10/25/09 15:29	75-25-2	
Bromomethane	ND	ug/kg	11.2	1		10/25/09 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	112	1		10/25/09 15:29	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	1		10/25/09 15:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		10/25/09 15:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	1		10/25/09 15:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	1		10/25/09 15:29	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		10/25/09 15:29	108-90-7	
Chloroethane	ND	ug/kg	11.2	1		10/25/09 15:29	75-00-3	
Chloroform	ND	ug/kg	5.6	1		10/25/09 15:29	67-66-3	
Chloromethane	ND	ug/kg	11.2	1		10/25/09 15:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	1		10/25/09 15:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	1		10/25/09 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	1		10/25/09 15:29	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	1		10/25/09 15:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		10/25/09 15:29	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1		10/25/09 15:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		10/25/09 15:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		10/25/09 15:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		10/25/09 15:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.2	1		10/25/09 15:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		10/25/09 15:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		10/25/09 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	1		10/25/09 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		10/25/09 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		10/25/09 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		10/25/09 15:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1		10/25/09 15:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1		10/25/09 15:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1		10/25/09 15:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		10/25/09 15:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		10/25/09 15:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1		10/25/09 15:29	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	1		10/25/09 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	1		10/25/09 15:29	87-68-3	
2-Hexanone	ND	ug/kg	56.0	1		10/25/09 15:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		10/25/09 15:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		10/25/09 15:29	99-87-6	
Methylene Chloride	ND	ug/kg	22.4	1		10/25/09 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.0	1		10/25/09 15:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		10/25/09 15:29	1634-04-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-1 **Lab ID: 9255987001** Collected: 10/23/09 08:10 Received: 10/24/09 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							
Naphthalene	ND	ug/kg	5.6	1		10/25/09 15:29	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1		10/25/09 15:29	103-65-1	
Styrene	ND	ug/kg	5.6	1		10/25/09 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	1		10/25/09 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		10/25/09 15:29	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		10/25/09 15:29	127-18-4	
Toluene	ND	ug/kg	5.6	1		10/25/09 15:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	1		10/25/09 15:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		10/25/09 15:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		10/25/09 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		10/25/09 15:29	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		10/25/09 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	1		10/25/09 15:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1		10/25/09 15:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		10/25/09 15:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		10/25/09 15:29	108-67-8	
Vinyl acetate	ND	ug/kg	56.0	1		10/25/09 15:29	108-05-4	
Vinyl chloride	ND	ug/kg	11.2	1		10/25/09 15:29	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	1		10/25/09 15:29	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	1		10/25/09 15:29	1330-20-7	
o-Xylene	ND	ug/kg	5.6	1		10/25/09 15:29	95-47-6	
Dibromofluoromethane (S)	101	%	79-116	1		10/25/09 15:29	1868-53-7	
Toluene-d8 (S)	101	%	88-110	1		10/25/09 15:29	2037-26-5	
4-Bromofluorobenzene (S)	97	%	74-115	1		10/25/09 15:29	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	69-121	1		10/25/09 15:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**20.5**	%	0.10	1		10/27/09 08:48		

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-2 **Lab ID: 9255987002** Collected: 10/23/09 08:15 Received: 10/24/09 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							
Acetone	ND	ug/kg	103	1		10/25/09 15:47	67-64-1	
Benzene	ND	ug/kg	5.1	1		10/25/09 15:47	71-43-2	
Bromobenzene	ND	ug/kg	5.1	1		10/25/09 15:47	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	1		10/25/09 15:47	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	1		10/25/09 15:47	75-27-4	
Bromoform	ND	ug/kg	5.1	1		10/25/09 15:47	75-25-2	
Bromomethane	ND	ug/kg	10.3	1		10/25/09 15:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	103	1		10/25/09 15:47	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1		10/25/09 15:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1		10/25/09 15:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.1	1		10/25/09 15:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.1	1		10/25/09 15:47	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		10/25/09 15:47	108-90-7	
Chloroethane	ND	ug/kg	10.3	1		10/25/09 15:47	75-00-3	
Chloroform	ND	ug/kg	5.1	1		10/25/09 15:47	67-66-3	
Chloromethane	ND	ug/kg	10.3	1		10/25/09 15:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.1	1		10/25/09 15:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.1	1		10/25/09 15:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1		10/25/09 15:47	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1		10/25/09 15:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1		10/25/09 15:47	106-93-4	
Dibromomethane	ND	ug/kg	5.1	1		10/25/09 15:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		10/25/09 15:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		10/25/09 15:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		10/25/09 15:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.3	1		10/25/09 15:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1		10/25/09 15:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		10/25/09 15:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1		10/25/09 15:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		10/25/09 15:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		10/25/09 15:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1		10/25/09 15:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.1	1		10/25/09 15:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.1	1		10/25/09 15:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.1	1		10/25/09 15:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		10/25/09 15:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		10/25/09 15:47	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.1	1		10/25/09 15:47	108-20-3	
Ethylbenzene	ND	ug/kg	5.1	1		10/25/09 15:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1		10/25/09 15:47	87-68-3	
2-Hexanone	ND	ug/kg	51.3	1		10/25/09 15:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		10/25/09 15:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1		10/25/09 15:47	99-87-6	
Methylene Chloride	ND	ug/kg	20.5	1		10/25/09 15:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.3	1		10/25/09 15:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		10/25/09 15:47	1634-04-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-2 **Lab ID: 9255987002** Collected: 10/23/09 08:15 Received: 10/24/09 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							
Naphthalene	ND	ug/kg	5.1	1		10/25/09 15:47	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1		10/25/09 15:47	103-65-1	
Styrene	ND	ug/kg	5.1	1		10/25/09 15:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1		10/25/09 15:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		10/25/09 15:47	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		10/25/09 15:47	127-18-4	
Toluene	ND	ug/kg	5.1	1		10/25/09 15:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1		10/25/09 15:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1		10/25/09 15:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		10/25/09 15:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		10/25/09 15:47	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1		10/25/09 15:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1		10/25/09 15:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.1	1		10/25/09 15:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1		10/25/09 15:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1		10/25/09 15:47	108-67-8	
Vinyl acetate	ND	ug/kg	51.3	1		10/25/09 15:47	108-05-4	
Vinyl chloride	ND	ug/kg	10.3	1		10/25/09 15:47	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	1		10/25/09 15:47	1330-20-7	
m&p-Xylene	ND	ug/kg	10.3	1		10/25/09 15:47	1330-20-7	
o-Xylene	ND	ug/kg	5.1	1		10/25/09 15:47	95-47-6	
Dibromofluoromethane (S)	104	%	79-116	1		10/25/09 15:47	1868-53-7	
Toluene-d8 (S)	101	%	88-110	1		10/25/09 15:47	2037-26-5	
4-Bromofluorobenzene (S)	99	%	74-115	1		10/25/09 15:47	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	69-121	1		10/25/09 15:47	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**20.4**	%	0.10	1		10/27/09 08:50		

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-3 **Lab ID: 9255987003** Collected: 10/23/09 08:30 Received: 10/24/09 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							
Acetone	ND	ug/kg	91.5	1		10/25/09 16:06	67-64-1	
Benzene	ND	ug/kg	4.6	1		10/25/09 16:06	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		10/25/09 16:06	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		10/25/09 16:06	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		10/25/09 16:06	75-27-4	
Bromoform	ND	ug/kg	4.6	1		10/25/09 16:06	75-25-2	
Bromomethane	ND	ug/kg	9.2	1		10/25/09 16:06	74-83-9	
2-Butanone (MEK)	ND	ug/kg	91.5	1		10/25/09 16:06	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		10/25/09 16:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		10/25/09 16:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		10/25/09 16:06	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.6	1		10/25/09 16:06	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		10/25/09 16:06	108-90-7	
Chloroethane	ND	ug/kg	9.2	1		10/25/09 16:06	75-00-3	
Chloroform	ND	ug/kg	4.6	1		10/25/09 16:06	67-66-3	
Chloromethane	ND	ug/kg	9.2	1		10/25/09 16:06	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		10/25/09 16:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		10/25/09 16:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		10/25/09 16:06	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		10/25/09 16:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		10/25/09 16:06	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		10/25/09 16:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		10/25/09 16:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		10/25/09 16:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		10/25/09 16:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.2	1		10/25/09 16:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		10/25/09 16:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		10/25/09 16:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		10/25/09 16:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		10/25/09 16:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		10/25/09 16:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		10/25/09 16:06	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		10/25/09 16:06	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		10/25/09 16:06	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		10/25/09 16:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		10/25/09 16:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		10/25/09 16:06	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.6	1		10/25/09 16:06	108-20-3	
Ethylbenzene	ND	ug/kg	4.6	1		10/25/09 16:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		10/25/09 16:06	87-68-3	
2-Hexanone	ND	ug/kg	45.8	1		10/25/09 16:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		10/25/09 16:06	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		10/25/09 16:06	99-87-6	
Methylene Chloride	ND	ug/kg	18.3	1		10/25/09 16:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.8	1		10/25/09 16:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		10/25/09 16:06	1634-04-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-3 **Lab ID: 9255987003** Collected: 10/23/09 08:30 Received: 10/24/09 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							
Naphthalene	ND	ug/kg	4.6	1		10/25/09 16:06	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		10/25/09 16:06	103-65-1	
Styrene	ND	ug/kg	4.6	1		10/25/09 16:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		10/25/09 16:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		10/25/09 16:06	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		10/25/09 16:06	127-18-4	
Toluene	ND	ug/kg	4.6	1		10/25/09 16:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		10/25/09 16:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		10/25/09 16:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		10/25/09 16:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		10/25/09 16:06	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		10/25/09 16:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		10/25/09 16:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		10/25/09 16:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		10/25/09 16:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		10/25/09 16:06	108-67-8	
Vinyl acetate	ND	ug/kg	45.8	1		10/25/09 16:06	108-05-4	
Vinyl chloride	ND	ug/kg	9.2	1		10/25/09 16:06	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	1		10/25/09 16:06	1330-20-7	
m&p-Xylene	ND	ug/kg	9.2	1		10/25/09 16:06	1330-20-7	
o-Xylene	ND	ug/kg	4.6	1		10/25/09 16:06	95-47-6	
Dibromofluoromethane (S)	104	%	79-116	1		10/25/09 16:06	1868-53-7	
Toluene-d8 (S)	102	%	88-110	1		10/25/09 16:06	2037-26-5	
4-Bromofluorobenzene (S)	97	%	74-115	1		10/25/09 16:06	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	69-121	1		10/25/09 16:06	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**18.4**	%	0.10	1		10/27/09 08:50		

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-4 **Lab ID: 9255987004** Collected: 10/23/09 08:45 Received: 10/24/09 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							
Acetone	ND	ug/kg	84.3	1		10/25/09 16:24	67-64-1	
Benzene	ND	ug/kg	4.2	1		10/25/09 16:24	71-43-2	
Bromobenzene	ND	ug/kg	4.2	1		10/25/09 16:24	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	1		10/25/09 16:24	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	1		10/25/09 16:24	75-27-4	
Bromoform	ND	ug/kg	4.2	1		10/25/09 16:24	75-25-2	
Bromomethane	ND	ug/kg	8.4	1		10/25/09 16:24	74-83-9	
2-Butanone (MEK)	ND	ug/kg	84.3	1		10/25/09 16:24	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1		10/25/09 16:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1		10/25/09 16:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.2	1		10/25/09 16:24	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.2	1		10/25/09 16:24	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		10/25/09 16:24	108-90-7	
Chloroethane	ND	ug/kg	8.4	1		10/25/09 16:24	75-00-3	
Chloroform	ND	ug/kg	4.2	1		10/25/09 16:24	67-66-3	
Chloromethane	ND	ug/kg	8.4	1		10/25/09 16:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.2	1		10/25/09 16:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.2	1		10/25/09 16:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	1		10/25/09 16:24	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1		10/25/09 16:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		10/25/09 16:24	106-93-4	
Dibromomethane	ND	ug/kg	4.2	1		10/25/09 16:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		10/25/09 16:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		10/25/09 16:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		10/25/09 16:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.4	1		10/25/09 16:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		10/25/09 16:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		10/25/09 16:24	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		10/25/09 16:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		10/25/09 16:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		10/25/09 16:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		10/25/09 16:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.2	1		10/25/09 16:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.2	1		10/25/09 16:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.2	1		10/25/09 16:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		10/25/09 16:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		10/25/09 16:24	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.2	1		10/25/09 16:24	108-20-3	
Ethylbenzene	ND	ug/kg	4.2	1		10/25/09 16:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	1		10/25/09 16:24	87-68-3	
2-Hexanone	ND	ug/kg	42.2	1		10/25/09 16:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		10/25/09 16:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1		10/25/09 16:24	99-87-6	
Methylene Chloride	ND	ug/kg	16.9	1		10/25/09 16:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.2	1		10/25/09 16:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		10/25/09 16:24	1634-04-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-4 **Lab ID: 9255987004** Collected: 10/23/09 08:45 Received: 10/24/09 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							
Naphthalene	ND	ug/kg	4.2	1		10/25/09 16:24	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1		10/25/09 16:24	103-65-1	
Styrene	ND	ug/kg	4.2	1		10/25/09 16:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	1		10/25/09 16:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		10/25/09 16:24	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		10/25/09 16:24	127-18-4	
Toluene	ND	ug/kg	4.2	1		10/25/09 16:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	1		10/25/09 16:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		10/25/09 16:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		10/25/09 16:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		10/25/09 16:24	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		10/25/09 16:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		10/25/09 16:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.2	1		10/25/09 16:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		10/25/09 16:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		10/25/09 16:24	108-67-8	
Vinyl acetate	ND	ug/kg	42.2	1		10/25/09 16:24	108-05-4	
Vinyl chloride	ND	ug/kg	8.4	1		10/25/09 16:24	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1		10/25/09 16:24	1330-20-7	
m&p-Xylene	ND	ug/kg	8.4	1		10/25/09 16:24	1330-20-7	
o-Xylene	ND	ug/kg	4.2	1		10/25/09 16:24	95-47-6	
Dibromofluoromethane (S)	101	%	79-116	1		10/25/09 16:24	1868-53-7	
Toluene-d8 (S)	102	%	88-110	1		10/25/09 16:24	2037-26-5	
4-Bromofluorobenzene (S)	98	%	74-115	1		10/25/09 16:24	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	69-121	1		10/25/09 16:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.7**	%	0.10	1		10/27/09 08:50		

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-B **Lab ID: 9255987005** Collected: 10/23/09 09:00 Received: 10/24/09 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							
Acetone	ND	ug/kg	81.1	1		10/25/09 16:42	67-64-1	
Benzene	ND	ug/kg	4.1	1		10/25/09 16:42	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1		10/25/09 16:42	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1		10/25/09 16:42	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1		10/25/09 16:42	75-27-4	
Bromoform	ND	ug/kg	4.1	1		10/25/09 16:42	75-25-2	
Bromomethane	ND	ug/kg	8.1	1		10/25/09 16:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	81.1	1		10/25/09 16:42	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		10/25/09 16:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		10/25/09 16:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.1	1		10/25/09 16:42	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.1	1		10/25/09 16:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		10/25/09 16:42	108-90-7	
Chloroethane	ND	ug/kg	8.1	1		10/25/09 16:42	75-00-3	
Chloroform	ND	ug/kg	4.1	1		10/25/09 16:42	67-66-3	
Chloromethane	ND	ug/kg	8.1	1		10/25/09 16:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.1	1		10/25/09 16:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1		10/25/09 16:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		10/25/09 16:42	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		10/25/09 16:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		10/25/09 16:42	106-93-4	
Dibromomethane	ND	ug/kg	4.1	1		10/25/09 16:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		10/25/09 16:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		10/25/09 16:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		10/25/09 16:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.1	1		10/25/09 16:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		10/25/09 16:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		10/25/09 16:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		10/25/09 16:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		10/25/09 16:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		10/25/09 16:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		10/25/09 16:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1		10/25/09 16:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1		10/25/09 16:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1		10/25/09 16:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		10/25/09 16:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		10/25/09 16:42	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.1	1		10/25/09 16:42	108-20-3	
Ethylbenzene	ND	ug/kg	4.1	1		10/25/09 16:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1		10/25/09 16:42	87-68-3	
2-Hexanone	ND	ug/kg	40.5	1		10/25/09 16:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		10/25/09 16:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		10/25/09 16:42	99-87-6	
Methylene Chloride	ND	ug/kg	16.2	1		10/25/09 16:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	40.5	1		10/25/09 16:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		10/25/09 16:42	1634-04-4	

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ANALYTICAL RESULTS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

Sample: TT 2929-B **Lab ID: 9255987005** Collected: 10/23/09 09:00 Received: 10/24/09 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							
Naphthalene	ND	ug/kg	4.1	1		10/25/09 16:42	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		10/25/09 16:42	103-65-1	
Styrene	ND	ug/kg	4.1	1		10/25/09 16:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1		10/25/09 16:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		10/25/09 16:42	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		10/25/09 16:42	127-18-4	
Toluene	ND	ug/kg	4.1	1		10/25/09 16:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1		10/25/09 16:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		10/25/09 16:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		10/25/09 16:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		10/25/09 16:42	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		10/25/09 16:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		10/25/09 16:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1		10/25/09 16:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		10/25/09 16:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		10/25/09 16:42	108-67-8	
Vinyl acetate	ND	ug/kg	40.5	1		10/25/09 16:42	108-05-4	
Vinyl chloride	ND	ug/kg	8.1	1		10/25/09 16:42	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	1		10/25/09 16:42	1330-20-7	
m&p-Xylene	ND	ug/kg	8.1	1		10/25/09 16:42	1330-20-7	
o-Xylene	ND	ug/kg	4.1	1		10/25/09 16:42	95-47-6	
Dibromofluoromethane (S)	107	%	79-116	1		10/25/09 16:42	1868-53-7	
Toluene-d8 (S)	100	%	88-110	1		10/25/09 16:42	2037-26-5	
4-Bromofluorobenzene (S)	98	%	74-115	1		10/25/09 16:42	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	69-121	1		10/25/09 16:42	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.7**	%	0.10	1		10/27/09 08:56		

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

QC Batch: MSV/8768 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9255987001, 9255987002, 9255987003, 9255987004, 9255987005

METHOD BLANK: 356293 Matrix: Solid
Associated Lab Samples: 9255987001, 9255987002, 9255987003, 9255987004, 9255987005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	10/25/09 12:08	
1,1,1-Trichloroethane	ug/kg	ND	5.0	10/25/09 12:08	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	10/25/09 12:08	
1,1,2-Trichloroethane	ug/kg	ND	5.0	10/25/09 12:08	
1,1-Dichloroethane	ug/kg	ND	5.0	10/25/09 12:08	
1,1-Dichloroethene	ug/kg	ND	5.0	10/25/09 12:08	
1,1-Dichloropropene	ug/kg	ND	5.0	10/25/09 12:08	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	10/25/09 12:08	
1,2,3-Trichloropropane	ug/kg	ND	5.0	10/25/09 12:08	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	10/25/09 12:08	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/25/09 12:08	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	10/25/09 12:08	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	10/25/09 12:08	
1,2-Dichlorobenzene	ug/kg	ND	5.0	10/25/09 12:08	
1,2-Dichloroethane	ug/kg	ND	5.0	10/25/09 12:08	
1,2-Dichloropropane	ug/kg	ND	5.0	10/25/09 12:08	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/25/09 12:08	
1,3-Dichlorobenzene	ug/kg	ND	5.0	10/25/09 12:08	
1,3-Dichloropropane	ug/kg	ND	5.0	10/25/09 12:08	
1,4-Dichlorobenzene	ug/kg	ND	5.0	10/25/09 12:08	
2,2-Dichloropropane	ug/kg	ND	5.0	10/25/09 12:08	
2-Butanone (MEK)	ug/kg	ND	100	10/25/09 12:08	
2-Chlorotoluene	ug/kg	ND	5.0	10/25/09 12:08	
2-Hexanone	ug/kg	ND	50.0	10/25/09 12:08	
4-Chlorotoluene	ug/kg	ND	5.0	10/25/09 12:08	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	10/25/09 12:08	
Acetone	ug/kg	ND	100	10/25/09 12:08	
Benzene	ug/kg	ND	5.0	10/25/09 12:08	
Bromobenzene	ug/kg	ND	5.0	10/25/09 12:08	
Bromochloromethane	ug/kg	ND	5.0	10/25/09 12:08	
Bromodichloromethane	ug/kg	ND	5.0	10/25/09 12:08	
Bromoform	ug/kg	ND	5.0	10/25/09 12:08	
Bromomethane	ug/kg	ND	10.0	10/25/09 12:08	
Carbon tetrachloride	ug/kg	ND	5.0	10/25/09 12:08	
Chlorobenzene	ug/kg	ND	5.0	10/25/09 12:08	
Chloroethane	ug/kg	ND	10.0	10/25/09 12:08	
Chloroform	ug/kg	ND	5.0	10/25/09 12:08	
Chloromethane	ug/kg	ND	10.0	10/25/09 12:08	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	10/25/09 12:08	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	10/25/09 12:08	
Dibromochloromethane	ug/kg	ND	5.0	10/25/09 12:08	
Dibromomethane	ug/kg	ND	5.0	10/25/09 12:08	
Dichlorodifluoromethane	ug/kg	ND	10.0	10/25/09 12:08	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

METHOD BLANK: 356293 Matrix: Solid

Associated Lab Samples: 9255987001, 9255987002, 9255987003, 9255987004, 9255987005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	10/25/09 12:08	
Ethylbenzene	ug/kg	ND	5.0	10/25/09 12:08	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	10/25/09 12:08	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/25/09 12:08	
m&p-Xylene	ug/kg	ND	10.0	10/25/09 12:08	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/25/09 12:08	
Methylene Chloride	ug/kg	ND	20.0	10/25/09 12:08	
n-Butylbenzene	ug/kg	ND	5.0	10/25/09 12:08	
n-Propylbenzene	ug/kg	ND	5.0	10/25/09 12:08	
Naphthalene	ug/kg	ND	5.0	10/25/09 12:08	
o-Xylene	ug/kg	ND	5.0	10/25/09 12:08	
p-Isopropyltoluene	ug/kg	ND	5.0	10/25/09 12:08	
sec-Butylbenzene	ug/kg	ND	5.0	10/25/09 12:08	
Styrene	ug/kg	ND	5.0	10/25/09 12:08	
tert-Butylbenzene	ug/kg	ND	5.0	10/25/09 12:08	
Tetrachloroethene	ug/kg	ND	5.0	10/25/09 12:08	
Toluene	ug/kg	ND	5.0	10/25/09 12:08	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	10/25/09 12:08	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	10/25/09 12:08	
Trichloroethene	ug/kg	ND	5.0	10/25/09 12:08	
Trichlorofluoromethane	ug/kg	ND	5.0	10/25/09 12:08	
Vinyl acetate	ug/kg	ND	50.0	10/25/09 12:08	
Vinyl chloride	ug/kg	ND	10.0	10/25/09 12:08	
Xylene (Total)	ug/kg	ND	10.0	10/25/09 12:08	
1,2-Dichloroethane-d4 (S)	%	102	69-121	10/25/09 12:08	
4-Bromofluorobenzene (S)	%	96	74-115	10/25/09 12:08	
Dibromofluoromethane (S)	%	101	79-116	10/25/09 12:08	
Toluene-d8 (S)	%	101	88-110	10/25/09 12:08	

LABORATORY CONTROL SAMPLE: 356294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	54.0	108	75-137	
1,1,1-Trichloroethane	ug/kg	50	54.3	109	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	51.0	102	74-133	
1,1,2-Trichloroethane	ug/kg	50	54.3	109	79-129	
1,1-Dichloroethane	ug/kg	50	55.0	110	72-139	
1,1-Dichloroethene	ug/kg	50	57.3	115	69-154	
1,1-Dichloropropene	ug/kg	50	55.6	111	74-138	
1,2,3-Trichlorobenzene	ug/kg	50	49.9	100	71-150	
1,2,3-Trichloropropane	ug/kg	50	49.1	98	74-135	
1,2,4-Trichlorobenzene	ug/kg	50	50.3	101	68-150	
1,2,4-Trimethylbenzene	ug/kg	50	56.7	113	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	52.6	105	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	52.6	105	77-136	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

LABORATORY CONTROL SAMPLE: 356294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	51.9	104	75-141	
1,2-Dichloroethane	ug/kg	50	52.4	105	74-134	
1,2-Dichloropropane	ug/kg	50	56.3	113	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	54.7	109	65-128	
1,3-Dichlorobenzene	ug/kg	50	51.5	103	76-133	
1,3-Dichloropropane	ug/kg	50	52.6	105	79-132	
1,4-Dichlorobenzene	ug/kg	50	50.9	102	75-137	
2,2-Dichloropropane	ug/kg	50	53.3	107	73-137	
2-Butanone (MEK)	ug/kg	100	118	118	61-138	
2-Chlorotoluene	ug/kg	50	52.9	106	73-138	
2-Hexanone	ug/kg	100	114	114	58-159	
4-Chlorotoluene	ug/kg	50	54.5	109	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	111	111	74-139	
Acetone	ug/kg	100	125	125	58-150	
Benzene	ug/kg	50	53.3	107	71-140	
Bromobenzene	ug/kg	50	52.9	106	72-144	
Bromochloromethane	ug/kg	50	56.1	112	78-133	
Bromodichloromethane	ug/kg	50	50.8	102	78-133	
Bromoform	ug/kg	50	53.5	107	74-132	
Bromomethane	ug/kg	50	73.6	147	63-184	
Carbon tetrachloride	ug/kg	50	55.3	111	73-143	
Chlorobenzene	ug/kg	50	52.3	105	77-137	
Chloroethane	ug/kg	50	58.1	116	68-146	
Chloroform	ug/kg	50	53.5	107	75-137	
Chloromethane	ug/kg	50	57.9	116	54-143	
cis-1,2-Dichloroethene	ug/kg	50	55.9	112	71-143	
cis-1,3-Dichloropropene	ug/kg	50	56.8	114	76-133	
Dibromochloromethane	ug/kg	50	50.5	101	77-131	
Dibromomethane	ug/kg	50	52.3	105	63-184	
Dichlorodifluoromethane	ug/kg	50	51.7	103	36-173	
Diisopropyl ether	ug/kg	50	54.1	108	68-144	
Ethylbenzene	ug/kg	50	54.3	109	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	52.0	104	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	54.0	108	77-143	
m&p-Xylene	ug/kg	100	109	109	72-138	
Methyl-tert-butyl ether	ug/kg	50	53.2	106	2-138	
Methylene Chloride	ug/kg	50	48.8	98	69-136	
n-Butylbenzene	ug/kg	50	53.6	107	65-128	
n-Propylbenzene	ug/kg	50	54.4	109	72-139	
Naphthalene	ug/kg	50	54.8	110	61-138	
o-Xylene	ug/kg	50	55.4	111	74-137	
p-Isopropyltoluene	ug/kg	50	54.5	109	66-128	
sec-Butylbenzene	ug/kg	50	53.8	108	72-140	
Styrene	ug/kg	50	55.1	110	76-137	
tert-Butylbenzene	ug/kg	50	54.6	109	68-141	
Tetrachloroethene	ug/kg	50	52.7	105	72-136	
Toluene	ug/kg	50	52.1	104	69-139	
trans-1,2-Dichloroethene	ug/kg	50	53.4	107	72-144	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

LABORATORY CONTROL SAMPLE: 356294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	55.7	111	73-135	
Trichloroethene	ug/kg	50	54.3	109	75-136	
Trichlorofluoromethane	ug/kg	50	53.6	107	69-144	
Vinyl acetate	ug/kg	100	106	106	50-150	
Vinyl chloride	ug/kg	50	55.2	110	61-145	
Xylene (Total)	ug/kg	150	165	110	73-138	
1,2-Dichloroethane-d4 (S)	%			96	69-121	
4-Bromofluorobenzene (S)	%			98	74-115	
Dibromofluoromethane (S)	%			101	79-116	
Toluene-d8 (S)	%			100	88-110	

MATRIX SPIKE SAMPLE: 356362

Parameter	Units	9255987004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	41.6	43.6	105	33-158	
Benzene	ug/kg	ND	41.6	36.5	88	46-143	
Chlorobenzene	ug/kg	ND	41.6	36.7	88	29-159	
Toluene	ug/kg	ND	41.6	37.2	89	38-145	
Trichloroethene	ug/kg	ND	41.6	37.8	91	70-130	
1,2-Dichloroethane-d4 (S)	%				101	69-121	
4-Bromofluorobenzene (S)	%				95	74-115	
Dibromofluoromethane (S)	%				100	79-116	
Toluene-d8 (S)	%				101	88-110	

SAMPLE DUPLICATE: 356363

Parameter	Units	9255441001 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.: 9255987

SAMPLE DUPLICATE: 356363

Parameter	Units	9255441001 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	32.2J	26.2J		
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.: 9255987

SAMPLE DUPLICATE: 356363

Parameter	Units	9255441001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	106	102	14	
4-Bromofluorobenzene (S)	%	99	99	11	
Dibromofluoromethane (S)	%	102	101	12	
Toluene-d8 (S)	%	101	100	11	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

QC Batch: PMST/2835 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9255987001, 9255987002, 9255987003, 9255987004

SAMPLE DUPLICATE: 356373

Parameter	Units	9255987001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	20.5	20.9	2	

SAMPLE DUPLICATE: 356374

Parameter	Units	9255973009 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	20.2	19.0	6	

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QUALITY CONTROL DATA

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

QC Batch: PMST/2836
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 9255987005

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 356380

Parameter	Units	9255987005 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	15.7	15.8	1	

SAMPLE DUPLICATE: 356381

Parameter	Units	9255973010 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	28.4	28.4	0	

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QUALIFIERS

Project: TT-2 TANK REMOVAL
Pace Project No.: 9255987

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

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Prepared For:

Pace Analytical Services Inc. - Huntersville
9800 Kincey Avenue
Huntersville, NC 28078

Attention: Ms. Ashley Nifong

Report Number: ASJ0908
October 28, 2009
Project: TT-2 Tank Removal
Project #:9255987

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Elizabeth Bryant
Project Manager

Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).
All test results relate only to the samples analyzed.

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TT 2929-1 /9255987001	ASJ0908-01	Solid	10/23/09 08:10	10/27/09 09:20
TT 2929-2 /9255987002	ASJ0908-02	Solid	10/23/09 08:15	10/27/09 09:20
TT 2929-3 /9255987003	ASJ0908-03	Solid	10/23/09 08:30	10/27/09 09:20
TT 2929-4 /9255987004	ASJ0908-04	Solid	10/23/09 08:45	10/27/09 09:20
TT 2929-B /9255987005	ASJ0908-05	Solid	10/23/09 09:00	10/27/09 09:20

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Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-1 /9255987001
Date/Time Sampled: 10/23/2009 8:10:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-01
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	76.1	0.04	% by Weight	SOP Moisture		1	10/27/09 15:00	10/27/09 15:00	A910768	MZF
Semivolatile Organic Compounds by EPA 8270										
Anthracene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Acenaphthene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Acenaphthylene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Aniline	ND	860	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Benzo(a)anthracene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Benzo(a)pyrene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Benzo(b)fluoranthene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Benzo(ghi)perylene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Benzo(k)fluoranthene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Benzoic acid	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Benzyl alcohol	ND	860	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Benzyl butyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
4-Bromophenyl phenyl ether	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Di-n-butyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
4-Chloroaniline	ND	860	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Bis(2-chloroethoxy)methane	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Bis(2-chloroethyl)ether	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Bis(2-chloroisopropyl)ether	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
4-Chloro-3-methylphenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2-Chloronaphthalene	ND	860	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2-Chlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
4-Chlorophenyl phenyl ether	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Chrysene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Dibenzo(a,h)anthracene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Dibenzofuran	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
1,2-Dichlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
1,3-Dichlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
1,4-Dichlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
3,3'-Dichlorobenzidine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2,4-Dichlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Diethyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2,4-Dimethylphenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/

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(770) 734-4200 FAX (770) 734-4201

Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-1 /9255987001
Date/Time Sampled: 10/23/2009 8:10:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-01
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
Dimethyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2,4-Dinitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2,4-Dinitrotoluene	ND	860	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2,6-Dinitrotoluene	ND	860	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
1,2-Diphenylhydrazine as azobenzene *	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Bis(2-ethylhexyl)phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Fluoranthene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Fluorene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Hexachlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Hexachlorobutadiene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Hexachlorocyclopentadiene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Hexachloroethane	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Indeno(1,2,3-cd)pyrene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Isophorone	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2-Methylnaphthalene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2-Methylphenol (o-cresol)	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
3+4-Methylphenol (m+p-cresol)	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Naphthalene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
3-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
4-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Nitrobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2-Nitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
4-Nitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
N-Nitrosodimethylamine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
N-Nitrosodiphenylamine/Diphenylamine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
N-Nitrosodi-n-propylamine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Di-n-octyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Pentachlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Phenanthrene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Phenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Pyrene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Pyridine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
1,2,4-Trichlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
2,4,5-Trichlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-1 /9255987001
Date/Time Sampled: 10/23/2009 8:10:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-01
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
2,4,6-Trichlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
1-Methylnaphthalene *	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:27	A910751	JS/
Surrogate: 2-Fluorophenol	*64 %*	*10-91*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:27*	*A910751*	
Surrogate: Phenol-d5	*69 %*	*10-98*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:27*	*A910751*	
Surrogate: Nitrobenzene-d5	*70 %*	*10-100*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:27*	*A910751*	
Surrogate: 2-Fluorobiphenyl	*74 %*	*10-102*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:27*	*A910751*	
Surrogate: 2,4,6-Tribromophenol	*75 %*	*10-189*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:27*	*A910751*	
Surrogate: p-Terphenyl-dl4	*72 %*	*10-114*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:27*	*A910751*	

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9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-2 /9255987002
Date/Time Sampled: 10/23/2009 8:15:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-02
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	74.1	0.04	% by Weight	SOP Moisture		1	10/27/09 15:00	10/27/09 15:00	A910768	MZF
Semivolatile Organic Compounds by EPA 8270										
Anthracene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Acenaphthene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Acenaphthylene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Aniline	ND	890	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Benzo(a)anthracene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Benzo(a)pyrene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Benzo(b)fluoranthene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Benzo(ghi)perylene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Benzo(k)fluoranthene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Benzoic acid	ND	2300	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Benzyl alcohol	ND	890	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Benzyl butyl phthalate	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
4-Bromophenyl phenyl ether	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Di-n-butyl phthalate	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
4-Chloroaniline	ND	890	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Bis(2-chloroethoxy)methane	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Bis(2-chloroethyl)ether	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Bis(2-chloroisopropyl)ether	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
4-Chloro-3-methylphenol	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2-Chloronaphthalene	ND	890	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2-Chlorophenol	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
4-Chlorophenyl phenyl ether	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Chrysene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Dibenzo(a,h)anthracene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Dibenzofuran	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
1,2-Dichlorobenzene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
1,3-Dichlorobenzene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
1,4-Dichlorobenzene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
3,3'-Dichlorobenzidine	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2,4-Dichlorophenol	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Diethyl phthalate	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2,4-Dimethylphenol	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/

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(770) 734-4200 FAX (770) 734-4201

Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-2 /9255987002
Date/Time Sampled: 10/23/2009 8:15:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-02
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
Dimethyl phthalate	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
4,6-Dinitro-2-methylphenol	ND	2300	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2,4-Dinitrophenol	ND	2300	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2,4-Dinitrotoluene	ND	890	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2,6-Dinitrotoluene	ND	890	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
1,2-Diphenylhydrazine as azobenzene *	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Bis(2-ethylhexyl)phthalate	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Fluoranthene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Fluorene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Hexachlorobenzene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Hexachlorobutadiene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Hexachlorocyclopentadiene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Hexachloroethane	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Indeno(1,2,3-cd)pyrene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Isophorone	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2-Methylnaphthalene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
3+4-Methylphenol (m+p-cresol)	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2-Methylphenol (o-cresol)	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Naphthalene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2-Nitroaniline	ND	2300	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
3-Nitroaniline	ND	2300	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
4-Nitroaniline	ND	2300	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Nitrobenzene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2-Nitrophenol	ND	2300	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
4-Nitrophenol	ND	2300	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
N-Nitrosodimethylamine	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
N-Nitrosodiphenylamine/Diphenylamine	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
N-Nitrosodi-n-propylamine	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Di-n-octyl phthalate	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Pentachlorophenol	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Phenanthrene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Phenol	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Pyrene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Pyridine	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
1,2,4-Trichlorobenzene	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
2,4,5-Trichlorophenol	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/

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Environmental Monitoring & Laboratory Analysis
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Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-2 /9255987002
Date/Time Sampled: 10/23/2009 8:15:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-02
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
2,4,6-Trichlorophenol	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
1-Methylnaphthalene *	ND	440	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 16:55	A910751	JS/
Surrogate: 2-Fluorophenol	*66 %*	*10-91*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:55*	*A910751*	
Surrogate: Phenol-d5	*70 %*	*10-98*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:55*	*A910751*	
Surrogate: Nitrobenzene-d5	*68 %*	*10-100*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:55*	*A910751*	
Surrogate: 2-Fluorobiphenyl	*72 %*	*10-102*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:55*	*A910751*	
Surrogate: 2,4,6-Tribromophenol	*76 %*	*10-189*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:55*	*A910751*	
Surrogate: p-Terphenyl-dl4	*74 %*	*10-114*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 16:55*	*A910751*	

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9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-3 /9255987003
Date/Time Sampled: 10/23/2009 8:30:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-03
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	77.6	0.04	% by Weight	SOP Moisture		1	10/27/09 15:00	10/27/09 15:00	A910768	MZF
Semivolatile Organic Compounds by EPA 8270										
Anthracene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Acenaphthene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Acenaphthylene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Aniline	ND	850	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Benzo(a)anthracene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Benzo(a)pyrene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Benzo(b)fluoranthene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Benzo(ghi)perylene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Benzo(k)fluoranthene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Benzoic acid	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Benzyl alcohol	ND	850	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Benzyl butyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
4-Bromophenyl phenyl ether	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Di-n-butyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
4-Chloroaniline	ND	850	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Bis(2-chloroethoxy)methane	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Bis(2-chloroethyl)ether	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Bis(2-chloroisopropyl)ether	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
4-Chloro-3-methylphenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2-Chloronaphthalene	ND	850	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2-Chlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
4-Chlorophenyl phenyl ether	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Chrysene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Dibenzo(a,h)anthracene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Dibenzofuran	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
1,2-Dichlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
1,3-Dichlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
1,4-Dichlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
3,3'-Dichlorobenzidine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2,4-Dichlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Diethyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2,4-Dimethylphenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-3 /9255987003
Date/Time Sampled: 10/23/2009 8:30:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-03
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
Dimethyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2,4-Dinitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2,4-Dinitrotoluene	ND	850	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2,6-Dinitrotoluene	ND	850	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
1,2-Diphenylhydrazine as azobenzene *	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Bis(2-ethylhexyl)phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Fluoranthene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Fluorene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Hexachlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Hexachlorobutadiene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Hexachlorocyclopentadiene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Hexachloroethane	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Indeno(1,2,3-cd)pyrene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Isophorone	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2-Methylnaphthalene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
3+4-Methylphenol (m+p-cresol)	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2-Methylphenol (o-cresol)	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Naphthalene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
3-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
4-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Nitrobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2-Nitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
4-Nitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
N-Nitrosodimethylamine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
N-Nitrosodiphenylamine/Diphenylamine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
N-Nitrosodi-n-propylamine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Di-n-octyl phthalate	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Pentachlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Phenanthrene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Phenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Pyrene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Pyridine	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
1,2,4-Trichlorobenzene	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
2,4,5-Trichlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/

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9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-3 /9255987003
Date/Time Sampled: 10/23/2009 8:30:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-03
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
2,4,6-Trichlorophenol	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
1-Methylnaphthalene *	ND	430	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:23	A910751	JS/
Surrogate: 2-Fluorophenol	*60 %*	*10-91*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:23*	*A910751*	
Surrogate: Phenol-d5	*63 %*	*10-98*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:23*	*A910751*	
Surrogate: Nitrobenzene-d5	*58 %*	*10-100*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:23*	*A910751*	
Surrogate: 2-Fluorobiphenyl	*67 %*	*10-102*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:23*	*A910751*	
Surrogate: 2,4,6-Tribromophenol	*77 %*	*10-189*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:23*	*A910751*	
Surrogate: p-Terphenyl-dl4	*73 %*	*10-114*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:23*	*A910751*	

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Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-4 /9255987004
Date/Time Sampled: 10/23/2009 8:45:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-04
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	78.7	0.04	% by Weight	SOP Moisture		1	10/27/09 15:00	10/27/09 15:00	A910768	MZF
Semivolatile Organic Compounds by EPA 8270										
Anthracene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Acenaphthene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Acenaphthylene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Aniline	ND	840	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Benzo(a)anthracene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Benzo(a)pyrene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Benzo(b)fluoranthene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Benzo(ghi)perylene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Benzo(k)fluoranthene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Benzoic acid	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Benzyl alcohol	ND	840	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Benzyl butyl phthalate	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
4-Bromophenyl phenyl ether	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Di-n-butyl phthalate	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
4-Chloroaniline	ND	840	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Bis(2-chloroethoxy)methane	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Bis(2-chloroethyl)ether	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Bis(2-chloroisopropyl)ether	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
4-Chloro-3-methylphenol	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2-Chloronaphthalene	ND	840	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2-Chlorophenol	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
4-Chlorophenyl phenyl ether	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Chrysene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Dibenzo(a,h)anthracene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Dibenzofuran	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
1,2-Dichlorobenzene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
1,3-Dichlorobenzene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
1,4-Dichlorobenzene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
3,3'-Dichlorobenzidine	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2,4-Dichlorophenol	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Diethyl phthalate	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2,4-Dimethylphenol	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/

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Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-4 /9255987004
Date/Time Sampled: 10/23/2009 8:45:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-04
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
Dimethyl phthalate	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2,4-Dinitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2,4-Dinitrotoluene	ND	840	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2,6-Dinitrotoluene	ND	840	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
1,2-Diphenylhydrazine as azobenzene *	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Bis(2-ethylhexyl)phthalate	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Fluoranthene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Fluorene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Hexachlorobenzene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Hexachlorobutadiene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Hexachlorocyclopentadiene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Hexachloroethane	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Indeno(1,2,3-cd)pyrene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Isophorone	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2-Methylnaphthalene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2-Methylphenol (o-cresol)	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
3+4-Methylphenol (m+p-cresol)	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Naphthalene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
3-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
4-Nitroaniline	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Nitrobenzene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2-Nitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
4-Nitrophenol	ND	2200	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
N-Nitrosodimethylamine	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
N-Nitrosodiphenylamine/Diphenylamine	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
N-Nitrosodi-n-propylamine	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Di-n-octyl phthalate	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Pentachlorophenol	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Phenanthrene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Phenol	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Pyrene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Pyridine	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
1,2,4-Trichlorobenzene	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
2,4,5-Trichlorophenol	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/

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9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-4 /9255987004
Date/Time Sampled: 10/23/2009 8:45:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-04
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
2,4,6-Trichlorophenol	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
1-Methylnaphthalene *	ND	420	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 17:52	A910751	JS/
Surrogate: 2-Fluorophenol	*62 %*	*10-91*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:52*	*A910751*	
Surrogate: Phenol-d5	*63 %*	*10-98*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:52*	*A910751*	
Surrogate: Nitrobenzene-d5	*64 %*	*10-100*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:52*	*A910751*	
Surrogate: 2-Fluorobiphenyl	*66 %*	*10-102*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:52*	*A910751*	
Surrogate: 2,4,6-Tribromophenol	*70 %*	*10-189*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:52*	*A910751*	
Surrogate: p-Terphenyl-dl4	*69 %*	*10-114*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 17:52*	*A910751*	

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-B /9255987005
Date/Time Sampled: 10/23/2009 9:00:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-05
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry										
% Solids	79.3	0.04	% by Weight	SOP Moisture		1	10/27/09 15:00	10/27/09 15:00	A910768	MZF
Semivolatile Organic Compounds by EPA 8270										
Anthracene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Acenaphthene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Acenaphthylene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Aniline	ND	830	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Benzo(a)anthracene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Benzo(a)pyrene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Benzo(b)fluoranthene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Benzo(ghi)perylene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Benzo(k)fluoranthene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Benzoic acid	ND	2100	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Benzyl alcohol	ND	830	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Benzyl butyl phthalate	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
4-Bromophenyl phenyl ether	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Di-n-butyl phthalate	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
4-Chloroaniline	ND	830	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Bis(2-chloroethoxy)methane	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Bis(2-chloroethyl)ether	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Bis(2-chloroisopropyl)ether	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
4-Chloro-3-methylphenol	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2-Chloronaphthalene	ND	830	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2-Chlorophenol	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
4-Chlorophenyl phenyl ether	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Chrysene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Dibenzo(a,h)anthracene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Dibenzofuran	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
1,2-Dichlorobenzene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
1,3-Dichlorobenzene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
1,4-Dichlorobenzene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
3,3'-Dichlorobenzidine	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2,4-Dichlorophenol	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Diethyl phthalate	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2,4-Dimethylphenol	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/

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9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-B /9255987005
Date/Time Sampled: 10/23/2009 9:00:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-05
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
Dimethyl phthalate	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2,4-Dinitrophenol	ND	2100	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2,4-Dinitrotoluene	ND	830	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2,6-Dinitrotoluene	ND	830	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
1,2-Diphenylhydrazine as azobenzene *	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Bis(2-ethylhexyl)phthalate	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Fluoranthene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Fluorene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Hexachlorobenzene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Hexachlorobutadiene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Hexachlorocyclopentadiene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Hexachloroethane	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Indeno(1,2,3-cd)pyrene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Isophorone	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2-Methylnaphthalene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2-Methylphenol (o-cresol)	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
3+4-Methylphenol (m+p-cresol)	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Naphthalene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2-Nitroaniline	ND	2100	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
3-Nitroaniline	ND	2100	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
4-Nitroaniline	ND	2100	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Nitrobenzene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2-Nitrophenol	ND	2100	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
4-Nitrophenol	ND	2100	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
N-Nitrosodimethylamine	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
N-Nitrosodiphenylamine/Diphenylamine	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
N-Nitrosodi-n-propylamine	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Di-n-octyl phthalate	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Pentachlorophenol	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Phenanthrene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Phenol	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Pyrene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Pyridine	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
1,2,4-Trichlorobenzene	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
2,4,5-Trichlorophenol	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/

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9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908
Client ID: TT 2929-B /9255987005
Date/Time Sampled: 10/23/2009 9:00:00AM
Matrix: Solid

Project: TT-2 Tank Removal
Lab Number ID: ASJ0908-05
Date/Time Received: 10/27/2009 9:20:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270										
2,4,6-Trichlorophenol	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
1-Methylnaphthalene *	ND	410	ug/kg dry	EPA 8270D		1	10/27/09 9:12	10/27/09 18:20	A910751	JS/
Surrogate: 2-Fluorophenol	*56 %*	*10-91*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 18:20*	*A910751*	
Surrogate: Phenol-d5	*57 %*	*10-98*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 18:20*	*A910751*	
Surrogate: Nitrobenzene-d5	*59 %*	*10-100*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 18:20*	*A910751*	
Surrogate: 2-Fluorobiphenyl	*58 %*	*10-102*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 18:20*	*A910751*	
Surrogate: 2,4,6-Tribromophenol	*66 %*	*10-189*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 18:20*	*A910751*	
Surrogate: p-Terphenyl-dl4	*64 %*	*10-114*		*EPA 8270D*			*10/27/09 9:12*	*10/27/09 18:20*	*A910751*	

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October 28, 2009

Report No.: ASJ0908

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910768 - % Solids										
Duplicate (A910768-DUP1)		**Source: ASJ0926-01**			Prepared & Analyzed: 10/27/09					
% Solids	81.6	0.04	% by Weight		81.2			0.5	12	

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October 28, 2009

Report No.: ASJ0908

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910751 - EPA 3550B										
Blank (A910751-BLK1)					Prepared & Analyzed: 10/27/09					
Anthracene	ND	330	ug/kg wet							
Acenaphthene	ND	330	ug/kg wet							
Acenaphthylene	ND	330	ug/kg wet							
Aniline	ND	660	ug/kg wet							
Benzo(a)anthracene	ND	330	ug/kg wet							
Benzo(a)pyrene	ND	330	ug/kg wet							
Benzo(b)fluoranthene	ND	330	ug/kg wet							
Benzo(ghi)perylene	ND	330	ug/kg wet							
Benzo(k)fluoranthene	ND	330	ug/kg wet							
Benzoic acid	ND	1700	ug/kg wet							
Benzyl alcohol	ND	660	ug/kg wet							
Benzyl butyl phthalate	ND	330	ug/kg wet							
4-Bromophenyl phenyl ether	ND	330	ug/kg wet							
Di-n-butyl phthalate	ND	330	ug/kg wet							
4-Chloroaniline	ND	660	ug/kg wet							
Bis(2-chloroethoxy)methane	ND	330	ug/kg wet							
Bis(2-chloroethyl)ether	ND	330	ug/kg wet							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg wet							
4-Chloro-3-methylphenol	ND	330	ug/kg wet							
2-Chloronaphthalene	ND	660	ug/kg wet							
2-Chlorophenol	ND	330	ug/kg wet							
4-Chlorophenyl phenyl ether	ND	330	ug/kg wet							
Chrysene	ND	330	ug/kg wet							
Dibenzo(a,h)anthracene	ND	330	ug/kg wet							
Dibenzofuran	ND	330	ug/kg wet							
1,2-Dichlorobenzene	ND	330	ug/kg wet							
1,3-Dichlorobenzene	ND	330	ug/kg wet							
1,4-Dichlorobenzene	ND	330	ug/kg wet							
3,3'-Dichlorobenzidine	ND	330	ug/kg wet							
2,4-Dichlorophenol	ND	330	ug/kg wet							
Diethyl phthalate	ND	330	ug/kg wet							
2,4-Dimethylphenol	ND	330	ug/kg wet							
Dimethyl phthalate	ND	330	ug/kg wet							
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg wet							
2,4-Dinitrophenol	ND	1700	ug/kg wet							
2,4-Dinitrotoluene	ND	660	ug/kg wet							
2,6-Dinitrotoluene	ND	660	ug/kg wet							
1,2-Diphenylhydrazine as azobenzene	ND	330	ug/kg wet							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg wet							
Fluoranthene	ND	330	ug/kg wet							
Fluorene	ND	330	ug/kg wet							

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October 28, 2009

Report No.: ASJ0908

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910751 - EPA 3550B										
Blank (A910751-BLK1)					Prepared & Analyzed: 10/27/09					
Hexachlorobenzene	ND	330	ug/kg wet							
Hexachlorobutadiene	ND	330	ug/kg wet							
Hexachlorocyclopentadiene	ND	330	ug/kg wet							
Hexachloroethane	ND	330	ug/kg wet							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg wet							
Isophorone	ND	330	ug/kg wet							
2-Methylnaphthalene	ND	330	ug/kg wet							
3+4-Methylphenol (m+p-cresol)	ND	330	ug/kg wet							
2-Methylphenol (o-cresol)	ND	330	ug/kg wet							
Naphthalene	ND	330	ug/kg wet							
2-Nitroaniline	ND	1700	ug/kg wet							
3-Nitroaniline	ND	1700	ug/kg wet							
4-Nitroaniline	ND	1700	ug/kg wet							
Nitrobenzene	ND	330	ug/kg wet							
2-Nitrophenol	ND	1700	ug/kg wet							
4-Nitrophenol	ND	1700	ug/kg wet							
N-Nitrosodimethylamine	ND	330	ug/kg wet							
N-Nitrosodiphenylamine/Diphenylamine	ND	330	ug/kg wet							
N-Nitrosodi-n-propylamine	ND	330	ug/kg wet							
Di-n-octyl phthalate	ND	330	ug/kg wet							
Pentachlorophenol	ND	330	ug/kg wet							
Phenanthrene	ND	330	ug/kg wet							
Phenol	ND	330	ug/kg wet							
Pyrene	ND	330	ug/kg wet							
Pyridine	ND	330	ug/kg wet							
1,2,4-Trichlorobenzene	ND	330	ug/kg wet							
2,4,5-Trichlorophenol	ND	330	ug/kg wet							
2,4,6-Trichlorophenol	ND	330	ug/kg wet							
1-Methylnaphthalene	ND	330	ug/kg wet							
Surrogate: 2-Fluorophenol	*1732*		*ug/kg wet*	*3327.8*		*52*	*10-91*			
Surrogate: Phenol-d5	*1873*		*ug/kg wet*	*3327.8*		*56*	*10-98*			
Surrogate: Nitrobenzene-d5	*964.7*		*ug/kg wet*	*1663.9*		*58*	*10-100*			
Surrogate: 2-Fluorobiphenyl	*962.7*		*ug/kg wet*	*1663.9*		*58*	*10-102*			
Surrogate: 2,4,6-Tribromophenol	*1755*		*ug/kg wet*	*3327.8*		*53*	*10-189*			
Surrogate: p-Terphenyl-dl4	*1056*		*ug/kg wet*	*1663.9*		*63*	*10-114*			

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Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910751 - EPA 3550B										
LCS (A910751-BS1)						Prepared & Analyzed: 10/27/09				
Acenaphthene	950	330	ug/kg wet	1665.6		57	29-105			
4-Chloro-3-methylphenol	2000	330	ug/kg wet	3331.1		59	35-97			
2-Chlorophenol	1800	330	ug/kg wet	3331.1		53	29-91			
1,4-Dichlorobenzene	840	330	ug/kg wet	1665.6		51	24-89			
2,4-Dinitrotoluene	840	660	ug/kg wet	1665.6		50	34-103			
4-Nitrophenol	1700	1700	ug/kg wet	3331.1		52	19-118			
N-Nitrosodi-n-propylamine	970	330	ug/kg wet	1665.6		59	23-97			
Pentachlorophenol	1700	330	ug/kg wet	3331.1		52	29-119			
Phenol	1800	330	ug/kg wet	3331.1		54	29-90			
Pyrene	1000	330	ug/kg wet	1665.6		61	34-134			
1,2,4-Trichlorobenzene	850	330	ug/kg wet	1665.6		51	22-97			
Surrogate: 2-Fluorophenol	*1846*		*ug/kg wet*	*3331.1*		*55*	*10-91*			
Surrogate: Phenol-d5	*1865*		*ug/kg wet*	*3331.1*		*56*	*10-98*			
Surrogate: Nitrobenzene-d5	*976.7*		*ug/kg wet*	*1665.6*		*59*	*10-100*			
Surrogate: 2-Fluorobiphenyl	*1010*		*ug/kg wet*	*1665.6*		*61*	*10-102*			
Surrogate: 2,4,6-Tribromophenol	*2065*		*ug/kg wet*	*3331.1*		*62*	*10-189*			
Surrogate: p-Terphenyl-dl4	*1051*		*ug/kg wet*	*1665.6*		*63*	*10-114*			
Matrix Spike (A910751-MS1)	**Source: ASJ0872-01**					Prepared & Analyzed: 10/27/09				
Acenaphthene	1600	330	ug/kg wet	1661.1	480	65	31-105			
4-Chloro-3-methylphenol	2900	330	ug/kg wet	3322.3	ND	88	32-100			
2-Chlorophenol	2700	330	ug/kg wet	3322.3	ND	82	28-91			
1,4-Dichlorobenzene	1200	330	ug/kg wet	1661.1	ND	69	24-85			
2,4-Dinitrotoluene	1900	660	ug/kg wet	1661.1	ND	112	23-111			QM-07
4-Nitrophenol	2800	1700	ug/kg wet	3322.3	ND	84	20-104			
N-Nitrosodi-n-propylamine	2200	330	ug/kg wet	1661.1	ND	130	26-92			QM-07
Pentachlorophenol	3100	330	ug/kg wet	3322.3	ND	93	24-118			
Phenol	2600	330	ug/kg wet	3322.3	ND	78	29-89			
Pyrene	1900	330	ug/kg wet	1661.1	290	97	43-120			
1,2,4-Trichlorobenzene	1300	330	ug/kg wet	1661.1	ND	81	24-93			
Surrogate: 2-Fluorophenol	*2396*		*ug/kg wet*	*3322.3*		*72*	*10-91*			
Surrogate: Phenol-d5	*2469*		*ug/kg wet*	*3322.3*		*74*	*10-98*			
Surrogate: Nitrobenzene-d5	*2856*		*ug/kg wet*	*1661.1*		*172*	*10-100*			*S-04*
Surrogate: 2-Fluorobiphenyl	*1084*		*ug/kg wet*	*1661.1*		*65*	*10-102*			
Surrogate: 2,4,6-Tribromophenol	*3321*		*ug/kg wet*	*3322.3*		*100*	*10-189*			
Surrogate: p-Terphenyl-dl4	*1169*		*ug/kg wet*	*1661.1*		*70*	*10-114*			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Report No.: ASJ0908

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch A910751 - EPA 3550B										
Matrix Spike Dup (A910751-MSD1)	**Source: ASJ0872-01**				Prepared & Analyzed: 10/27/09					
Acenaphthene	1600	330	ug/kg wet	1665.0	480	65	31-105	0.6	45	
4-Chloro-3-methylphenol	2800	330	ug/kg wet	3330.0	ND	85	32-100	4	59	
2-Chlorophenol	2300	330	ug/kg wet	3330.0	ND	71	28-91	14	50	
1,4-Dichlorobenzene	950	330	ug/kg wet	1665.0	ND	57	24-85	19	46	
2,4-Dinitrotoluene	1800	660	ug/kg wet	1665.0	ND	107	23-111	5	53	
4-Nitrophenol	4100	1700	ug/kg wet	3330.0	ND	123	20-104	38	56	QM-07
N-Nitrosodi-n-propylamine	1400	330	ug/kg wet	1665.0	ND	86	26-92	40	69	
Pentachlorophenol	3000	330	ug/kg wet	3330.0	ND	92	24-118	2	47	
Phenol	2200	330	ug/kg wet	3330.0	ND	67	29-89	16	49	
Pyrene	1600	330	ug/kg wet	1665.0	290	78	43-120	18	45	
1,2,4-Trichlorobenzene	1200	330	ug/kg wet	1665.0	ND	69	24-93	16	51	
Surrogate: 2-Fluorophenol	*1995*		*ug/kg wet*	*3330.0*		*60*	*10-91*			
Surrogate: Phenol-d5	*2158*		*ug/kg wet*	*3330.0*		*65*	*10-98*			
Surrogate: Nitrobenzene-d5	*1550*		*ug/kg wet*	*1665.0*		*93*	*10-100*			
Surrogate: 2-Fluorobiphenyl	*1189*		*ug/kg wet*	*1665.0*		*71*	*10-102*			
Surrogate: 2,4,6-Tribromophenol	*3068*		*ug/kg wet*	*3330.0*		*92*	*10-189*			
Surrogate: p-Terphenyl-dl4	*1256*		*ug/kg wet*	*1665.0*		*75*	*10-114*			

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9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2010

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Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009

Legend

Definition of Laboratory Terms

ND - None Detected at the Reporting Limit
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure
RL - Reporting Limit
DF - Dilution Factor
***** - Analyte not included in the NELAC list of certified analytes.

Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

Definition of Qualifiers

S-04 The surrogate recovery for this sample is outside of established control limits due to a suspected sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Note: Unless otherwise noted, all results are reported on an as received basis.

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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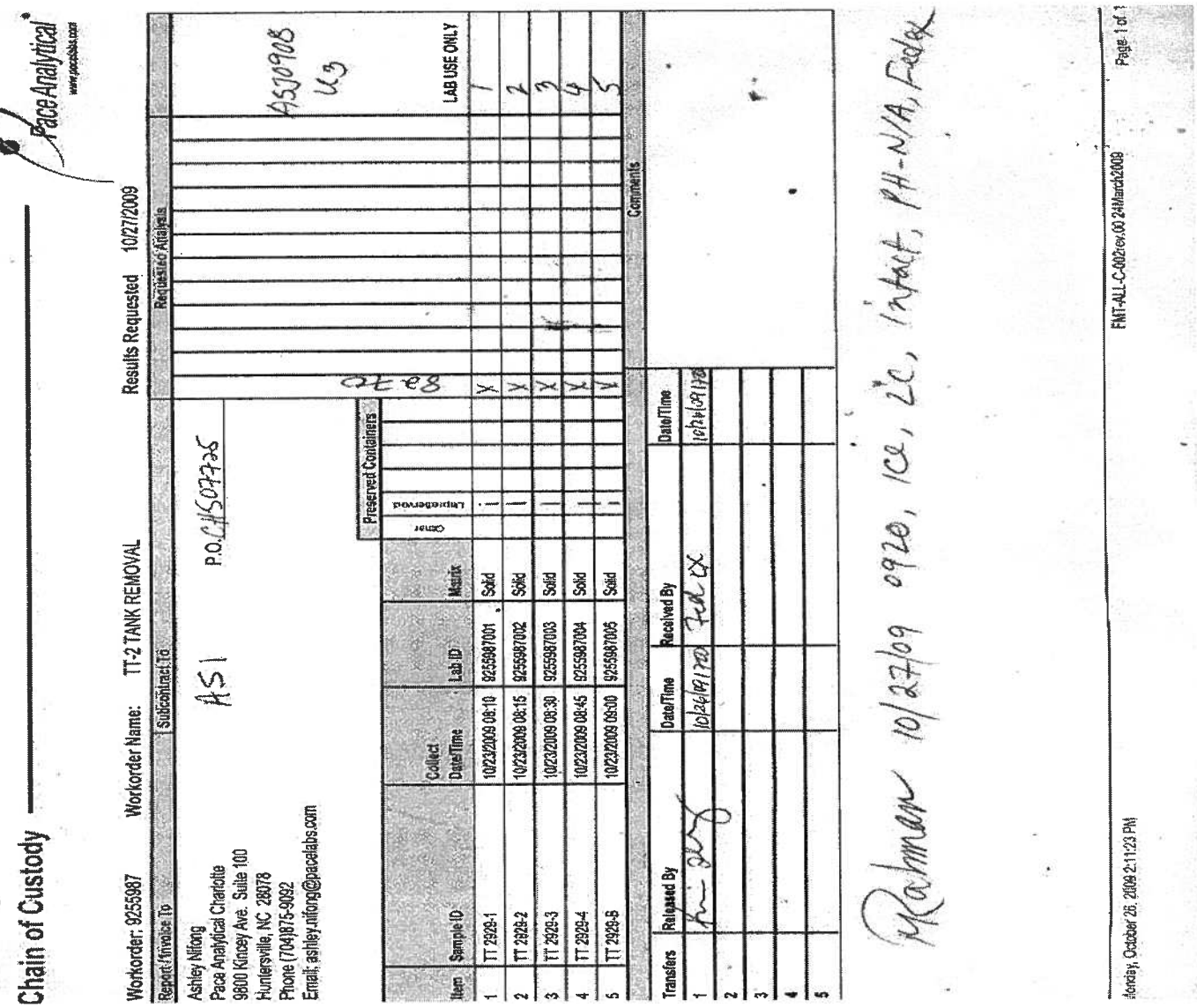
(770) 734-4200 FAX (770) 734-4201

Pace Analytical Services Inc. - Huntersv
9800 Kincey Avenue
Huntersville NC, 28078
Attention: Ms. Ashley Nifong

October 28, 2009



Chain of Custody

Pace Analytical www.pacelabs.com

Workorder: 9255987 Workorder Name: TT-2 TANK REMOVAL Results Requested 10/27/2009

Report / Invoice To | Subcontract To | Requested Analysis

Ashley Nifong
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
Phone (704)875-9092
Email: ashley.nifong@pacelabs.com

ASI

P.O.# 507735

Preserved Containers

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Other	Unpreserved												LAB USE ONLY
1	TT 2929-1	10/23/2009 08:10	9255987001	Solid														1
2	TT 2929-2	10/23/2009 08:15	9255987002	Solid														2
3	TT 2929-3	10/23/2009 08:30	9255987003	Solid														3
4	TT 2929-4	10/23/2009 08:45	9255987004	Solid														4
5	TT 2929-5	10/23/2009 09:00	9255987005	Solid														5

Comments

Transfers	Relinquished By	Date/Time	Received By	Date/Time
1		10/26/09 1720	FedEx	10/26/09 1720
2				
3				
4				
5				

Rahman 10/27/09 0920, ice, 2C, intact, PH-N/A, FedEx

Monday, October 26, 2009 2:11:23 PM

FMT-ALL-C-002rev.00 24March2009

Page 1 of 1

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST

Printed: 10/28/2009 4:06:11PM

Attn: Ms. Ashley Nifong

Client: Pace Analytical Services Inc. - Huntersville
Project: TT-2 Tank Removal
Date Received: 10/27/09 09:20

Work Order: ASJ0908
Logged In By: Mohammad M. Rahman

OBSERVATIONS

#Samples: 5 **#Containers:** 5

Minimum Temp(C): 2.0 **Maximum Temp(C):** 2.0 **Custody Seal(s) Used:** Yes

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	YES
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments:

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

1322703

Section A Required Client Information:

Company: Mec Corp
Address: Pleas clearg FT, NC
Email To: Rob Finley
Phone: 252 447-1700 Fax: 252 447-2012
Requested Due Date/TAT: "24 hr Turn"

Section B Required Project Information:

Report To: Rob Finley
Copy To: Mike Rohren
Purchase Order No.:
Project Name: TT-2 TANK REMOVAL
Project Number:

Section C Invoice Information:

Attention: Julie Smith
Company Name: MEC Corp
Address: Jacksonville, NC
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 34331

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Bisulfate	Analysis Test Y/N	8260	8270	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	TT2929-1	SL	G			10/23/09	0810		5	2						1	2		X	X		9255987001
2	TT 2929-2	SL	G			10/23/09	0815		5	2						1	2		X	X		002
3	TT 2929-3	SL	G			10/23/09	0830		5	2						1	2		X	X		003
4	TT 2929-4	SL	G			10/23/09	0845		5	2						1	2		X	X		004
5	TT 2929-B	SL	G			10/23/09	0900		2	2									X	X		005
6																						
7																						
8																						
9																						
10																						
11																						
12																						

9255987

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Wade Lewis MEC	10/23/09	11:20	[signature] Pace	10/24/09	0930	3.8	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: WADE LEWIS

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/23/09

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

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: MEL Corp Project # 9255987

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other ~~Retrieve~~ Gun

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

Optional: Proj. Due Date: N/A Proj. Name: N/A

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 3.8 Biological Tissue is Frozen: Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KB 10/24/09

		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: SL		
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:

Person Contacted: _____ Date/Time: _____ Field Data Required? Y / N / N/A

Comments/ Resolution: Sample TT 2929-B was received in 4oz S.I Jar for 8260. Transfered to 8260/5035 Terracore kit w.in 48hrs of sampling KB 10/24/09

Project Manager Review: KBH Date: 10/27/09

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

SGS

Ben Ashba
Richard Catlin & Associates
P.O. Box 10279
Wilmington, NC 28404-0279

Report Number: G128-2480

Client Project: TT Sites

Dear Ben Ashba,

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

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

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager 12.23.09
Project Manager Date
Barbara Hager

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

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

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

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

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

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

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

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.021808.4

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Richard Catlin & Associates

Project Name: TT Sites

Sample Information	
Sample Identification	TT2929-TW01 7
Sample Matrix	Soil
Collection Option (for Soil)*	2
Date Collected	12/08/09 14:00
Date Received	12/16/09
Date Extracted	12/16/09
Date Analyzed	12/17/09 18:38 - 12/17/09 18:38
Dry Weight	85.8
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result mg/Kg	Report Limit mg/Kg	Flags
C_5-C_8 Aliphatics**	BQL	10.0	
C_9-C_{12} Aliphatics**	BQL	10.0	
C_9-C_{10} Aromatics**	BQL	10.0	

	Percent Recovery	Flags	Limits Lower	Limits Upper
Surrogate % Recovery - PID	89.0		70	130
Surrogate % Recovery - FID	94.5		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g128-2480-1b	Lab Info: g128-2480-1b
FID Info: VP121709/016F0101.D	PID Info: VP121709/016R0101.D

Reviewed By: CAH

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 12/04/09 PID Initial Calibration Date: 12/04/09

Calibration Ranges and Limits

Range	MDL (µg/L)	MDL (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	2.02	0.175	6.42	0.557	100	10
C_9-C_{12} Aliphatics	1.51	0.118	4.80	0.375	100	10
C_9-C_{10} Aromatics	0.902	0.132	2.87	0.420	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_5-C_8 Aliphatics	10	0.8	15.00	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{12} Aliphatics	10	0.8	0.99	Linear Regression
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{10} Aromatics	10	0.8	22.39	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		

Calibration Check Date: 12/17/09 Filename: VP121709/002F0101.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C_5-C_8 Aliphatics	200	16	6.0	±25%
C_9-C_{12} Aliphatics	200	16	-5.9	±25%
C_9-C_{10} Aromatics	200	16	15.0	±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 12/04/09 PID Initial Calibration Date: 12/04/09

Calibration Ranges and Limits

Range	MDL (µg/L)	MDL (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	2.02	0.175	6.42	0.557	100	10
C_9-C_{12} Aliphatics	1.51	0.118	4.80	0.375	100	10
C_9-C_{10} Aromatics	0.902	0.132	2.87	0.420	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_5-C_8 Aliphatics	10	0.8	15.00	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{12} Aliphatics	10	0.8	0.99	Linear Regression
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{10} Aromatics	10	0.8	22.39	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		

Calibration Check Date: 12/17/09 Filename: VP121709/019F0101.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C_5-C_8 Aliphatics	200	16	-9.5	±25%
C_9-C_{12} Aliphatics	200	16	-21.3	±25%
C_9-C_{10} Aromatics	200	16	1.9	±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Richard Catlin & Associates

Project Name: TT Sites

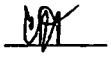
Sample Information	
Sample Identification	TT2929-TW01 7
Sample Matrix	Soil
Date Collected	12/08/09 14:00
Date Received	12/16/09
Date Extracted	12/17/09
Date Analyzed	12/19/09 03:36 - 12/19/09 04:04
Dry Weight	85.8
Dilution Factor	1 - 1
Initial weight (g)	12.01
Final Volume (mL)	10.0

Analytical Results			
Analytes**	Result mg/Kg	Report Limit mg/Kg	Flags
C9-C18 Aliphatics	BQL	10.0	
C19-C36 Aliphatics	BQL	10.0	
C11-C22 Aromatics	BQL	10.0	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (tricosane)	97.9		40	140
Aromatic (ortho-terphenyl)	96.9		40	140
Fractionation 1 (2-bromonaphthalene)	98.4		40	140
Fractionation 2 (2-fluorobiphenyl)	101		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G128-2480-1C	Lab Info: G128-2480-1C
Aliphatic: EP121809/023F2101.D	Aromatic: EP121809/024F2201.D

Reviewed By: 

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 10/06/09

Calibration Ranges and Limits

Range	MDL (02/15/08) (µg/L)	MDL (02/11/08) (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C9-C18 Aliphatics	1.66	0.274	5.28	0.871	100	10
C19-C36 Aliphatics	2.79	0.201	8.87	0.639	100	10
C11-C22 Aromatics	2.64	0.110	8.40	0.350	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_9-C_{18} Aliphatics	200	33.3	12.22	Calibration Factor
	100	16.7		
	50	8.33		
	25	4.17		
	5	0.833		
C_{19}-C_{36} Aliphatics	200	33.3	8.95	Calibration Factor
	100	16.7		
	50	8.33		
	25	4.17		
	5	0.833		
C_{11}-C_{22} Aromatics	200	33.3	3.21	Calibration Factor
	100	16.7		
	50	8.33		
	25	4.17		
	5	0.833		

Calibration Check Date: 12/18/09, 12/19/09

Filenames: ep121809/017f1501.d, ep121809/018f1601.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C9-C18 Aliphatics	100	16.7	14.6	≤±25%
C19-C36 Aliphatics	100	16.7	13.2	≤±25%
C11-C22 Aromatics	100	16.7	19.5	≤±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 10/06/09

Calibration Ranges and Limits

Range	MDL (02/15/08) (µg/L)	MDL (02/11/08) (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C9-C18 Aliphatics	1.66	0.274	5.28	0.871	100	10
C19-C36 Aliphatics	2.79	0.201	8.87	0.639	100	10
C11-C22 Aromatics	2.64	0.110	8.40	0.350	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_9-C_{18} Aliphatics	200	33.3	12.22	Calibration Factor
	100	16.7		
	50	8.33		
	25	4.17		
	5	0.833		
C_{19}-C_{36} Aliphatics	200	33.3	8.95	Calibration Factor
	100	16.7		
	50	8.33		
	25	4.17		
	5	0.833		
C_{11}-C_{22} Aromatics	200	33.3	3.21	Calibration Factor
	100	16.7		
	50	8.33		
	25	4.17		
	5	0.833		

Calibration Check Date: 12/18/09, 12/19/09

Filenames: ep121809/029f2702.d, ep121809/030f2801.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C9-C18 Aliphatics	100	16.7	18.2	≤±25%
C19-C36 Aliphatics	100	16.7	18.1	≤±25%
C11-C22 Aromatics	100	16.7	18.6	≤±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

CHAIN OF CUSTODY RECORD
SGS North America Inc.

Locations Nationwide
- Alaska
- Maryland
- New Jersey
- New York
- North Carolina
- Ohio

www.us.sgs.com

097919

(1)
CLIENT: CATLIN ENG. & SCI
CONTACT: BEN ASHBA PHONE NO:(910) 452-5861
PROJECT: TT SITES SITE/PWSID# :
REPORTS TO: BEN ASHBA FAX NO.:( )
INVOICE TO: SHEICA SMITH QUOTE #: NEW DOD
P.O. NUMBER: 291215-03

SGS Reference: G128-2460

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	(3) MADEP EPH	MADEP VPH	REMARKS
	TT2929-TW01 7'	12-8-09	1400	Soil	2		✓	✓	9 SUMM EDD FORMAT; PLS. RPT. LOG RUNS

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	12-16-09	0910	[signature]
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature°C: 5.8
Special Deliverable Requirements:
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Special Instructions:
Requested Turnaround Time: ☒ RUSH 5 DAY 12/23 (Date Needed) ☐ STD

☐ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

SGS North America, Inc.

N.C. Certification #481

WELL CONSTRUCTION AND WELL ABANDONMENT RECORDS

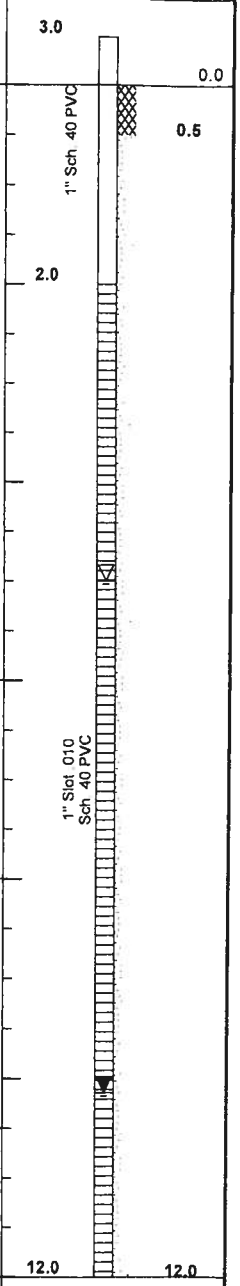
WELL LOG

CATLIN Engineers and Scientists
209-025 Wilmington, NC
SHEET 1 OF 1

PROJECT NO.: 209-025	STATE: NC	COUNTY: Onslow	LOCATION: Jacksonville
PROJECT NAME: TT Sites Groundwater Assessment	LOGGED BY: Steve Tyler		WELL ID: TT2929 -TW01
	DRILLER: William J. Miller		
NORTHING:	EASTING:	CREW:	
SYSTEM:	BORING LOCATION: TT2929		T.O.C. ELEV.:
DRILL MACHINE: Power Probe	METHOD: Direct Push	0 HOUR DTW: 8.0	TOTAL DEPTH: 12.0
START DATE: 12/8/09	FINISH DATE: 12/8/09	24 HOUR DTW: 13.1	WELL DEPTH: 12.0

DEPTH	BLOW COUNT 6in 6in 6in 6in	OVA (ppm)	LAB.	MOIS	LOG	DEPTH	SOIL AND ROCK DESCRIPTION
						0.0	LAND SURFACE
0.0				M			
2.0				M			(SC/CL) - Dark gray fine SANDY CLAY to CLAYEY SAND. Low plasticity. Moist. At 4.5', color turns tan/light gray. High plasticity.
4.0				M			
6.0				M		6.0	(SM) - Tan/light gray SILTY SAND to SANDY SILT. Moist.
8.0				Sat.		8.0	(SC/CL) - Light gray SANDY CLAY to CLAYEY SAND. High plasticity. Saturated.
10.0				Sat.		10.5	(SW) - Tan/light gray fine SAND w/ few fines. Saturated.
						12.0	Boring Terminated at Depth 12.0 ft

WELL DETAIL



Bentonite Pellets #2 Medium Sand

CATLIN BORING LOG 209-025 TARAWA TERRACE SITES.GPJ CATLIN.GDT 12/17/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources - Division of Water Quality

WELL CONTRACTOR CERTIFICATION #: 2927

1. WELL CONTRACTOR:

William J. Miller
Well Contractor (Individual) Name

CATLIN Engineers and Scientists
Well Contractor Company Name

STREET ADDRESS 220 Old Dairy Road

Wilmington | North Carolina | 28405
City or Town | State | Zip Code

(910) - 452-5861
Area code - Phone number

2. WELL INFORMATION

SITE WELL ID #(if applicable): TT2929 -TW01
STATE WELL PERMIT #(if applicable): N/A
DWQ or OTHER PERMIT # (if applicable): N/A
WELL USE (Check Applicable Box): Monitoring ☒ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use): _____
DATE DRILLED: 12/08/2009
TIME COMPLETED: 16:30 **AM** ☐ **PM** ☒

3. WELL LOCATION:

CITY: Jacksonville COUNTY: Onslow
Tarawa Terrace Housing Area,
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING
Slope ☐ Valley ☐ Flat ☒ Ridge ☐ Other: _____

LATITUDE: 34.736155
LONGITUDE: 77.378163
(May be in degrees, minutes, seconds, or in a decimal format)

Latitude/longitude source: ☒ GPS ☐ Topo. map
(Location of well must be shown on a USGS topo map and attached to this form if not using a GPS.)

4. FACILITY - is the name of the business where the well is located.

FACILITY ID #(if applicable) N/A
NAME OF FACILITY: N/A
STREET ADDRESS: Tarawa Terrace Housing Area

Jacksonville | NC |
City or Town | State | Zip Code

CONTACT PERSON: Mr. Nick Schultz
STREET ADDRESS: Attn: I&E/ EMD/ EQB/ PSC Box 20004
Camp Lejeune | NC | 28542-0004
City or Town | State | Zip Code
(910)- 451-5068
Area code - Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 12
b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒
c. WATER LEVEL Below Top of Casing: 13.14 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 3 FT. Above Land Surface*
* Top of casing terminated at/or below land surface requires a variance in accordance with 15A NCAC 2C.0118

e. YIELD (gpm): N/A **METHOD OF TEST:** N/A
f. DISINFECTION: Type N/A **Amount:** N/A
g. WATER ZONES (depth):
From ____ To ____ From ____ To ____
From ____ To ____ From ____ To ____
From ____ To ____ From ____ To ____

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 2	ft.	1"	Sch. 40	PVC
From ____	To ____	ft.	"		
From ____	To ____	ft.	"		

7. GROUT:

	Depth		Material	Method
From ____	To ____	Ft.		
From 0	To 0.5	Ft.		
From ____	To ____	Ft.		

8. SCREEN:

	Depth		Diameter	Slot Size	Material
From 2	To 12	Ft.	1 in.	Slot .010 in.	PVC
From ____	To ____	Ft.	____ in.	____ in.	
From ____	To ____	Ft.	____ in.	____ in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 0.5	To 12	Ft.	#2 Medium	Torpedo Sand
From ____	To ____	Ft.		
From ____	To ____	Ft.		

10. DRILLING LOG

From	To	Formation Description
		SEE ATTACHED

11. REMARKS:

TEMPORARY
TYPE II

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE: 12-22-09

William J. Miller
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days, Attn: Information Management, 1617 Mail Service Center - Raleigh, NC 27699167, Phone No. (919) 733-7015 ext 568.

Modified from Form GW-1b Rev. 7/05

WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources - Division of Water Quality

WELL CONTRACTOR CERTIFICATION #: 2799

CATLIN PROJECT NO 209-025

1. WELL CONTRACTOR:

John E. Wood, III
Well Contractor (Individual) Name

CATLIN Engineers and Scientists
Well Contractor Company Name

STREET ADDRESS 220 Old Dairy Road

Wilmington | North Carolina | 28405
City or Town | State | Zip Code

(910) - 452-5861
Area code - Phone number

2. WELL INFORMATION

SITE WELL ID # (if applicable): TT2929 -TW01
STATE WELL PERMIT # (if applicable): N.A.
COUNTY WELL PERMIT # (if applicable): N.A.
DWQ or OTHER PERMIT # (if applicable):
WELL USE (Check Applicable Box): Monitoring ☒ Residential ☐
Municipal/Public ☐ Industrial/Commercial ☐ Agricultural ☐
Recovery ☐ Injection ☐ Irrigation ☐
Other (list use):

3. WELL LOCATION:

COUNTY: Onslow QUADRANGLE:
NEAREST TOWN: Jacksonville
Tarawa Terrace Housing Area,
(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code

TOPOGRAPHIC / LAND SETTING
Slope ☐ Valley ☐ Flat ☒ Ridge ☐ Other:

LATITUDE: 34.736155
LONGITUDE: 77.378163
May be in degrees, minutes, seconds, or in a decimal

Latitude/longitude source: ☒ GPS ☐ Topo. map
(Location of well must be shown on a USGS topo map and attached to this form if not using a GPS.)

4a. FACILITY - The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a, complete 4b, well owner information only)

FACILITY ID #(if applicable) Not Applicable
NAME OF FACILITY:
STREET ADDRESS: Tarawa Terrace Housing Area
Jacksonville | North Carolina
City or Town | State | Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME: Mr. Nick Schultz
STREET ADDRESS: Attn: I&E/ EMD/ EQB/ PSC Box 20004

Camp Lejeune | NC | 28542-0004
City or Town | State | Zip Code

(910) 451-5068
Area code - Phone number

5. WELL DETAILS:

a. Total Depth: 12 ft. Diameter: 1 in.
b. Water Level (Below Measuring Point): 13.14 ft.
Measuring point is 3.0 ft. above land surface

6. CASING:

	Length		Diameter	
a. Casing Depth (if known):	2	ft.	1	in.
b. Casing Removed:	2	ft.	1	in.

7. DISINFECTION: N/A
(Amount of 70% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement
Cement _____ lb.
Water _____ gal.

Sand Cement
Cement _____ lb.
Water _____ gal.

Bentonite
Bentonite 2 lb.
Type: Slurry __ Pellets __
Water _____ gal.

Other
Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

SCREEN AND CASING PULLED AND BOREHOLE BACKFILLED WITH GRANULAR BENTONITE TO 0.5ft BLS WHILE BEING HYDRATED

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 12/14/2009

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

John Wood 12-18-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR **DATE**

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL **DATE**
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113)

John E. Wood, III
PRINTED NAME OF PERSON ABANDONING THE WELL

Submit a copy to the owner and the original to the Division of Water Quality within 30 days.
Attn: Information Management,1617 Mail Service Center - Raleigh, NC 27699167, Phone No. (919) 733-7015 ext 568.

Modified from Form GW-30 Rev. 5/06