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January 6, 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-2610 UST Closure Report Addendum (FINAL)*
Tarawa Terrace
Marine Corps Base
Camp Lejeune, North Carolina
Navy Contract No. N62470-05-D-6200
Delivery Order No. 0074
CATLIN Project No. 209-034/209-112

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 28, 2009) *TT-2610 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 7, 2009, a UST and petroleum impacted soils were removed from the TT-2610 site. As documented in the above referenced *UST Closure Report*, laboratory analysis detected Total Petroleum Hydrocarbon (TPH) concentrations greater than the 10 milligrams per kilogram (mg/kg) Action Level and Risk Based contaminants of concern above the corresponding Soil-to-Groundwater (STGW) and Residential Maximum Soil Contaminant Concentrations (MSCCs) in the UST closure and soil excavation sidewall soil samples. The petroleum impacted soils revealed beneath the tank in the TT-2610-B soil sample (collected at 6.5 feet deep) 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.

It was recommended that following the demolition of building TT-2610, the remaining petroleum impacted soils be delineated, excavated, and properly disposed. Following the subsequent excavation and soil disposal, additional sidewall confirmation soil samples were recommended for laboratory analysis per Risk Based methods [Environmental Protection Agency (EPA) Methods 8260 and 8270 Massachusetts Department of Environmental Protection (MADEP) extractable and volatile petroleum hydrocarbons (EPH and VPH)]. Additionally, after the soil removal, installation of a permanent groundwater monitoring well and collection of a groundwater sample for laboratory analysis per Risk Based methods was recommended at the former TT-2610 UST basin.

OVER-EXCAVATION SUMMARY

During additional UST and soil removal activities at other, nearby sites, it was determined the water encountered during the TT-2610 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 limit the necessary assessment and remediation activities and confirm or deny the presence of residual soil contamination beyond the previous excavation limits, it was subsequently recommended to over-excavate contaminated soils revealed during the UST closure activities and collect a soil sample from native material beneath the formerly backfilled UST excavation. If saturated soils or the suspected water table were encountered during over excavation activities, then installation of a monitoring well and groundwater sample collection for laboratory analysis would be required.

Building TT-2610 has been demolished and the recommended soil removal and sampling has been completed and described herein. TMS Envirocon, Inc. (TMS) personnel and equipment mobilized to the site and completed over-excavation activities on December 3, 2009. The approximate, previous excavation limits were identified and the clean backfill (placed following UST removal) was excavated and stockpiled adjacent to the former tank basin area.

Additional soil excavation limits (as provided by TMS) are illustrated on Figure 1. TMS indicated overall excavation limits measured 14 feet by 12 feet by 7.5 feet deep. Based on the subsequent investigation detailed below, it was determined that native soils were encountered seven (7) to 7.5 feet below land surface (BLS) during these recent over-excavation activities, and that the UST closure excavation did not intersect the groundwater table.

From the excavation limits described by TMS during the UST closure and the recent over-excavation soil removal, approximately 34 cubic yards of soil were removed during this phase. The excavated soils were properly stockpiled (temporarily) and are awaiting transportation to the P&F Land Farming Facility, Permit# SR0500106, in

Whitakers, NC for proper disposal. The excavation was backfilled with clean fill material to initial land surface level.

Field Screening

According to TMS personnel, a photo-ionization detector (PID) was utilized to screen soils for potential petroleum contamination. Obvious indicators of petroleum impacted soils including staining and petroleum odor were also noted. Periodic grab samples were screened with the PID and excavation activities continued until there were no indications of petroleum impacted soils. Excavation limits are illustrated on Figure 1.

Soil Sampling

One soil sample was collected from each of the excavation sidewalls when no indications of petroleum impact were noted. Excavation confirmation sidewall soil samples were collected from approximately five (5) feet BLS and were identified: TT-2610-1, TT-2610-2, TT-2610-3, and TT-2610-4. Soil sample TT-2610-B-7.5 was obtained from the bottom of the excavation and beneath the former tank location at 7.5 feet BLS.

The soil sample locations are illustrated on Figure 1. The exact sample times and date (December 3, 2009) are indicated on the chain-of-custody following the attached laboratory report.

It is reported that all soil samples were collected from the excavator bucket by hand while wearing new, disposable gloves and placed into laboratory provided glassware, properly labeled, and placed on ice in an insulated cooler. The samples were transferred to a Pace Analytical Services, Inc. (Pace, NC Certification #5342) courier following proper chain-of-custody protocol and submitted for TPH Diesel and Gasoline Range Organics (DRO and GRO) analysis per EPA Method 8015, volatile and semi-volatile organics analysis per EPA Methods 8260, 8270, and MADEP EPH and VPH. According to Pace, the semi-volatile organics analysis per EPA Method 8270 was subcontracted to Analytical Services, Inc (ASI).

Laboratory Results

The complete laboratory analytical reports are attached and the summarized results are provided on Tables 1 through 3. Summarized results are also illustrated on Figure 1.

As indicated on the provided attachments, no contaminant concentrations per EPA Methods 8015 (TPH GRO and DRO), 8260 (volatile organics), 8270 (semi-volatile organics) or MADEP EPH and VPH (hydrocarbon fractions) were

detected above the laboratory reporting limits or lowest established MSCCs.

CONCLUSIONS AND RECOMMENDATIONS

The petroleum impacted soils revealed during the TT-2610 tank removal and documented in the previously submitted *UST Closure Report* (dated July 28, 2009) have been removed. The water encountered during UST closure activities (approximately seven to 7.5 feet deep) was apparently not the water table. Approximately 34 cubic yards of soil were removed during the recent, over-excavation/remediation efforts. Reportedly, the final excavation measured 14 feet by 12 feet by 7.5 feet deep and groundwater was not encountered. The five (5) excavation confirmation soil samples (one collected from the excavation floor and one collected from each of the four sidewalls) did not reveal any contaminant concentrations above the laboratory reporting limits or lowest established MSCCs.

Please consider the recent findings as an addendum to the TT-2610 *UST Closure Report* dated July 28, 2009. Based on the findings documented in this report, No Further Action status is recommended for the TT-2610 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_TT2610_USTaddendumLtr.doc

ATTACHMENTS

TABLES

TABLE 1
SUMMARY OF SOIL LABORATORY RESULTS
EPA METHOD 8015

Incident Name and No.: TT-2610 - Pending

Sample ID	Contaminant of Concern →		Gasoline Range Organics	Diesel Range Organics
	Date Collected	Sample Depth (ft. BLS)		
TT-2610-1	12/3/2009	5	<5.6	<6.2
TT-2610-2	12/3/2009	5	<6.3	<6.4
TT-2610-3	12/3/2009	5	<5.9	<6.3
TT-2610-4	12/3/2009	5	<7.3	<6.3
TT-2610-B-7.5	12/3/2009	7.5	<5.1	<5.6
NCDENR Action Level (mg/kg)			10	10

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

ft. BLS = Feet Below Land Surface

NCDENR = North Carolina Department of Environment and Natural Resources

< = Less than reporting limit

TABLE 2
SUMMARY OF SOIL LABORATORY RESULTS
EPA METHODS 8260 AND 8270

Incident Name and No.: TT-2610 - Pending

Sample ID	Contaminant of Concern →		All EPA Method 8260 Parameters	All EPA Method 8270 Parameters
	Date Collected	Sample Depth (ft. BLS)		
TT-2610-1	12/3/2009	5	BRL	BRL
TT-2610-2	12/3/2009	5	BRL	BRL
TT-2610-3	12/3/2009	5	BRL	BRL
TT-2610-4	12/3/2009	5	BRL	BRL
TT-2610-B-7.5	12/3/2009	7.5	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

BRL = Below Reporting Limit

MSCC = Maximum Soil Contaminant Concentration

ug/kg = micrograms per kilogram

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

TABLE 3
SUMMARY OF SOIL LABORATORY RESULTS
MADEP EPH AND VPH

Incident Name and No.: TT-2610 - 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-2610-1	12/3/2009	5	<12.4	<12.4	<12.4	<9.5	<9.5	<9.5	<9.5	<21.9	<12.4	<21.9
TT-2610-2	12/3/2009	5	<12.8	<12.8	<12.8	<9.2	<9.2	<9.2	<9.2	<22.0	<12.8	<22.0
TT-2610-3	12/3/2009	5	<12.6	<12.6	<12.6	<9.4	<9.4	<9.4	<9.4	<22.0	<12.6	<22.0
TT-2610-4	12/3/2009	5	<12.5	<12.5	<12.5	<9.6	<9.6	<9.6	<9.6	<22.1	<12.5	<22.1
TT-2610-B-7.5	12/3/2009	7.5	<11.3	<11.3	<11.3	<9.3	<9.3	<9.3	<9.3	<20.6	<11.3	<20.6
Residential MSCC (mg/kg)									939	9,386	93,860	469
Industrial/Commercial MSCC (mg/kg)									24,528	245,280	#	12,264
Soil to Groundwater MSCC (mg/kg)									72	3,300	##	34

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

ft. BLS = Feet Below Land Surface

< = Less than reporting limit

MSCC = Maximum Soil Contaminant Concentration

= Health-Based Level (>100%)

= Considered Immobile

FIGURE

SUMMARY OF SOIL LABORATORY RESULTS
EPA METHOD 8015

Incident Name and No.: TT-2610 - Pending

Sample ID	Contaminant of Concern →		Gasoline Range Organics	Diesel Range Organics
	Date Collected	Sample Depth (ft. BLS)		
TT-2610-1	12/3/2009	5	<5.6	<6.2
TT-2610-2	12/3/2009	5	<6.3	<6.4
TT-2610-3	12/3/2009	5	<5.9	<6.3
TT-2610-4	12/3/2009	5	<7.3	<6.3
TT-2610-B-7.5	12/3/2009	7.5	<5.1	<5.6
NCDENR Action Level (mg/kg)			10	10

SUMMARY OF SOIL LABORATORY RESULTS
EPA METHODS 8260 AND 8270

Incident Name and No.: TT-2610 - Pending

Sample ID	Contaminant of Concern →		All EPA Method 8260 Parameters	All EPA Method 8270 Parameters
	Date Collected	Sample Depth (ft. BLS)		
TT-2610-1	12/3/2009	5	BRL	BRL
TT-2610-2	12/3/2009	5	BRL	BRL
TT-2610-3	12/3/2009	5	BRL	BRL
TT-2610-4	12/3/2009	5	BRL	BRL
TT-2610-B-7.5	12/3/2009	7.5	BRL	BRL
Residential MSCC (ug/kg)			Varies	Varies
Industrial/Commercial MSCC (ug/kg)			Varies	Varies
Soil to Groundwater MSCC (ug/kg)			Varies	Varies

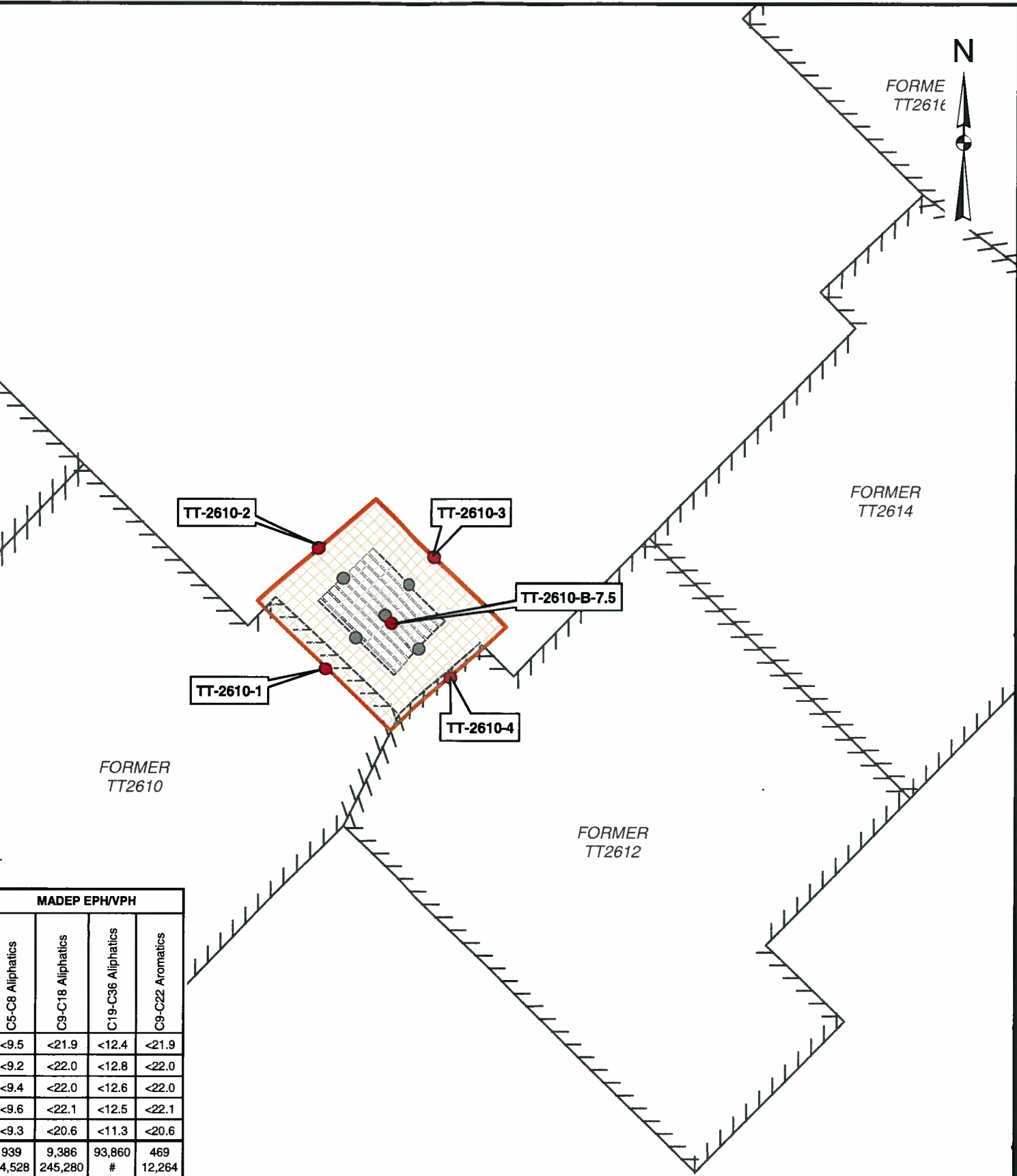
SUMMARY OF SOIL LABORATORY RESULTS
MADEP EPH AND VPH

Incident Name and No.: TT-2610 - 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-2610-1	12/3/2009	5	<12.4	<12.4	<12.4	<9.5	<9.5	<9.5	<9.5	<21.9	<12.4	<21.9
TT-2610-2	12/3/2009	5	<12.8	<12.8	<12.8	<9.2	<9.2	<9.2	<9.2	<22.0	<12.8	<22.0
TT-2610-3	12/3/2009	5	<12.6	<12.6	<12.6	<9.4	<9.4	<9.4	<9.4	<22.0	<12.6	<22.0
TT-2610-4	12/3/2009	5	<12.5	<12.5	<12.5	<9.6	<9.6	<9.6	<9.6	<22.1	<12.5	<22.1
TT-2610-B-7.5	12/3/2009	7.5	<11.3	<11.3	<11.3	<9.3	<9.3	<9.3	<9.3	<20.6	<11.3	<20.6
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

mg/kg = milligrams per kilogram
EPA Method 8260 and 8270 and MSCCs in micrograms per kilogram (ug/kg).
ft. BLS = Feet Below Land Surface
< = Less than reporting limit
BRL = Below Reporting Limit

NCDENR = North Carolina Department of Environment and Natural Resources
MSCC = Maximum Soil Contaminant Concentration
= Health-Based Level (>100%)
= Considered Immobile



UST CLOSURE REPORT ADDENDUM
SITE TT-2610
MARINE CORPS BASE
CAMP LEJEUNE, NC



LEGEND

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

NOTES

- Data layers provided by MCB Camp Lejeune GIS office.
- Excavation dimensions were approximately 14 feet by 12 feet by 7.5 feet deep.
- Excavation boundary and soil sample locations based on site sketch provided by TMS personnel.



SITE MAP WITH SOIL
LABORATORY RESULTS

FIGURE

1

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



**LABORATORY ANALYTICAL RESULTS AND
CHAIN-OF-CUSTODY DOCUMENTATION**



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

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

December 17, 2009

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

RE: Project: TT-2 Tank Yank
Pace Project No.: 9258915

Dear Rob Finley:

Enclosed are the analytical results for sample(s) received by the laboratory on December 05, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

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

Sincerely,

Ashley Nifong

ashley.nifong@pacelabs.com
Project Manager

Enclosures

cc: Mike Rohrer, MEC Corp.

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9258915001	TT-2007-1	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915002	TT-2007-2	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915003	TT-2007-3	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915004	TT-2007-4	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915005	TT-2007-B-8	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915006	TT-2610-1	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-1 Lab ID: 9258915001 Collected: 12/03/09 09:10 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.8	1	12/07/09 12:01	12/09/09 10:56	68334-30-5	
n-Pentacosane (S)	72 %		50-135	1	12/07/09 12:01	12/09/09 10:56	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:09		
Aliphatic (C19-C36)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:09		
Aromatic (C11-C22)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:09		
Nonatriacontane (S)	84 %		40-140	1	12/07/09 15:55	12/14/09 00:09	7194-86-7	
o-Terphenyl (S)	88 %		40-140	1	12/07/09 15:55	12/14/09 00:09	84-15-1	
2-Fluorobiphenyl (S)	99 %		40-140	1	12/07/09 15:55	12/14/09 00:09	321-60-8	
2-Bromonaphthalene (S)	100 %		40-140	1	12/07/09 15:55	12/14/09 00:09	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		6.3	1	12/10/09 04:41	12/11/09 00:53	8006-61-9	
4-Bromofluorobenzene (S)	118 %		50-135	1	12/10/09 04:41	12/11/09 00:53	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.7	1	12/10/09 04:44	12/10/09 20:22		
Aliphatic (C09-C12)	ND mg/kg		9.7	1	12/10/09 04:44	12/10/09 20:22		
Aromatic (C09-C10)	ND mg/kg		9.7	1	12/10/09 04:44	12/10/09 20:22		
2,5-Dibromotoluene (PID)(S)	97 %		70-130	1	12/10/09 04:44	12/10/09 20:22		
2,5-Dibromotoluene (FID)(S)	85 %		70-130	1	12/10/09 04:44	12/10/09 20:22		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	83-32-9	
Acenaphthylene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	208-96-8	
Anthracene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	101-55-3	
Butylbenzylphthalate	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		663	1	12/09/09 18:25	12/14/09 22:43	59-50-7	
4-Chloroaniline	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	108-60-1	
2-Chloronaphthalene	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	91-58-7	
2-Chlorophenol	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	7005-72-3	
Chrysene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	53-70-3	
Dibenzofuran	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	132-64-9	

Date: 12/17/2009 07:26 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-1 Lab ID: 9258915001 Collected: 12/03/09 09:10 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	72 %		18-110	1	12/09/09 18:25	12/14/09 22:43	321-60-8	
Terphenyl-d14 (S)	93 %		10-123	1	12/09/09 18:25	12/14/09 22:43	1718-51-0	
Phenol-d6 (S)	51 %		10-110	1	12/09/09 18:25	12/14/09 22:43	13127-88-3	
2-Fluorophenol (S)	53 %		18-110	1	12/09/09 18:25	12/14/09 22:43	367-12-4	
2,4,6-Tribromophenol (S)	92 %		10-110	1	12/09/09 18:25	12/14/09 22:43	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		96.5	1		12/07/09 14:56	67-64-1	
Benzene	ND ug/kg		4.8	1		12/07/09 14:56	71-43-2	
Bromobenzene	ND ug/kg		4.8	1		12/07/09 14:56	108-86-1	
Bromochloromethane	ND ug/kg		4.8	1		12/07/09 14:56	74-97-5	
Bromodichloromethane	ND ug/kg		4.8	1		12/07/09 14:56	75-27-4	
Bromoform	ND ug/kg		4.8	1		12/07/09 14:56	75-25-2	
Bromomethane	ND ug/kg		9.7	1		12/07/09 14:56	74-83-9	
2-Butanone (MEK)	ND ug/kg		96.5	1		12/07/09 14:56	78-93-3	
n-Butylbenzene	ND ug/kg		4.8	1		12/07/09 14:56	104-51-8	
sec-Butylbenzene	ND ug/kg		4.8	1		12/07/09 14:56	135-98-8	
tert-Butylbenzene	ND ug/kg		4.8	1		12/07/09 14:56	98-06-6	
Carbon tetrachloride	ND ug/kg		4.8	1		12/07/09 14:56	56-23-5	
Chlorobenzene	ND ug/kg		4.8	1		12/07/09 14:56	108-90-7	
Chloroethane	ND ug/kg		9.7	1		12/07/09 14:56	75-00-3	
Chloroform	ND ug/kg		4.8	1		12/07/09 14:56	67-66-3	
Chloromethane	ND ug/kg		9.7	1		12/07/09 14:56	74-87-3	
2-Chlorotoluene	ND ug/kg		4.8	1		12/07/09 14:56	95-49-8	
4-Chlorotoluene	ND ug/kg		4.8	1		12/07/09 14:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.8	1		12/07/09 14:56	96-12-8	
Dibromochloromethane	ND ug/kg		4.8	1		12/07/09 14:56	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.8	1		12/07/09 14:56	106-93-4	
Dibromomethane	ND ug/kg		4.8	1		12/07/09 14:56	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.8	1		12/07/09 14:56	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.8	1		12/07/09 14:56	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.8	1		12/07/09 14:56	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.7	1		12/07/09 14:56	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.8	1		12/07/09 14:56	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.8	1		12/07/09 14:56	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.8	1		12/07/09 14:56	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.8	1		12/07/09 14:56	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.8	1		12/07/09 14:56	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.8	1		12/07/09 14:56	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.8	1		12/07/09 14:56	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.8	1		12/07/09 14:56	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.8	1		12/07/09 14:56	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.8	1		12/07/09 14:56	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.8	1		12/07/09 14:56	10061-02-6	
Diisopropyl ether	ND ug/kg		4.8	1		12/07/09 14:56	108-20-3	
Ethylbenzene	ND ug/kg		4.8	1		12/07/09 14:56	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-2 **Lab ID:** 9258915002 **Collected:** 12/03/09 08:50 **Received:** 12/05/09 09:15 **Matrix:** Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND	mg/kg	5.8	1	12/07/09 12:01	12/09/09 10:56	68334-30-5	
n-Pentacosane (S)	73	%	50-135	1	12/07/09 12:01	12/09/09 10:56	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	mg/kg	11.6	1	12/07/09 15:55	12/14/09 00:42		
Aliphatic (C19-C36)	ND	mg/kg	11.6	1	12/07/09 15:55	12/14/09 00:42		
Aromatic (C11-C22)	ND	mg/kg	11.6	1	12/07/09 15:55	12/14/09 00:42		
Nonatriacontane (S)	83	%	40-140	1	12/07/09 15:55	12/14/09 00:42	7194-86-7	
o-Terphenyl (S)	90	%	40-140	1	12/07/09 15:55	12/14/09 00:42	84-15-1	
2-Fluorobiphenyl (S)	107	%	40-140	1	12/07/09 15:55	12/14/09 00:42	321-60-8	
2-Bromonaphthalene (S)	108	%	40-140	1	12/07/09 15:55	12/14/09 00:42	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	6.7	1	12/10/09 04:41	12/11/09 01:18	8006-61-9	
4-Bromofluorobenzene (S)	131	%	50-135	1	12/10/09 04:41	12/11/09 01:18	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND	mg/kg	8.9	1	12/10/09 04:44	12/10/09 20:47		
Aliphatic (C09-C12)	ND	mg/kg	8.9	1	12/10/09 04:44	12/10/09 20:47		
Aromatic (C09-C10)	ND	mg/kg	8.9	1	12/10/09 04:44	12/10/09 20:47		
2,5-Dibromotoluene (PID)(S)	126	%	70-130	1	12/10/09 04:44	12/10/09 20:47		
2,5-Dibromotoluene (FID)(S)	115	%	70-130	1	12/10/09 04:44	12/10/09 20:47		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	83-32-9	
Acenaphthylene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	208-96-8	
Anthracene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	56-55-3	
Benzo(a)pyrene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	677	1	12/09/09 18:25	12/14/09 23:09	59-50-7	
4-Chloroaniline	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	108-60-1	
2-Chloronaphthalene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	91-58-7	
2-Chlorophenol	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	7005-72-3	
Chrysene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	53-70-3	
Dibenzofuran	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-2 Lab ID: 9258915002 Collected: 12/03/09 08:50 Received: 12/05/09 09:15 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	72 %		18-110	1	12/09/09 18:25	12/14/09 23:09	321-60-8	
Terphenyl-d14 (S)	88 %		10-123	1	12/09/09 18:25	12/14/09 23:09	1718-51-0	
Phenol-d6 (S)	54 %		10-110	1	12/09/09 18:25	12/14/09 23:09	13127-88-3	
2-Fluorophenol (S)	53 %		18-110	1	12/09/09 18:25	12/14/09 23:09	367-12-4	
2,4,6-Tribromophenol (S)	93 %		10-110	1	12/09/09 18:25	12/14/09 23:09	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		81.8	1		12/07/09 15:15	67-64-1	
Benzene	ND ug/kg		4.1	1		12/07/09 15:15	71-43-2	
Bromobenzene	ND ug/kg		4.1	1		12/07/09 15:15	108-86-1	
Bromochloromethane	ND ug/kg		4.1	1		12/07/09 15:15	74-97-5	
Bromodichloromethane	ND ug/kg		4.1	1		12/07/09 15:15	75-27-4	
Bromoform	ND ug/kg		4.1	1		12/07/09 15:15	75-25-2	
Bromomethane	ND ug/kg		8.2	1		12/07/09 15:15	74-83-9	
2-Butanone (MEK)	ND ug/kg		81.8	1		12/07/09 15:15	78-93-3	
n-Butylbenzene	ND ug/kg		4.1	1		12/07/09 15:15	104-51-8	
sec-Butylbenzene	ND ug/kg		4.1	1		12/07/09 15:15	135-98-8	
tert-Butylbenzene	ND ug/kg		4.1	1		12/07/09 15:15	98-06-6	
Carbon tetrachloride	ND ug/kg		4.1	1		12/07/09 15:15	56-23-5	
Chlorobenzene	ND ug/kg		4.1	1		12/07/09 15:15	108-90-7	
Chloroethane	ND ug/kg		8.2	1		12/07/09 15:15	75-00-3	
Chloroform	ND ug/kg		4.1	1		12/07/09 15:15	67-66-3	
Chloromethane	ND ug/kg		8.2	1		12/07/09 15:15	74-87-3	
2-Chlorotoluene	ND ug/kg		4.1	1		12/07/09 15:15	95-49-8	
4-Chlorotoluene	ND ug/kg		4.1	1		12/07/09 15:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.1	1		12/07/09 15:15	96-12-8	
Dibromochloromethane	ND ug/kg		4.1	1		12/07/09 15:15	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.1	1		12/07/09 15:15	106-93-4	
Dibromomethane	ND ug/kg		4.1	1		12/07/09 15:15	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.1	1		12/07/09 15:15	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.1	1		12/07/09 15:15	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.1	1		12/07/09 15:15	106-46-7	
Dichlorodifluoromethane	ND ug/kg		8.2	1		12/07/09 15:15	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.1	1		12/07/09 15:15	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.1	1		12/07/09 15:15	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.1	1		12/07/09 15:15	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.1	1		12/07/09 15:15	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.1	1		12/07/09 15:15	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.1	1		12/07/09 15:15	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.1	1		12/07/09 15:15	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.1	1		12/07/09 15:15	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.1	1		12/07/09 15:15	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.1	1		12/07/09 15:15	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.1	1		12/07/09 15:15	10061-02-6	
Diisopropyl ether	ND ug/kg		4.1	1		12/07/09 15:15	108-20-3	
Ethylbenzene	ND ug/kg		4.1	1		12/07/09 15:15	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-3 Lab ID: 9258915003 Collected: 12/03/09 08:40 Received: 12/05/09 09:15 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND	mg/kg	5.8	1	12/07/09 12:01	12/09/09 11:25	68334-30-5	
n-Pentacosane (S)	58	%	50-135	1	12/07/09 12:01	12/09/09 11:25	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	mg/kg	11.5	1	12/07/09 15:55	12/14/09 01:16		
Aliphatic (C19-C36)	ND	mg/kg	11.5	1	12/07/09 15:55	12/14/09 01:16		
Aromatic (C11-C22)	ND	mg/kg	11.5	1	12/07/09 15:55	12/14/09 01:16		
Nonatriacontane (S)	81	%	40-140	1	12/07/09 15:55	12/14/09 01:16	7194-86-7	
o-Terphenyl (S)	101	%	40-140	1	12/07/09 15:55	12/14/09 01:16	84-15-1	
2-Fluorobiphenyl (S)	114	%	40-140	1	12/07/09 15:55	12/14/09 01:16	321-60-8	
2-Bromonaphthalene (S)	113	%	40-140	1	12/07/09 15:55	12/14/09 01:16	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	6.1	1	12/10/09 04:41	12/11/09 01:42	8006-61-9	
4-Bromofluorobenzene (S)	78	%	50-135	1	12/10/09 04:41	12/11/09 01:42	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND	mg/kg	13.3	1	12/10/09 04:44	12/10/09 21:11		
Aliphatic (C09-C12)	ND	mg/kg	13.3	1	12/10/09 04:44	12/10/09 21:11		
Aromatic (C09-C10)	ND	mg/kg	13.3	1	12/10/09 04:44	12/10/09 21:11		
2,5-Dibromotoluene (PID)(S)	122	%	70-130	1	12/10/09 04:44	12/10/09 21:11		
2,5-Dibromotoluene (FID)(S)	109	%	70-130	1	12/10/09 04:44	12/10/09 21:11		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	83-32-9	
Acenaphthylene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	208-96-8	
Anthracene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	120-12-7	
Benzo(a)anthracene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	56-55-3	
Benzo(a)pyrene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	101-55-3	
Butylbenzylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	666	1	12/09/09 18:25	12/14/09 23:35	59-50-7	
4-Chloroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	108-60-1	
2-Chloronaphthalene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	91-58-7	
2-Chlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	7005-72-3	
Chrysene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	53-70-3	
Dibenzofuran	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-3 **Lab ID:** 9258915003 **Collected:** 12/03/09 08:40 **Received:** 12/05/09 09:15 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	75 %		18-110	1	12/09/09 18:25	12/14/09 23:35	321-60-8	
Terphenyl-d14 (S)	93 %		10-123	1	12/09/09 18:25	12/14/09 23:35	1718-51-0	
Phenol-d6 (S)	59 %		10-110	1	12/09/09 18:25	12/14/09 23:35	13127-88-3	
2-Fluorophenol (S)	62 %		18-110	1	12/09/09 18:25	12/14/09 23:35	367-12-4	
2,4,6-Tribromophenol (S)	91 %		10-110	1	12/09/09 18:25	12/14/09 23:35	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		124	1		12/07/09 15:33	67-64-1	
Benzene	ND ug/kg		6.2	1		12/07/09 15:33	71-43-2	
Bromobenzene	ND ug/kg		6.2	1		12/07/09 15:33	108-86-1	
Bromochloromethane	ND ug/kg		6.2	1		12/07/09 15:33	74-97-5	
Bromodichloromethane	ND ug/kg		6.2	1		12/07/09 15:33	75-27-4	
Bromoform	ND ug/kg		6.2	1		12/07/09 15:33	75-25-2	
Bromomethane	ND ug/kg		12.4	1		12/07/09 15:33	74-83-9	
2-Butanone (MEK)	ND ug/kg		124	1		12/07/09 15:33	78-93-3	
n-Butylbenzene	ND ug/kg		6.2	1		12/07/09 15:33	104-51-8	
sec-Butylbenzene	ND ug/kg		6.2	1		12/07/09 15:33	135-98-8	
tert-Butylbenzene	ND ug/kg		6.2	1		12/07/09 15:33	98-06-6	
Carbon tetrachloride	ND ug/kg		6.2	1		12/07/09 15:33	56-23-5	
Chlorobenzene	ND ug/kg		6.2	1		12/07/09 15:33	108-90-7	
Chloroethane	ND ug/kg		12.4	1		12/07/09 15:33	75-00-3	
Chloroform	ND ug/kg		6.2	1		12/07/09 15:33	67-66-3	
Chloromethane	ND ug/kg		12.4	1		12/07/09 15:33	74-87-3	
2-Chlorotoluene	ND ug/kg		6.2	1		12/07/09 15:33	95-49-8	
4-Chlorotoluene	ND ug/kg		6.2	1		12/07/09 15:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		6.2	1		12/07/09 15:33	96-12-8	
Dibromochloromethane	ND ug/kg		6.2	1		12/07/09 15:33	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		6.2	1		12/07/09 15:33	106-93-4	
Dibromomethane	ND ug/kg		6.2	1		12/07/09 15:33	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		6.2	1		12/07/09 15:33	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		6.2	1		12/07/09 15:33	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		6.2	1		12/07/09 15:33	106-46-7	
Dichlorodifluoromethane	ND ug/kg		12.4	1		12/07/09 15:33	75-71-8	
1,1-Dichloroethane	ND ug/kg		6.2	1		12/07/09 15:33	75-34-3	
1,2-Dichloroethane	ND ug/kg		6.2	1		12/07/09 15:33	107-06-2	
1,1-Dichloroethene	ND ug/kg		6.2	1		12/07/09 15:33	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		6.2	1		12/07/09 15:33	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		6.2	1		12/07/09 15:33	156-60-5	
1,2-Dichloropropane	ND ug/kg		6.2	1		12/07/09 15:33	78-87-5	
1,3-Dichloropropane	ND ug/kg		6.2	1		12/07/09 15:33	142-28-9	
2,2-Dichloropropane	ND ug/kg		6.2	1		12/07/09 15:33	594-20-7	
1,1-Dichloropropene	ND ug/kg		6.2	1		12/07/09 15:33	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		6.2	1		12/07/09 15:33	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		6.2	1		12/07/09 15:33	10061-02-6	
Diisopropyl ether	ND ug/kg		6.2	1		12/07/09 15:33	108-20-3	
Ethylbenzene	ND ug/kg		6.2	1		12/07/09 15:33	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-4 Lab ID: 9258915004 Collected: 12/03/09 08:55 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.9	1	12/07/09 12:01	12/09/09 11:25	68334-30-5	
n-Pentacosane (S)	82 %		50-135	1	12/07/09 12:01	12/09/09 11:25	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.7	1	12/07/09 15:55	12/14/09 01:49		
Aliphatic (C19-C36)	ND mg/kg		11.7	1	12/07/09 15:55	12/14/09 01:49		
Aromatic (C11-C22)	ND mg/kg		11.7	1	12/07/09 15:55	12/14/09 01:49		
Nonatriacontane (S)	66 %		40-140	1	12/07/09 15:55	12/14/09 01:49	7194-86-7	
o-Terphenyl (S)	92 %		40-140	1	12/07/09 15:55	12/14/09 01:49	84-15-1	
2-Fluorobiphenyl (S)	110 %		40-140	1	12/07/09 15:55	12/14/09 01:49	321-60-8	
2-Bromonaphthalene (S)	111 %		40-140	1	12/07/09 15:55	12/14/09 01:49	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.1	1	12/10/09 04:41	12/11/09 02:06	8006-61-9	
4-Bromofluorobenzene (S)	137 %		50-135	1	12/10/09 04:41	12/11/09 02:06	460-00-4	S3
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		8.4	1	12/10/09 04:44	12/10/09 21:36		
Aliphatic (C09-C12)	ND mg/kg		8.4	1	12/10/09 04:44	12/10/09 21:36		
Aromatic (C09-C10)	ND mg/kg		8.4	1	12/10/09 04:44	12/10/09 21:36		
2,5-Dibromotoluene (PID)(S)	110 %		70-130	1	12/10/09 04:44	12/10/09 21:36		
2,5-Dibromotoluene (FID)(S)	95 %		70-130	1	12/10/09 04:44	12/10/09 21:36		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	83-32-9	
Acenaphthylene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	208-96-8	
Anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		668	1	12/09/09 18:25	12/14/09 00:01	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	7005-72-3	
Chrysene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-4 Lab ID: 9258915004 Collected: 12/03/09 08:55 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	81 %		18-110	1	12/09/09 18:25	12/14/09 00:01	321-60-8	
Terphenyl-d14 (S)	94 %		10-123	1	12/09/09 18:25	12/14/09 00:01	1718-51-0	
Phenol-d6 (S)	57 %		10-110	1	12/09/09 18:25	12/14/09 00:01	13127-88-3	
2-Fluorophenol (S)	62 %		18-110	1	12/09/09 18:25	12/14/09 00:01	367-12-4	
2,4,6-Tribromophenol (S)	89 %		10-110	1	12/09/09 18:25	12/14/09 00:01	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		78.7	1		12/07/09 15:51	67-64-1	
Benzene	ND ug/kg		3.9	1		12/07/09 15:51	71-43-2	
Bromobenzene	ND ug/kg		3.9	1		12/07/09 15:51	108-86-1	
Bromochloromethane	ND ug/kg		3.9	1		12/07/09 15:51	74-97-5	
Bromodichloromethane	ND ug/kg		3.9	1		12/07/09 15:51	75-27-4	
Bromoform	ND ug/kg		3.9	1		12/07/09 15:51	75-25-2	
Bromomethane	ND ug/kg		7.9	1		12/07/09 15:51	74-83-9	
2-Butanone (MEK)	ND ug/kg		78.7	1		12/07/09 15:51	78-93-3	
n-Butylbenzene	ND ug/kg		3.9	1		12/07/09 15:51	104-51-8	
sec-Butylbenzene	ND ug/kg		3.9	1		12/07/09 15:51	135-98-8	
tert-Butylbenzene	ND ug/kg		3.9	1		12/07/09 15:51	98-06-6	
Carbon tetrachloride	ND ug/kg		3.9	1		12/07/09 15:51	56-23-5	
Chlorobenzene	ND ug/kg		3.9	1		12/07/09 15:51	108-90-7	
Chloroethane	ND ug/kg		7.9	1		12/07/09 15:51	75-00-3	
Chloroform	ND ug/kg		3.9	1		12/07/09 15:51	67-66-3	
Chloromethane	ND ug/kg		7.9	1		12/07/09 15:51	74-87-3	
2-Chlorotoluene	ND ug/kg		3.9	1		12/07/09 15:51	95-49-8	
4-Chlorotoluene	ND ug/kg		3.9	1		12/07/09 15:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		3.9	1		12/07/09 15:51	96-12-8	
Dibromochloromethane	ND ug/kg		3.9	1		12/07/09 15:51	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		3.9	1		12/07/09 15:51	106-93-4	
Dibromomethane	ND ug/kg		3.9	1		12/07/09 15:51	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		3.9	1		12/07/09 15:51	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		3.9	1		12/07/09 15:51	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		3.9	1		12/07/09 15:51	106-46-7	
Dichlorodifluoromethane	ND ug/kg		7.9	1		12/07/09 15:51	75-71-8	
1,1-Dichloroethane	ND ug/kg		3.9	1		12/07/09 15:51	75-34-3	
1,2-Dichloroethane	ND ug/kg		3.9	1		12/07/09 15:51	107-06-2	
1,1-Dichloroethene	ND ug/kg		3.9	1		12/07/09 15:51	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		3.9	1		12/07/09 15:51	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		3.9	1		12/07/09 15:51	156-60-5	
1,2-Dichloropropane	ND ug/kg		3.9	1		12/07/09 15:51	78-87-5	
1,3-Dichloropropane	ND ug/kg		3.9	1		12/07/09 15:51	142-28-9	
2,2-Dichloropropane	ND ug/kg		3.9	1		12/07/09 15:51	594-20-7	
1,1-Dichloropropene	ND ug/kg		3.9	1		12/07/09 15:51	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		3.9	1		12/07/09 15:51	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		3.9	1		12/07/09 15:51	10061-02-6	
Diisopropyl ether	ND ug/kg		3.9	1		12/07/09 15:51	108-20-3	
Ethylbenzene	ND ug/kg		3.9	1		12/07/09 15:51	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-B-8 **Lab ID:** 9258915005 **Collected:** 12/03/09 09:25 **Received:** 12/05/09 09:15 **Matrix:** Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.7	1	12/07/09 12:01	12/09/09 11:54	68334-30-5	
n-Pentacosane (S)	73 %		50-135	1	12/07/09 12:01	12/09/09 11:54	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 02:23		
Aliphatic (C19-C36)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 02:23		
Aromatic (C11-C22)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 02:23		
Nonatriacontane (S)	72 %		40-140	1	12/07/09 15:55	12/14/09 02:23	7194-86-7	
o-Terphenyl (S)	96 %		40-140	1	12/07/09 15:55	12/14/09 02:23	84-15-1	
2-Fluorobiphenyl (S)	114 %		40-140	1	12/07/09 15:55	12/14/09 02:23	321-60-8	
2-Bromonaphthalene (S)	116 %		40-140	1	12/07/09 15:55	12/14/09 02:23	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.7	1	12/10/09 04:41	12/11/09 02:31	8006-61-9	
4-Bromofluorobenzene (S)	51 %		50-135	1	12/10/09 04:41	12/11/09 02:31	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		13.7	1	12/10/09 04:44	12/10/09 22:00		
Aliphatic (C09-C12)	ND mg/kg		13.7	1	12/10/09 04:44	12/10/09 22:00		
Aromatic (C09-C10)	ND mg/kg		13.7	1	12/10/09 04:44	12/10/09 22:00		
2,5-Dibromotoluene (PID)(S)	118 %		70-130	1	12/10/09 04:44	12/10/09 22:00		
2,5-Dibromotoluene (FID)(S)	103 %		70-130	1	12/10/09 04:44	12/10/09 22:00		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	83-32-9	
Acenaphthylene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	208-96-8	
Anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	120-12-7	
Benzo(a)anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	56-55-3	
Benzo(a)pyrene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	101-55-3	
Butylbenzylphthalate	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		670	1	12/09/09 18:25	12/15/09 00:27	59-50-7	
4-Chloroaniline	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	108-60-1	
2-Chloronaphthalene	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	91-58-7	
2-Chlorophenol	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	7005-72-3	
Chrysene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	53-70-3	
Dibenzofuran	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-B-8 **Lab ID:** 9258915005 **Collected:** 12/03/09 09:25 **Received:** 12/05/09 09:15 **Matrix:** Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	72 %		18-110	1	12/09/09 18:25	12/15/09 00:27	321-60-8	
Terphenyl-d14 (S)	92 %		10-123	1	12/09/09 18:25	12/15/09 00:27	1718-51-0	
Phenol-d6 (S)	57 %		10-110	1	12/09/09 18:25	12/15/09 00:27	13127-88-3	
2-Fluorophenol (S)	59 %		18-110	1	12/09/09 18:25	12/15/09 00:27	367-12-4	
2,4,6-Tribromophenol (S)	86 %		10-110	1	12/09/09 18:25	12/15/09 00:27	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		88.8	1		12/07/09 16:09	67-64-1	
Benzene	ND ug/kg		4.4	1		12/07/09 16:09	71-43-2	
Bromobenzene	ND ug/kg		4.4	1		12/07/09 16:09	108-86-1	
Bromochloromethane	ND ug/kg		4.4	1		12/07/09 16:09	74-97-5	
Bromodichloromethane	ND ug/kg		4.4	1		12/07/09 16:09	75-27-4	
Bromoform	ND ug/kg		4.4	1		12/07/09 16:09	75-25-2	
Bromomethane	ND ug/kg		8.9	1		12/07/09 16:09	74-83-9	
2-Butanone (MEK)	ND ug/kg		88.8	1		12/07/09 16:09	78-93-3	
n-Butylbenzene	ND ug/kg		4.4	1		12/07/09 16:09	104-51-8	
sec-Butylbenzene	ND ug/kg		4.4	1		12/07/09 16:09	135-98-8	
tert-Butylbenzene	ND ug/kg		4.4	1		12/07/09 16:09	98-06-6	
Carbon tetrachloride	ND ug/kg		4.4	1		12/07/09 16:09	56-23-5	
Chlorobenzene	ND ug/kg		4.4	1		12/07/09 16:09	108-90-7	
Chloroethane	ND ug/kg		8.9	1		12/07/09 16:09	75-00-3	
Chloroform	ND ug/kg		4.4	1		12/07/09 16:09	67-66-3	
Chloromethane	ND ug/kg		8.9	1		12/07/09 16:09	74-87-3	
2-Chlorotoluene	ND ug/kg		4.4	1		12/07/09 16:09	95-49-8	
4-Chlorotoluene	ND ug/kg		4.4	1		12/07/09 16:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.4	1		12/07/09 16:09	96-12-8	
Dibromochloromethane	ND ug/kg		4.4	1		12/07/09 16:09	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.4	1		12/07/09 16:09	106-93-4	
Dibromomethane	ND ug/kg		4.4	1		12/07/09 16:09	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.4	1		12/07/09 16:09	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.4	1		12/07/09 16:09	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.4	1		12/07/09 16:09	106-46-7	
Dichlorodifluoromethane	ND ug/kg		8.9	1		12/07/09 16:09	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.4	1		12/07/09 16:09	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.4	1		12/07/09 16:09	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.4	1		12/07/09 16:09	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.4	1		12/07/09 16:09	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.4	1		12/07/09 16:09	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.4	1		12/07/09 16:09	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.4	1		12/07/09 16:09	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.4	1		12/07/09 16:09	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.4	1		12/07/09 16:09	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.4	1		12/07/09 16:09	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.4	1		12/07/09 16:09	10061-02-6	
Diisopropyl ether	ND ug/kg		4.4	1		12/07/09 16:09	108-20-3	
Ethylbenzene	ND ug/kg		4.4	1		12/07/09 16:09	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-1 Lab ID: 9258915006 Collected: 12/03/09 13:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.2	1	12/07/09 12:01	12/09/09 11:54	68334-30-5	
n-Pentacosane (S)	86 %		50-135	1	12/07/09 12:01	12/09/09 11:54	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.4	1	12/07/09 15:55	12/14/09 02:56		
Aliphatic (C19-C36)	ND mg/kg		12.4	1	12/07/09 15:55	12/14/09 02:56		
Aromatic (C11-C22)	ND mg/kg		12.4	1	12/07/09 15:55	12/14/09 02:56		
Nonatriacontane (S)	51 %		40-140	1	12/07/09 15:55	12/14/09 02:56	7194-86-7	
o-Terphenyl (S)	91 %		40-140	1	12/07/09 15:55	12/14/09 02:56	84-15-1	
2-Fluorobiphenyl (S)	112 %		40-140	1	12/07/09 15:55	12/14/09 02:56	321-60-8	
2-Bromonaphthalene (S)	114 %		40-140	1	12/07/09 15:55	12/14/09 02:56	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.6	1	12/10/09 04:41	12/11/09 02:55	8006-61-9	
4-Bromofluorobenzene (S)	124 %		50-135	1	12/10/09 04:41	12/11/09 02:55	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.5	1	12/10/09 04:44	12/10/09 22:24		
Aliphatic (C09-C12)	ND mg/kg		9.5	1	12/10/09 04:44	12/10/09 22:24		
Aromatic (C09-C10)	ND mg/kg		9.5	1	12/10/09 04:44	12/10/09 22:24		
2,5-Dibromotoluene (PID)(S)	141 %		70-130	1	12/10/09 04:44	12/10/09 22:24		S3
2,5-Dibromotoluene (FID)(S)	121 %		70-130	1	12/10/09 04:44	12/10/09 22:24		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/09/09 18:25	12/15/09 00:53	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-1 **Lab ID:** 9258915006 **Collected:** 12/03/09 13:50 **Received:** 12/05/09 09:15 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	68 %		18-110	1	12/09/09 18:25	12/15/09 00:53	321-60-8	
Terphenyl-d14 (S)	86 %		10-123	1	12/09/09 18:25	12/15/09 00:53	1718-51-0	
Phenol-d6 (S)	50 %		10-110	1	12/09/09 18:25	12/15/09 00:53	13127-88-3	
2-Fluorophenol (S)	53 %		18-110	1	12/09/09 18:25	12/15/09 00:53	367-12-4	
2,4,6-Tribromophenol (S)	79 %		10-110	1	12/09/09 18:25	12/15/09 00:53	118-79-6	

8260/5035A Volatile Organics Analytical Method: EPA 8260

Acetone	ND ug/kg	86.0	1		12/07/09 16:28	67-64-1	
Benzene	ND ug/kg	4.3	1		12/07/09 16:28	71-43-2	
Bromobenzene	ND ug/kg	4.3	1		12/07/09 16:28	108-86-1	
Bromochloromethane	ND ug/kg	4.3	1		12/07/09 16:28	74-97-5	
Bromodichloromethane	ND ug/kg	4.3	1		12/07/09 16:28	75-27-4	
Bromoform	ND ug/kg	4.3	1		12/07/09 16:28	75-25-2	
Bromomethane	ND ug/kg	8.6	1		12/07/09 16:28	74-83-9	
2-Butanone (MEK)	ND ug/kg	86.0	1		12/07/09 16:28	78-93-3	
n-Butylbenzene	ND ug/kg	4.3	1		12/07/09 16:28	104-51-8	
sec-Butylbenzene	ND ug/kg	4.3	1		12/07/09 16:28	135-98-8	
tert-Butylbenzene	ND ug/kg	4.3	1		12/07/09 16:28	98-06-6	
Carbon tetrachloride	ND ug/kg	4.3	1		12/07/09 16:28	56-23-5	
Chlorobenzene	ND ug/kg	4.3	1		12/07/09 16:28	108-90-7	
Chloroethane	ND ug/kg	8.6	1		12/07/09 16:28	75-00-3	
Chloroform	ND ug/kg	4.3	1		12/07/09 16:28	67-66-3	
Chloromethane	ND ug/kg	8.6	1		12/07/09 16:28	74-87-3	
2-Chlorotoluene	ND ug/kg	4.3	1		12/07/09 16:28	95-49-8	
4-Chlorotoluene	ND ug/kg	4.3	1		12/07/09 16:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg	4.3	1		12/07/09 16:28	96-12-8	
Dibromochloromethane	ND ug/kg	4.3	1		12/07/09 16:28	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg	4.3	1		12/07/09 16:28	106-93-4	
Dibromomethane	ND ug/kg	4.3	1		12/07/09 16:28	74-95-3	
1,2-Dichlorobenzene	ND ug/kg	4.3	1		12/07/09 16:28	95-50-1	
1,3-Dichlorobenzene	ND ug/kg	4.3	1		12/07/09 16:28	541-73-1	
1,4-Dichlorobenzene	ND ug/kg	4.3	1		12/07/09 16:28	106-46-7	
Dichlorodifluoromethane	ND ug/kg	8.6	1		12/07/09 16:28	75-71-8	
1,1-Dichloroethane	ND ug/kg	4.3	1		12/07/09 16:28	75-34-3	
1,2-Dichloroethane	ND ug/kg	4.3	1		12/07/09 16:28	107-06-2	
1,1-Dichloroethene	ND ug/kg	4.3	1		12/07/09 16:28	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg	4.3	1		12/07/09 16:28	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg	4.3	1		12/07/09 16:28	156-60-5	
1,2-Dichloropropane	ND ug/kg	4.3	1		12/07/09 16:28	78-87-5	
1,3-Dichloropropane	ND ug/kg	4.3	1		12/07/09 16:28	142-28-9	
2,2-Dichloropropane	ND ug/kg	4.3	1		12/07/09 16:28	594-20-7	
1,1-Dichloropropene	ND ug/kg	4.3	1		12/07/09 16:28	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg	4.3	1		12/07/09 16:28	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg	4.3	1		12/07/09 16:28	10061-02-6	
Diisopropyl ether	ND ug/kg	4.3	1		12/07/09 16:28	108-20-3	
Ethylbenzene	ND ug/kg	4.3	1		12/07/09 16:28	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-2 **Lab ID:** 9258915007 **Collected:** 12/03/09 14:20 **Received:** 12/05/09 09:15 **Matrix:** Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.4	1	12/07/09 12:01	12/09/09 12:23	68334-30-5	
n-Pentacosane (S)	61 %		50-135	1	12/07/09 12:01	12/09/09 12:23	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.8	1	12/07/09 15:55	12/14/09 03:30		
Aliphatic (C19-C36)	ND mg/kg		12.8	1	12/07/09 15:55	12/14/09 03:30		
Aromatic (C11-C22)	ND mg/kg		12.8	1	12/07/09 15:55	12/14/09 03:30		
Nonatriacontane (S)	75 %		40-140	1	12/07/09 15:55	12/14/09 03:30	7194-86-7	
o-Terphenyl (S)	73 %		40-140	1	12/07/09 15:55	12/14/09 03:30	84-15-1	
2-Fluorobiphenyl (S)	98 %		40-140	1	12/07/09 15:55	12/14/09 03:30	321-60-8	
2-Bromonaphthalene (S)	105 %		40-140	1	12/07/09 15:55	12/14/09 03:30	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		6.3	1	12/10/09 04:41	12/11/09 03:20	8006-61-9	
4-Bromofluorobenzene (S)	94 %		50-135	1	12/10/09 04:41	12/11/09 03:20	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.2	1	12/10/09 04:44	12/10/09 22:49		
Aliphatic (C09-C12)	ND mg/kg		9.2	1	12/10/09 04:44	12/10/09 22:49		
Aromatic (C09-C10)	ND mg/kg		9.2	1	12/10/09 04:44	12/10/09 22:49		
2,5-Dibromotoluene (PID)(S)	154 %		70-130	1	12/10/09 04:44	12/10/09 22:49		S3
2,5-Dibromotoluene (FID)(S)	136 %		70-130	1	12/10/09 04:44	12/10/09 22:49		S3
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/09/09 18:25	12/15/09 01:19	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-2 Lab ID: 9258915007 Collected: 12/03/09 14:20 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	78 %		18-110	1	12/09/09 18:25	12/15/09 01:19	321-60-8	
Terphenyl-d14 (S)	92 %		10-123	1	12/09/09 18:25	12/15/09 01:19	1718-51-0	
Phenol-d6 (S)	56 %		10-110	1	12/09/09 18:25	12/15/09 01:19	13127-88-3	
2-Fluorophenol (S)	57 %		18-110	1	12/09/09 18:25	12/15/09 01:19	367-12-4	
2,4,6-Tribromophenol (S)	85 %		10-110	1	12/09/09 18:25	12/15/09 01:19	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		100	1		12/07/09 16:46	67-64-1	
Benzene	ND ug/kg		5.0	1		12/07/09 16:46	71-43-2	
Bromobenzene	ND ug/kg		5.0	1		12/07/09 16:46	108-86-1	
Bromochloromethane	ND ug/kg		5.0	1		12/07/09 16:46	74-97-5	
Bromodichloromethane	ND ug/kg		5.0	1		12/07/09 16:46	75-27-4	
Bromoform	ND ug/kg		5.0	1		12/07/09 16:46	75-25-2	
Bromomethane	ND ug/kg		10.0	1		12/07/09 16:46	74-83-9	
2-Butanone (MEK)	ND ug/kg		100	1		12/07/09 16:46	78-93-3	
n-Butylbenzene	ND ug/kg		5.0	1		12/07/09 16:46	104-51-8	
sec-Butylbenzene	ND ug/kg		5.0	1		12/07/09 16:46	135-98-8	
tert-Butylbenzene	ND ug/kg		5.0	1		12/07/09 16:46	98-06-6	
Carbon tetrachloride	ND ug/kg		5.0	1		12/07/09 16:46	56-23-5	
Chlorobenzene	ND ug/kg		5.0	1		12/07/09 16:46	108-90-7	
Chloroethane	ND ug/kg		10.0	1		12/07/09 16:46	75-00-3	
Chloroform	ND ug/kg		5.0	1		12/07/09 16:46	67-66-3	
Chloromethane	ND ug/kg		10.0	1		12/07/09 16:46	74-87-3	
2-Chlorotoluene	ND ug/kg		5.0	1		12/07/09 16:46	95-49-8	
4-Chlorotoluene	ND ug/kg		5.0	1		12/07/09 16:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		5.0	1		12/07/09 16:46	96-12-8	
Dibromochloromethane	ND ug/kg		5.0	1		12/07/09 16:46	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		5.0	1		12/07/09 16:46	106-93-4	
Dibromomethane	ND ug/kg		5.0	1		12/07/09 16:46	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		5.0	1		12/07/09 16:46	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		5.0	1		12/07/09 16:46	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		5.0	1		12/07/09 16:46	106-46-7	
Dichlorodifluoromethane	ND ug/kg		10.0	1		12/07/09 16:46	75-71-8	
1,1-Dichloroethane	ND ug/kg		5.0	1		12/07/09 16:46	75-34-3	
1,2-Dichloroethane	ND ug/kg		5.0	1		12/07/09 16:46	107-06-2	
1,1-Dichloroethene	ND ug/kg		5.0	1		12/07/09 16:46	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		5.0	1		12/07/09 16:46	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		5.0	1		12/07/09 16:46	156-60-5	
1,2-Dichloropropane	ND ug/kg		5.0	1		12/07/09 16:46	78-87-5	
1,3-Dichloropropane	ND ug/kg		5.0	1		12/07/09 16:46	142-28-9	
2,2-Dichloropropane	ND ug/kg		5.0	1		12/07/09 16:46	594-20-7	
1,1-Dichloropropene	ND ug/kg		5.0	1		12/07/09 16:46	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		5.0	1		12/07/09 16:46	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		5.0	1		12/07/09 16:46	10061-02-6	
Diisopropyl ether	ND ug/kg		5.0	1		12/07/09 16:46	108-20-3	
Ethylbenzene	ND ug/kg		5.0	1		12/07/09 16:46	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-3 Lab ID: 9258915008 Collected: 12/03/09 14:35 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.3	1	12/07/09 12:01	12/09/09 12:23	68334-30-5	
n-Pentacosane (S)	79 %		50-135	1	12/07/09 12:01	12/09/09 12:23	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.6	1	12/07/09 15:55	12/14/09 04:03		
Aliphatic (C19-C36)	ND mg/kg		12.6	1	12/07/09 15:55	12/14/09 04:03		
Aromatic (C11-C22)	ND mg/kg		12.6	1	12/07/09 15:55	12/14/09 04:03		
Nonatriacontane (S)	48 %		40-140	1	12/07/09 15:55	12/14/09 04:03	7194-86-7	
o-Terphenyl (S)	67 %		40-140	1	12/07/09 15:55	12/14/09 04:03	84-15-1	
2-Fluorobiphenyl (S)	106 %		40-140	1	12/07/09 15:55	12/14/09 04:03	321-60-8	
2-Bromonaphthalene (S)	108 %		40-140	1	12/07/09 15:55	12/14/09 04:03	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.9	1	12/10/09 04:41	12/11/09 03:44	8006-61-9	
4-Bromofluorobenzene (S)	146 %		50-135	1	12/10/09 04:41	12/11/09 03:44	460-00-4	S3
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.4	1	12/10/09 04:44	12/10/09 23:13		
Aliphatic (C09-C12)	ND mg/kg		9.4	1	12/10/09 04:44	12/10/09 23:13		
Aromatic (C09-C10)	ND mg/kg		9.4	1	12/10/09 04:44	12/10/09 23:13		
2,5-Dibromotoluene (PID)(S)	151 %		70-130	1	12/10/09 04:44	12/10/09 23:13		S3
2,5-Dibromotoluene (FID)(S)	128 %		70-130	1	12/10/09 04:44	12/10/09 23:13		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	83-32-9	
Acenaphthylene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	208-96-8	
Anthracene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	120-12-7	
Benzo(a)anthracene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	56-55-3	
Benzo(a)pyrene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	101-55-3	
Butylbenzylphthalate	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		674	1	12/09/09 18:25	12/15/09 01:45	59-50-7	
4-Chloroaniline	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	108-60-1	
2-Chloronaphthalene	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	91-58-7	
2-Chlorophenol	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	7005-72-3	
Chrysene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	53-70-3	
Dibenzofuran	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-3 **Lab ID:** 9258915008 **Collected:** 12/03/09 14:35 **Received:** 12/05/09 09:15 **Matrix:** Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	76 %		18-110	1	12/09/09 18:25	12/15/09 01:45	321-60-8	
Terphenyl-d14 (S)	93 %		10-123	1	12/09/09 18:25	12/15/09 01:45	1718-51-0	
Phenol-d6 (S)	60 %		10-110	1	12/09/09 18:25	12/15/09 01:45	13127-88-3	
2-Fluorophenol (S)	64 %		18-110	1	12/09/09 18:25	12/15/09 01:45	367-12-4	
2,4,6-Tribromophenol (S)	84 %		10-110	1	12/09/09 18:25	12/15/09 01:45	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		94.1	1		12/07/09 17:04	67-64-1	
Benzene	ND ug/kg		4.7	1		12/07/09 17:04	71-43-2	
Bromobenzene	ND ug/kg		4.7	1		12/07/09 17:04	108-86-1	
Bromochloromethane	ND ug/kg		4.7	1		12/07/09 17:04	74-97-5	
Bromodichloromethane	ND ug/kg		4.7	1		12/07/09 17:04	75-27-4	
Bromoform	ND ug/kg		4.7	1		12/07/09 17:04	75-25-2	
Bromomethane	ND ug/kg		9.4	1		12/07/09 17:04	74-83-9	
2-Butanone (MEK)	ND ug/kg		94.1	1		12/07/09 17:04	78-93-3	
n-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:04	104-51-8	
sec-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:04	135-98-8	
tert-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:04	98-06-6	
Carbon tetrachloride	ND ug/kg		4.7	1		12/07/09 17:04	56-23-5	
Chlorobenzene	ND ug/kg		4.7	1		12/07/09 17:04	108-90-7	
Chloroethane	ND ug/kg		9.4	1		12/07/09 17:04	75-00-3	
Chloroform	ND ug/kg		4.7	1		12/07/09 17:04	67-66-3	
Chloromethane	ND ug/kg		9.4	1		12/07/09 17:04	74-87-3	
2-Chlorotoluene	ND ug/kg		4.7	1		12/07/09 17:04	95-49-8	
4-Chlorotoluene	ND ug/kg		4.7	1		12/07/09 17:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.7	1		12/07/09 17:04	96-12-8	
Dibromochloromethane	ND ug/kg		4.7	1		12/07/09 17:04	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.7	1		12/07/09 17:04	106-93-4	
Dibromomethane	ND ug/kg		4.7	1		12/07/09 17:04	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:04	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:04	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:04	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.4	1		12/07/09 17:04	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.7	1		12/07/09 17:04	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.7	1		12/07/09 17:04	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:04	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:04	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:04	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:04	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:04	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:04	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:04	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:04	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:04	10061-02-6	
Diisopropyl ether	ND ug/kg		4.7	1		12/07/09 17:04	108-20-3	
Ethylbenzene	ND ug/kg		4.7	1		12/07/09 17:04	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-4 **Lab ID: 9258915009** Collected: 12/03/09 15:15 Received: 12/05/09 09:15 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND	mg/kg	6.3	1	12/07/09 12:01	12/09/09 12:52	68334-30-5	
n-Pentacosane (S)	79	%	50-135	1	12/07/09 12:01	12/09/09 12:52	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	mg/kg	12.5	1	12/07/09 15:55	12/14/09 04:36		
Aliphatic (C19-C36)	ND	mg/kg	12.5	1	12/07/09 15:55	12/14/09 04:36		
Aromatic (C11-C22)	ND	mg/kg	12.5	1	12/07/09 15:55	12/14/09 04:36		
Nonatriacontane (S)	75	%	40-140	1	12/07/09 15:55	12/14/09 04:36	7194-86-7	
o-Terphenyl (S)	135	%	40-140	1	12/07/09 15:55	12/14/09 04:36	84-15-1	
2-Fluorobiphenyl (S)	167	%	40-140	1	12/07/09 15:55	12/14/09 04:36	321-60-8	1g
2-Bromonaphthalene (S)	167	%	40-140	1	12/07/09 15:55	12/14/09 04:36	580-13-2	1g
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	7.3	1	12/10/09 04:41	12/11/09 04:09	8006-61-9	
4-Bromofluorobenzene (S)	105	%	50-135	1	12/10/09 04:41	12/11/09 04:09	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND	mg/kg	9.6	1	12/10/09 04:44	12/10/09 23:38		
Aliphatic (C09-C12)	ND	mg/kg	9.6	1	12/10/09 04:44	12/10/09 23:38		
Aromatic (C09-C10)	ND	mg/kg	9.6	1	12/10/09 04:44	12/10/09 23:38		
2,5-Dibromotoluene (PID)(S)	137	%	70-130	1	12/10/09 04:44	12/10/09 23:38		S3
2,5-Dibromotoluene (FID)(S)	120	%	70-130	1	12/10/09 04:44	12/10/09 23:38		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	83-32-9	
Acenaphthylene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	208-96-8	
Anthracene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 02:11	59-50-7	
4-Chloroaniline	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	108-60-1	
2-Chloronaphthalene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	91-58-7	
2-Chlorophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	7005-72-3	
Chrysene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	53-70-3	
Dibenzofuran	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-4 Lab ID: 9258915009 Collected: 12/03/09 15:15 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	77 %		18-110	1	12/09/09 18:25	12/15/09 02:11	321-60-8	
Terphenyl-d14 (S)	90 %		10-123	1	12/09/09 18:25	12/15/09 02:11	1718-51-0	
Phenol-d6 (S)	56 %		10-110	1	12/09/09 18:25	12/15/09 02:11	13127-88-3	
2-Fluorophenol (S)	64 %		18-110	1	12/09/09 18:25	12/15/09 02:11	367-12-4	
2,4,6-Tribromophenol (S)	87 %		10-110	1	12/09/09 18:25	12/15/09 02:11	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		93.2	1		12/07/09 17:23	67-64-1	
Benzene	ND ug/kg		4.7	1		12/07/09 17:23	71-43-2	
Bromobenzene	ND ug/kg		4.7	1		12/07/09 17:23	108-86-1	
Bromochloromethane	ND ug/kg		4.7	1		12/07/09 17:23	74-97-5	
Bromodichloromethane	ND ug/kg		4.7	1		12/07/09 17:23	75-27-4	
Bromoform	ND ug/kg		4.7	1		12/07/09 17:23	75-25-2	
Bromomethane	ND ug/kg		9.3	1		12/07/09 17:23	74-83-9	
2-Butanone (MEK)	ND ug/kg		93.2	1		12/07/09 17:23	78-93-3	
n-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:23	104-51-8	
sec-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:23	135-98-8	
tert-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:23	98-06-6	
Carbon tetrachloride	ND ug/kg		4.7	1		12/07/09 17:23	56-23-5	
Chlorobenzene	ND ug/kg		4.7	1		12/07/09 17:23	108-90-7	
Chloroethane	ND ug/kg		9.3	1		12/07/09 17:23	75-00-3	
Chloroform	ND ug/kg		4.7	1		12/07/09 17:23	67-66-3	
Chloromethane	ND ug/kg		9.3	1		12/07/09 17:23	74-87-3	
2-Chlorotoluene	ND ug/kg		4.7	1		12/07/09 17:23	95-49-8	
4-Chlorotoluene	ND ug/kg		4.7	1		12/07/09 17:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.7	1		12/07/09 17:23	96-12-8	
Dibromochloromethane	ND ug/kg		4.7	1		12/07/09 17:23	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.7	1		12/07/09 17:23	106-93-4	
Dibromomethane	ND ug/kg		4.7	1		12/07/09 17:23	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:23	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:23	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:23	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.3	1		12/07/09 17:23	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.7	1		12/07/09 17:23	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.7	1		12/07/09 17:23	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:23	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:23	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:23	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:23	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:23	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:23	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:23	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:23	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:23	10061-02-6	
Diisopropyl ether	ND ug/kg		4.7	1		12/07/09 17:23	108-20-3	
Ethylbenzene	ND ug/kg		4.7	1		12/07/09 17:23	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-B-7.5 **Lab ID:** 9258915010 **Collected:** 12/03/09 15:30 **Received:** 12/05/09 09:15 **Matrix:** Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND	mg/kg	5.6	1	12/07/09 12:01	12/09/09 12:52	68334-30-5	
n-Pentacosane (S)	63	%	50-135	1	12/07/09 12:01	12/09/09 12:52	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND	mg/kg	11.3	1	12/07/09 15:55	12/14/09 05:10		
Aliphatic (C19-C36)	ND	mg/kg	11.3	1	12/07/09 15:55	12/14/09 05:10		
Aromatic (C11-C22)	ND	mg/kg	11.3	1	12/07/09 15:55	12/14/09 05:10		
Nonatriacontane (S)	93	%	40-140	1	12/07/09 15:55	12/14/09 05:10	7194-86-7	
o-Terphenyl (S)	91	%	40-140	1	12/07/09 15:55	12/14/09 05:10	84-15-1	
2-Fluorobiphenyl (S)	104	%	40-140	1	12/07/09 15:55	12/14/09 05:10	321-60-8	
2-Bromonaphthalene (S)	105	%	40-140	1	12/07/09 15:55	12/14/09 05:10	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	5.1	1	12/11/09 17:44	12/11/09 19:03	8006-61-9	
4-Bromofluorobenzene (S)	136	%	50-135	1	12/11/09 17:44	12/11/09 19:03	460-00-4	S3
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND	mg/kg	9.3	1	12/10/09 04:44	12/11/09 00:02		
Aliphatic (C09-C12)	ND	mg/kg	9.3	1	12/10/09 04:44	12/11/09 00:02		
Aromatic (C09-C10)	ND	mg/kg	9.3	1	12/10/09 04:44	12/11/09 00:02		
2,5-Dibromotoluene (PID)(S)	134	%	70-130	1	12/10/09 04:44	12/11/09 00:02		S3
2,5-Dibromotoluene (FID)(S)	131	%	70-130	1	12/10/09 04:44	12/11/09 00:02		S3
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	83-32-9	
Acenaphthylene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	208-96-8	
Anthracene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	120-12-7	
Benzo(a)anthracene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	56-55-3	
Benzo(a)pyrene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	101-55-3	
Butylbenzylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	668	1	12/09/09 18:25	12/15/09 02:37	59-50-7	
4-Chloroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	108-60-1	
2-Chloronaphthalene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	91-58-7	
2-Chlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	7005-72-3	
Chrysene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	53-70-3	
Dibenzofuran	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-B-7.5 Lab ID: 9258915010 Collected: 12/03/09 15:30 Received: 12/05/09 09:15 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	71 %		18-110	1	12/09/09 18:25	12/15/09 02:37	321-60-8	
Terphenyl-d14 (S)	90 %		10-123	1	12/09/09 18:25	12/15/09 02:37	1718-51-0	
Phenol-d6 (S)	55 %		10-110	1	12/09/09 18:25	12/15/09 02:37	13127-88-3	
2-Fluorophenol (S)	61 %		18-110	1	12/09/09 18:25	12/15/09 02:37	367-12-4	
2,4,6-Tribromophenol (S)	79 %		10-110	1	12/09/09 18:25	12/15/09 02:37	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		159	1		12/08/09 15:38	67-64-1	
Benzene	ND ug/kg		8.0	1		12/08/09 15:38	71-43-2	
Bromobenzene	ND ug/kg		8.0	1		12/08/09 15:38	108-86-1	
Bromochloromethane	ND ug/kg		8.0	1		12/08/09 15:38	74-97-5	
Bromodichloromethane	ND ug/kg		8.0	1		12/08/09 15:38	75-27-4	
Bromoform	ND ug/kg		8.0	1		12/08/09 15:38	75-25-2	
Bromomethane	ND ug/kg		15.9	1		12/08/09 15:38	74-83-9	
2-Butanone (MEK)	ND ug/kg		159	1		12/08/09 15:38	78-93-3	
n-Butylbenzene	ND ug/kg		8.0	1		12/08/09 15:38	104-51-8	
sec-Butylbenzene	ND ug/kg		8.0	1		12/08/09 15:38	135-98-8	
tert-Butylbenzene	ND ug/kg		8.0	1		12/08/09 15:38	98-06-6	
Carbon tetrachloride	ND ug/kg		8.0	1		12/08/09 15:38	56-23-5	
Chlorobenzene	ND ug/kg		8.0	1		12/08/09 15:38	108-90-7	
Chloroethane	ND ug/kg		15.9	1		12/08/09 15:38	75-00-3	
Chloroform	ND ug/kg		8.0	1		12/08/09 15:38	67-66-3	
Chloromethane	ND ug/kg		15.9	1		12/08/09 15:38	74-87-3	
2-Chlorotoluene	ND ug/kg		8.0	1		12/08/09 15:38	95-49-8	
4-Chlorotoluene	ND ug/kg		8.0	1		12/08/09 15:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		8.0	1		12/08/09 15:38	96-12-8	
Dibromochloromethane	ND ug/kg		8.0	1		12/08/09 15:38	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		8.0	1		12/08/09 15:38	106-93-4	
Dibromomethane	ND ug/kg		8.0	1		12/08/09 15:38	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		8.0	1		12/08/09 15:38	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		8.0	1		12/08/09 15:38	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		8.0	1		12/08/09 15:38	106-46-7	
Dichlorodifluoromethane	ND ug/kg		15.9	1		12/08/09 15:38	75-71-8	
1,1-Dichloroethane	ND ug/kg		8.0	1		12/08/09 15:38	75-34-3	
1,2-Dichloroethane	ND ug/kg		8.0	1		12/08/09 15:38	107-06-2	
1,1-Dichloroethene	ND ug/kg		8.0	1		12/08/09 15:38	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		8.0	1		12/08/09 15:38	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		8.0	1		12/08/09 15:38	156-60-5	
1,2-Dichloropropane	ND ug/kg		8.0	1		12/08/09 15:38	78-87-5	
1,3-Dichloropropane	ND ug/kg		8.0	1		12/08/09 15:38	142-28-9	
2,2-Dichloropropane	ND ug/kg		8.0	1		12/08/09 15:38	594-20-7	
1,1-Dichloropropene	ND ug/kg		8.0	1		12/08/09 15:38	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		8.0	1		12/08/09 15:38	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		8.0	1		12/08/09 15:38	10061-02-6	
Diisopropyl ether	ND ug/kg		8.0	1		12/08/09 15:38	108-20-3	
Ethylbenzene	ND ug/kg		8.0	1		12/08/09 15:38	100-41-4	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank

Pace Project No.: 9258915

QC Batch: OEXT/8736 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 3546 Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

METHOD BLANK: 375795 Matrix: Solid
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

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

LABORATORY CONTROL SAMPLE & LCSD: 375796		375797								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Components	mg/kg	167	122	141	73		50-114	14		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 375798		375799									
Parameter	Units	9258835002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	53.3	189	189	283	224	122	91	50-107	23	M3
n-Pentacosane (S)	%						190	182	50-135		S2

QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch: GCV/3668 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009

METHOD BLANK: 377636 Matrix: Solid
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009

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

LABORATORY CONTROL SAMPLE: 377637

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

MATRIX SPIKE SAMPLE: 377638

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

SAMPLE DUPLICATE: 377639

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

QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch: GCV/3669 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Soil
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

METHOD BLANK: 377642 Matrix: Solid
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	10.0	12/10/09 19:58	
Aliphatic (C09-C12)	mg/kg	ND	10.0	12/10/09 19:58	
Aromatic (C09-C10)	mg/kg	ND	10.0	12/10/09 19:58	
2,5-Dibromotoluene (FID)(S)	%	82	70-130	12/10/09 19:58	
2,5-Dibromotoluene (PID)(S)	%	91	70-130	12/10/09 19:58	

LABORATORY CONTROL SAMPLE & LCSD: 377643 377644

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	17.3	17.4	115	116	70-130	1	25	
Aliphatic (C09-C12)	mg/kg	15	14.3	15.6	95	104	30-130	9	25	
Aromatic (C09-C10)	mg/kg	5	ND	ND	107	110	70-130		25	
2,5-Dibromotoluene (FID)(S)	%				100	100	70-130			
2,5-Dibromotoluene (PID)(S)	%				112	117	70-130			

QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

METHOD BLANK: 25149

Matrix: Solid

Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	170	12/14/09 15:47	
Chrysene	ug/kg	ND	33.0	12/14/09 15:47	
Di-n-butylphthalate	ug/kg	ND	170	12/14/09 15:47	
Di-n-octylphthalate	ug/kg	ND	170	12/14/09 15:47	
Dibenz(a,h)anthracene	ug/kg	ND	33.0	12/14/09 15:47	
Dibenzofuran	ug/kg	ND	170	12/14/09 15:47	
Diethylphthalate	ug/kg	ND	170	12/14/09 15:47	
Dimethylphthalate	ug/kg	ND	170	12/14/09 15:47	
Fluoranthene	ug/kg	ND	33.0	12/14/09 15:47	
Fluorene	ug/kg	ND	33.0	12/14/09 15:47	
Hexachloro-1,3-butadiene	ug/kg	ND	170	12/14/09 15:47	
Hexachlorobenzene	ug/kg	ND	170	12/14/09 15:47	
Hexachlorocyclopentadiene	ug/kg	ND	670	12/14/09 15:47	
Hexachloroethane	ug/kg	ND	170	12/14/09 15:47	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	33.0	12/14/09 15:47	
Isophorone	ug/kg	ND	170	12/14/09 15:47	
N-Nitroso-di-n-propylamine	ug/kg	ND	170	12/14/09 15:47	
N-Nitrosodimethylamine	ug/kg	ND	170	12/14/09 15:47	
N-Nitrosodiphenylamine	ug/kg	ND	170	12/14/09 15:47	
Naphthalene	ug/kg	ND	33.0	12/14/09 15:47	
Nitrobenzene	ug/kg	ND	170	12/14/09 15:47	
Pentachlorophenol	ug/kg	ND	670	12/14/09 15:47	
Phenanthrene	ug/kg	ND	33.0	12/14/09 15:47	
Phenol	ug/kg	ND	170	12/14/09 15:47	
Pyrene	ug/kg	ND	33.0	12/14/09 15:47	
2,4,6-Tribromophenol (S)	%	88	10-110	12/14/09 15:47	
2-Fluorobiphenyl (S)	%	79	18-110	12/14/09 15:47	
2-Fluorophenol (S)	%	65	18-110	12/14/09 15:47	
Nitrobenzene-d5 (S)	%	75	10-110	12/14/09 15:47	
Phenol-d6 (S)	%	64	10-110	12/14/09 15:47	
Terphenyl-d14 (S)	%	91	10-123	12/14/09 15:47	

LABORATORY CONTROL SAMPLE: 25150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1270	76	55.2-104.2	
1,2-Dichlorobenzene	ug/kg	1670	1080	65	46.8-80.1	
1,2-Diphenylhydrazine	ug/kg	1670	1330	80		
1,3-Dichlorobenzene	ug/kg	1670	1120	67	46.4-80.6	
1,4-Dichlorobenzene	ug/kg	1670	1180	71	37.4-86.7	
1-Methylnaphthalene	ug/kg	1670	1340	80	20.7-121.7	
2,4,5-Trichlorophenol	ug/kg	1670	1520	91	58.1-101.3	
2,4,6-Trichlorophenol	ug/kg	1670	1630	98	46.2-106	
2,4-Dichlorophenol	ug/kg	1670	1440	86	47.1-102	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

LABORATORY CONTROL SAMPLE: 25150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitroso-di-n-propylamine	ug/kg	1670	1270	76	60.7-96.7	
N-Nitrosodimethylamine	ug/kg	1670	962	58	50.7-89.6	
N-Nitrosodiphenylamine	ug/kg	1670	1420	85	53.8-112.6	
Naphthalene	ug/kg	1670	1260	76	19.8-116.2	
Nitrobenzene	ug/kg	1670	1200	72	54.6-87.7	
Pentachlorophenol	ug/kg	1670	1510	91	35.6-133.1	
Phenanthrene	ug/kg	1670	1400	84	27.7-128.9	
Phenol	ug/kg	1670	984	59	49.3-102.8	
Pyrene	ug/kg	1670	1370	82	27.7-128.9	
2,4,6-Tribromophenol (S)	%			96	10-110	
2-Fluorobiphenyl (S)	%			81	18-110	
2-Fluorophenol (S)	%			57	18-110	
Nitrobenzene-d5 (S)	%			73	10-110	
Phenol-d6 (S)	%			67	10-110	
Terphenyl-d14 (S)	%			84	10-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 25151 25152

Parameter	Units	9258915001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1680	1680	1220	1400	73	83	55.2-104	13	
1,2-Dichlorobenzene	ug/kg	ND	1680	1680	1070	1240	64	74	46.8-80.	14	
1,2-Diphenylhydrazine	ug/kg	ND	1680	1680	1340	1400	80	83		4	
1,3-Dichlorobenzene	ug/kg	ND	1680	1680	1080	1290	64	77	46.4-80.	17	
1,4-Dichlorobenzene	ug/kg	ND	1680	1680	1070	1310	64	78	37.4-86.	20	
1-Methylnaphthalene	ug/kg	ND	1680	1680	1300	1430	78	85	20.7-121	9	
2,4,5-Trichlorophenol	ug/kg	ND	1680	1680	1480	1650	88	98	58.1-101	11	
2,4,6-Trichlorophenol	ug/kg	ND	1680	1680	1590	1750	95	104	46.2-106	10	
2,4-Dichlorophenol	ug/kg	ND	1680	1680	1370	1540	81	92	47.1-102	12	
2,4-Dimethylphenol	ug/kg	ND	1680	1680	1280	1360	76	81	54.1-109	6	
2,4-Dinitrophenol	ug/kg	ND	1680	1680	1440	1490	86	89	57.6-108	3	
2,4-Dinitrotoluene	ug/kg	ND	1680	1680	1510	1680	90	100	62.7-99.	11	M0
2,6-Dinitrotoluene	ug/kg	ND	1680	1680	1390	1490	83	89	53.2-110	7	
2-Chloronaphthalene	ug/kg	ND	1680	1680	1390	1500	83	89	49.8-101	7	
2-Chlorophenol	ug/kg	ND	1680	1680	1070	1240	64	74	48.2-85.	15	
2-Methylnaphthalene	ug/kg	ND	1680	1680	1320	1420	79	84	20.9-121	7	
2-Methylphenol(o-Cresol)	ug/kg	ND	1680	1680	1180	1270	70	76	53.2-93.	8	
2-Nitroaniline	ug/kg	ND	1680	1680	1350	1480	81	88	64.2-102	9	
2-Nitrophenol	ug/kg	ND	1680	1680	1150	1390	68	83	35-142.5	19	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1680	1680	1350	1410	80	84	50.1-87	5	
3,3'-Dichlorobenzidine	ug/kg	ND	1680	1680	1690	1820	101	108	51.7-91.	7	M0
3-Nitroaniline	ug/kg	ND	1680	1680	1450	1560	86	93	64.9-102	8	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1680	1680	1430	1550	85	92	49.2-104	8	
4-Bromophenylphenyl ether	ug/kg	ND	1680	1680	1480	1530	88	91	61-96.5	3	
4-Chloro-3-methylphenol	ug/kg	ND	1680	1680	1380	1560	82	93	63.4-98.	12	
4-Chloroaniline	ug/kg	ND	1680	1680	1270	1460	76	87	54.8-90.	14	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch:	MSV/9252	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035A Volatile Organics
Associated Lab Samples:	9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010		

METHOD BLANK:	375717	Matrix:	Solid
Associated Lab Samples:	9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1-Dichloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1-Dichloroethene	ug/kg	ND	5.0	12/07/09 13:07	
1,1-Dichloropropene	ug/kg	ND	5.0	12/07/09 13:07	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/07/09 13:07	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dichloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dichloropropane	ug/kg	ND	5.0	12/07/09 13:07	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,3-Dichloropropane	ug/kg	ND	5.0	12/07/09 13:07	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
2,2-Dichloropropane	ug/kg	ND	5.0	12/07/09 13:07	
2-Butanone (MEK)	ug/kg	ND	100	12/07/09 13:07	
2-Chlorotoluene	ug/kg	ND	5.0	12/07/09 13:07	
2-Hexanone	ug/kg	ND	50.0	12/07/09 13:07	
4-Chlorotoluene	ug/kg	ND	5.0	12/07/09 13:07	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	12/07/09 13:07	
Acetone	ug/kg	ND	100	12/07/09 13:07	
Benzene	ug/kg	ND	5.0	12/07/09 13:07	
Bromobenzene	ug/kg	ND	5.0	12/07/09 13:07	
Bromochloromethane	ug/kg	ND	5.0	12/07/09 13:07	
Bromodichloromethane	ug/kg	ND	5.0	12/07/09 13:07	
Bromoform	ug/kg	ND	5.0	12/07/09 13:07	
Bromomethane	ug/kg	ND	10.0	12/07/09 13:07	
Carbon tetrachloride	ug/kg	ND	5.0	12/07/09 13:07	
Chlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
Chloroethane	ug/kg	ND	10.0	12/07/09 13:07	
Chloroform	ug/kg	ND	5.0	12/07/09 13:07	
Chloromethane	ug/kg	ND	10.0	12/07/09 13:07	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/07/09 13:07	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/07/09 13:07	
Dibromochloromethane	ug/kg	ND	5.0	12/07/09 13:07	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

LABORATORY CONTROL SAMPLE: 375718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	57.2	114	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	54.5	109	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	54.5	109	77-136	
1,2-Dichlorobenzene	ug/kg	50	51.9	104	75-141	
1,2-Dichloroethane	ug/kg	50	60.3	121	74-134	
1,2-Dichloropropane	ug/kg	50	58.4	117	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	55.4	111	65-128	
1,3-Dichlorobenzene	ug/kg	50	53.8	108	76-133	
1,3-Dichloropropane	ug/kg	50	54.4	109	79-132	
1,4-Dichlorobenzene	ug/kg	50	51.8	104	75-137	
2,2-Dichloropropane	ug/kg	50	55.4	111	73-137	
2-Butanone (MEK)	ug/kg	100	122	122	61-138	
2-Chlorotoluene	ug/kg	50	53.8	108	73-138	
2-Hexanone	ug/kg	100	122	122	58-159	
4-Chlorotoluene	ug/kg	50	55.9	112	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	126	126	74-139	
Acetone	ug/kg	100	117	117	58-150	
Benzene	ug/kg	50	52.5	105	71-140	
Bromobenzene	ug/kg	50	57.0	114	72-144	
Bromochloromethane	ug/kg	50	50.6	101	78-133	
Bromodichloromethane	ug/kg	50	55.2	110	78-133	
Bromoform	ug/kg	50	58.6	117	74-132	
Bromomethane	ug/kg	50	48.6	97	63-184	
Carbon tetrachloride	ug/kg	50	61.4	123	73-143	
Chlorobenzene	ug/kg	50	53.2	106	77-137	
Chloroethane	ug/kg	50	64.9	130	68-146	
Chloroform	ug/kg	50	54.2	108	75-137	
Chloromethane	ug/kg	50	57.6	115	54-143	
cis-1,2-Dichloroethene	ug/kg	50	56.2	112	71-143	
cis-1,3-Dichloropropene	ug/kg	50	59.0	118	76-133	
Dibromochloromethane	ug/kg	50	53.7	107	77-131	
Dibromomethane	ug/kg	50	58.4	117	63-184	
Dichlorodifluoromethane	ug/kg	50	58.8	118	36-173	
Diisopropyl ether	ug/kg	50	56.5	113	68-144	
Ethylbenzene	ug/kg	50	53.4	107	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	51.8	104	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	54.0	108	77-143	
m&p-Xylene	ug/kg	100	108	108	72-138	
Methyl-tert-butyl ether	ug/kg	50	59.4	119	2-138	
Methylene Chloride	ug/kg	50	64.9	130	69-136	
n-Butylbenzene	ug/kg	50	55.0	110	65-128	
n-Propylbenzene	ug/kg	50	56.2	112	72-139	
Naphthalene	ug/kg	50	53.6	107	61-138	
o-Xylene	ug/kg	50	54.4	109	74-137	
p-Isopropyltoluene	ug/kg	50	55.1	110	66-128	
sec-Butylbenzene	ug/kg	50	54.1	108	72-140	
Styrene	ug/kg	50	54.2	108	76-137	
tert-Butylbenzene	ug/kg	50	56.1	112	68-141	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

SAMPLE DUPLICATE: 375958

Parameter	Units	9258915001 Result	Dup Result	RPD	Qualifiers
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	ND		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	ND		
Benzene	ug/kg	ND	ND		
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		
Carbon tetrachloride	ug/kg	ND	ND		
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	ND		
Chloromethane	ug/kg	ND	ND		
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		
m&p-Xylene	ug/kg	ND	ND		
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
tert-Butylbenzene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	ND	ND		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch:	PMST/2919	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010		

SAMPLE DUPLICATE: 375823

Parameter	Units	9258911001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	13.8	13.8	0	

SAMPLE DUPLICATE: 375824

Parameter	Units	9258790007 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	15.6	15.2	3	



Sample Condition Upon Receipt

Client Name: MFC Project # 9258915

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

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

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

Thermometer Used T060

Type of Ice: Wet Blue None

☒ Samples on ice, cooling process has begun

Cooler Temperature 3.1

Biological Tissue is Frozen: Yes No N/A

Date and Initials of person examining contents: EAH/2/09

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☒ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☒ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☒ Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No ☐ N/A	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No ☐ N/A	7.
Sufficient Volume:	☐ Yes ☒ No ☐ N/A	8. <u>Once PG 1 of 2 then #1 Did not Receive VPH kit</u>
Correct Containers Used:	☒ Yes ☐ No ☐ N/A	9. <u>Receive 8260 kit for VPH for sample # 10 on loc</u>
-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. <u>Received VPH kit with no ID, Time, or Date</u>
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	☒ Yes ☐ No ☐ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒ Yes ☐ No ☐ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased):	<u>N/A</u>	

Client Notification/ Resolution:

Field Data Required? Y / N / N/A

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review:

[Signature]

Date: 12/7/09

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)



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

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

December 17, 2009

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

RE: Project: TT-2 Tank Yank
Pace Project No.: 9258915

Dear Rob Finley:

Enclosed are the analytical results for sample(s) received by the laboratory on December 05, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

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

Sincerely,

Ashley Nifong

ashley.nifong@pacelabs.com
Project Manager

Enclosures

cc: Mike Rohrer, MEC Corp.

REPORT OF LABORATORY ANALYSIS

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(828)254-7176

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

CERTIFICATIONS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Ormond Beach Certification IDs

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

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

Charlotte Certification IDs

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

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

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SAMPLE ANALYTE COUNT

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9258915001	TT-2007-1	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915002	TT-2007-2	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915003	TT-2007-3	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915004	TT-2007-4	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915005	TT-2007-B-8	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
9258915006	TT-2610-1	EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C

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SAMPLE ANALYTE COUNT

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9258915007	TT-2610-2	EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
9258915008	TT-2610-3	EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
9258915009	TT-2610-4	MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
9258915010	TT-2610-B-7.5	EPA 8270	EAO	72	PASI-O
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		EPA 8015 Modified	RES	2	PASI-C
		MADEP EPH	CAH	7	PASI-C
		EPA 8015 Modified	DHW	2	PASI-C
		MADEP VPH	DHW	5	PASI-C
		EPA 8270	EAO	72	PASI-O

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-1 Lab ID: 9258915001 Collected: 12/03/09 09:10 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.8	1	12/07/09 12:01	12/09/09 10:56	68334-30-5	
n-Pentacosane (S)	72 %		50-135	1	12/07/09 12:01	12/09/09 10:56	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:09		
Aliphatic (C19-C36)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:09		
Aromatic (C11-C22)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:09		
Nonatriacotane (S)	84 %		40-140	1	12/07/09 15:55	12/14/09 00:09	7194-86-7	
o-Terphenyl (S)	88 %		40-140	1	12/07/09 15:55	12/14/09 00:09	84-15-1	
2-Fluorobiphenyl (S)	99 %		40-140	1	12/07/09 15:55	12/14/09 00:09	321-60-8	
2-Bromonaphthalene (S)	100 %		40-140	1	12/07/09 15:55	12/14/09 00:09	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		6.3	1	12/10/09 04:41	12/11/09 00:53	8006-61-9	
4-Bromofluorobenzene (S)	118 %		50-135	1	12/10/09 04:41	12/11/09 00:53	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.7	1	12/10/09 04:44	12/10/09 20:22		
Aliphatic (C09-C12)	ND mg/kg		9.7	1	12/10/09 04:44	12/10/09 20:22		
Aromatic (C09-C10)	ND mg/kg		9.7	1	12/10/09 04:44	12/10/09 20:22		
2,5-Dibromotoluene (PID)(S)	97 %		70-130	1	12/10/09 04:44	12/10/09 20:22		
2,5-Dibromotoluene (FID)(S)	85 %		70-130	1	12/10/09 04:44	12/10/09 20:22		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	83-32-9	
Acenaphthylene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	208-96-8	
Anthracene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	101-55-3	
Butylbenzylphthalate	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		663	1	12/09/09 18:25	12/14/09 22:43	59-50-7	
4-Chloroaniline	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	108-60-1	
2-Chloronaphthalene	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	91-58-7	
2-Chlorophenol	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	7005-72-3	
Chrysene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.7	1	12/09/09 18:25	12/14/09 22:43	53-70-3	
Dibenzofuran	ND ug/kg		168	1	12/09/09 18:25	12/14/09 22:43	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-1 Lab ID: 9258915001 Collected: 12/03/09 09:10 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	663	1	12/09/09 18:25	12/14/09 22:43	91-94-1	M0
2,4-Dichlorophenol	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	120-83-2	
Diethylphthalate	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	105-67-9	
Dimethylphthalate	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	663	1	12/09/09 18:25	12/14/09 22:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	663	1	12/09/09 18:25	12/14/09 22:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	121-14-2	M0
2,6-Dinitrotoluene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	117-81-7	
Fluoranthene	ND	ug/kg	32.7	1	12/09/09 18:25	12/14/09 22:43	206-44-0	
Fluorene	ND	ug/kg	32.7	1	12/09/09 18:25	12/14/09 22:43	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	87-68-3	
Hexachlorobenzene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	663	1	12/09/09 18:25	12/14/09 22:43	77-47-4	
Hexachloroethane	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.7	1	12/09/09 18:25	12/14/09 22:43	193-39-5	
Isophorone	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.7	1	12/09/09 18:25	12/14/09 22:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.7	1	12/09/09 18:25	12/14/09 22:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43		
Naphthalene	ND	ug/kg	32.7	1	12/09/09 18:25	12/14/09 22:43	91-20-3	
2-Nitroaniline	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	88-74-4	
3-Nitroaniline	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	99-09-2	
4-Nitroaniline	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	100-01-6	
Nitrobenzene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	98-95-3	
2-Nitrophenol	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	88-75-5	
4-Nitrophenol	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	100-02-7	L1,M0
N-Nitrosodimethylamine	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	86-30-6	
Pentachlorophenol	ND	ug/kg	663	1	12/09/09 18:25	12/14/09 22:43	87-86-5	
Phenanthrene	ND	ug/kg	32.7	1	12/09/09 18:25	12/14/09 22:43	85-01-8	
Phenol	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	108-95-2	
Pyrene	ND	ug/kg	32.7	1	12/09/09 18:25	12/14/09 22:43	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	168	1	12/09/09 18:25	12/14/09 22:43	88-06-2	
Nitrobenzene-d5 (S)	69 %		10-110	1	12/09/09 18:25	12/14/09 22:43	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-1 Lab ID: 9258915001 Collected: 12/03/09 09:10 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	72 %		18-110	1	12/09/09 18:25	12/14/09 22:43	321-60-8	
Terphenyl-d14 (S)	93 %		10-123	1	12/09/09 18:25	12/14/09 22:43	1718-51-0	
Phenol-d6 (S)	51 %		10-110	1	12/09/09 18:25	12/14/09 22:43	13127-88-3	
2-Fluorophenol (S)	53 %		18-110	1	12/09/09 18:25	12/14/09 22:43	367-12-4	
2,4,6-Tribromophenol (S)	92 %		10-110	1	12/09/09 18:25	12/14/09 22:43	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		96.5	1		12/07/09 14:56	67-64-1	
Benzene	ND ug/kg		4.8	1		12/07/09 14:56	71-43-2	
Bromobenzene	ND ug/kg		4.8	1		12/07/09 14:56	108-86-1	
Bromochloromethane	ND ug/kg		4.8	1		12/07/09 14:56	74-97-5	
Bromodichloromethane	ND ug/kg		4.8	1		12/07/09 14:56	75-27-4	
Bromoform	ND ug/kg		4.8	1		12/07/09 14:56	75-25-2	
Bromomethane	ND ug/kg		9.7	1		12/07/09 14:56	74-83-9	
2-Butanone (MEK)	ND ug/kg		96.5	1		12/07/09 14:56	78-93-3	
n-Butylbenzene	ND ug/kg		4.8	1		12/07/09 14:56	104-51-8	
sec-Butylbenzene	ND ug/kg		4.8	1		12/07/09 14:56	135-98-8	
tert-Butylbenzene	ND ug/kg		4.8	1		12/07/09 14:56	98-06-6	
Carbon tetrachloride	ND ug/kg		4.8	1		12/07/09 14:56	56-23-5	
Chlorobenzene	ND ug/kg		4.8	1		12/07/09 14:56	108-90-7	
Chloroethane	ND ug/kg		9.7	1		12/07/09 14:56	75-00-3	
Chloroform	ND ug/kg		4.8	1		12/07/09 14:56	67-66-3	
Chloromethane	ND ug/kg		9.7	1		12/07/09 14:56	74-87-3	
2-Chlorotoluene	ND ug/kg		4.8	1		12/07/09 14:56	95-49-8	
4-Chlorotoluene	ND ug/kg		4.8	1		12/07/09 14:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.8	1		12/07/09 14:56	96-12-8	
Dibromochloromethane	ND ug/kg		4.8	1		12/07/09 14:56	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.8	1		12/07/09 14:56	106-93-4	
Dibromomethane	ND ug/kg		4.8	1		12/07/09 14:56	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.8	1		12/07/09 14:56	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.8	1		12/07/09 14:56	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.8	1		12/07/09 14:56	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.7	1		12/07/09 14:56	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.8	1		12/07/09 14:56	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.8	1		12/07/09 14:56	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.8	1		12/07/09 14:56	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.8	1		12/07/09 14:56	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.8	1		12/07/09 14:56	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.8	1		12/07/09 14:56	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.8	1		12/07/09 14:56	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.8	1		12/07/09 14:56	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.8	1		12/07/09 14:56	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.8	1		12/07/09 14:56	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.8	1		12/07/09 14:56	10061-02-6	
Diisopropyl ether	ND ug/kg		4.8	1		12/07/09 14:56	108-20-3	
Ethylbenzene	ND ug/kg		4.8	1		12/07/09 14:56	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-1 Lab ID: 9258915001 Collected: 12/03/09 09:10 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		12/07/09 14:56	87-68-3	
2-Hexanone	ND	ug/kg	48.3	1		12/07/09 14:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		12/07/09 14:56	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		12/07/09 14:56	99-87-6	
Methylene Chloride	ND	ug/kg	19.3	1		12/07/09 14:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.3	1		12/07/09 14:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		12/07/09 14:56	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		12/07/09 14:56	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		12/07/09 14:56	103-65-1	
Styrene	ND	ug/kg	4.8	1		12/07/09 14:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/07/09 14:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/07/09 14:56	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		12/07/09 14:56	127-18-4	
Toluene	ND	ug/kg	4.8	1		12/07/09 14:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		12/07/09 14:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		12/07/09 14:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		12/07/09 14:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		12/07/09 14:56	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		12/07/09 14:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		12/07/09 14:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		12/07/09 14:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		12/07/09 14:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		12/07/09 14:56	108-67-8	
Vinyl acetate	ND	ug/kg	48.3	1		12/07/09 14:56	108-05-4	
Vinyl chloride	ND	ug/kg	9.7	1		12/07/09 14:56	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		12/07/09 14:56	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	1		12/07/09 14:56	1330-20-7	
o-Xylene	ND	ug/kg	4.8	1		12/07/09 14:56	95-47-6	
Dibromofluoromethane (S)	105 %		79-116	1		12/07/09 14:56	1868-53-7	
Toluene-d8 (S)	101 %		88-110	1		12/07/09 14:56	2037-26-5	
4-Bromofluorobenzene (S)	96 %		74-115	1		12/07/09 14:56	460-00-4	
1,2-Dichloroethane-d4 (S)	118 %		69-121	1		12/07/09 14:56	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	14.1 %	0.10	1	12/08/09 08:54
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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-2 Lab ID: 9258915002 Collected: 12/03/09 08:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.8	1	12/07/09 12:01	12/09/09 10:56	68334-30-5	
n-Pentacosane (S)	73 %		50-135	1	12/07/09 12:01	12/09/09 10:56	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:42		
Aliphatic (C19-C36)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:42		
Aromatic (C11-C22)	ND mg/kg		11.6	1	12/07/09 15:55	12/14/09 00:42		
Nonatriacontane (S)	83 %		40-140	1	12/07/09 15:55	12/14/09 00:42	7194-86-7	
o-Terphenyl (S)	90 %		40-140	1	12/07/09 15:55	12/14/09 00:42	84-15-1	
2-Fluorobiphenyl (S)	107 %		40-140	1	12/07/09 15:55	12/14/09 00:42	321-60-8	
2-Bromonaphthalene (S)	108 %		40-140	1	12/07/09 15:55	12/14/09 00:42	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		6.7	1	12/10/09 04:41	12/11/09 01:18	8006-61-9	
4-Bromofluorobenzene (S)	131 %		50-135	1	12/10/09 04:41	12/11/09 01:18	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		8.9	1	12/10/09 04:44	12/10/09 20:47		
Aliphatic (C09-C12)	ND mg/kg		8.9	1	12/10/09 04:44	12/10/09 20:47		
Aromatic (C09-C10)	ND mg/kg		8.9	1	12/10/09 04:44	12/10/09 20:47		
2,5-Dibromotoluene (PID)(S)	126 %		70-130	1	12/10/09 04:44	12/10/09 20:47		
2,5-Dibromotoluene (FID)(S)	115 %		70-130	1	12/10/09 04:44	12/10/09 20:47		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	83-32-9	
Acenaphthylene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	208-96-8	
Anthracene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	120-12-7	
Benzo(a)anthracene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	56-55-3	
Benzo(a)pyrene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	101-55-3	
Butylbenzylphthalate	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		677	1	12/09/09 18:25	12/14/09 23:09	59-50-7	
4-Chloroaniline	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	108-60-1	
2-Chloronaphthalene	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	91-58-7	
2-Chlorophenol	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	7005-72-3	
Chrysene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		33.3	1	12/09/09 18:25	12/14/09 23:09	53-70-3	
Dibenzofuran	ND ug/kg		172	1	12/09/09 18:25	12/14/09 23:09	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-2 Lab ID: 9258915002 Collected: 12/03/09 08:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	677	1	12/09/09 18:25	12/14/09 23:09	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	120-83-2	
Diethylphthalate	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	105-67-9	
Dimethylphthalate	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	677	1	12/09/09 18:25	12/14/09 23:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	677	1	12/09/09 18:25	12/14/09 23:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	117-81-7	
Fluoranthene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	206-44-0	
Fluorene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	87-68-3	
Hexachlorobenzene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	677	1	12/09/09 18:25	12/14/09 23:09	77-47-4	
Hexachloroethane	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	193-39-5	
Isophorone	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09		
Naphthalene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	91-20-3	
2-Nitroaniline	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	88-74-4	
3-Nitroaniline	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	99-09-2	
4-Nitroaniline	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	100-01-6	
Nitrobenzene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	98-95-3	
2-Nitrophenol	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	88-75-5	
4-Nitrophenol	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	100-02-7	L1
N-Nitrosodimethylamine	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	86-30-6	
Pentachlorophenol	ND	ug/kg	677	1	12/09/09 18:25	12/14/09 23:09	87-86-5	
Phenanthrene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	85-01-8	
Phenol	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	108-95-2	
Pyrene	ND	ug/kg	33.3	1	12/09/09 18:25	12/14/09 23:09	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	172	1	12/09/09 18:25	12/14/09 23:09	88-06-2	
Nitrobenzene-d5 (S)	63 %		10-110	1	12/09/09 18:25	12/14/09 23:09	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-2 Lab ID: 9258915002 Collected: 12/03/09 08:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	72 %		18-110	1	12/09/09 18:25	12/14/09 23:09	321-60-8	
Terphenyl-d14 (S)	88 %		10-123	1	12/09/09 18:25	12/14/09 23:09	1718-51-0	
Phenol-d6 (S)	54 %		10-110	1	12/09/09 18:25	12/14/09 23:09	13127-88-3	
2-Fluorophenol (S)	53 %		18-110	1	12/09/09 18:25	12/14/09 23:09	367-12-4	
2,4,6-Tribromophenol (S)	93 %		10-110	1	12/09/09 18:25	12/14/09 23:09	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		81.8	1		12/07/09 15:15	67-64-1	
Benzene	ND ug/kg		4.1	1		12/07/09 15:15	71-43-2	
Bromobenzene	ND ug/kg		4.1	1		12/07/09 15:15	108-86-1	
Bromochloromethane	ND ug/kg		4.1	1		12/07/09 15:15	74-97-5	
Bromodichloromethane	ND ug/kg		4.1	1		12/07/09 15:15	75-27-4	
Bromoform	ND ug/kg		4.1	1		12/07/09 15:15	75-25-2	
Bromomethane	ND ug/kg		8.2	1		12/07/09 15:15	74-83-9	
2-Butanone (MEK)	ND ug/kg		81.8	1		12/07/09 15:15	78-93-3	
n-Butylbenzene	ND ug/kg		4.1	1		12/07/09 15:15	104-51-8	
sec-Butylbenzene	ND ug/kg		4.1	1		12/07/09 15:15	135-98-8	
tert-Butylbenzene	ND ug/kg		4.1	1		12/07/09 15:15	98-06-6	
Carbon tetrachloride	ND ug/kg		4.1	1		12/07/09 15:15	56-23-5	
Chlorobenzene	ND ug/kg		4.1	1		12/07/09 15:15	108-90-7	
Chloroethane	ND ug/kg		8.2	1		12/07/09 15:15	75-00-3	
Chloroform	ND ug/kg		4.1	1		12/07/09 15:15	67-66-3	
Chloromethane	ND ug/kg		8.2	1		12/07/09 15:15	74-87-3	
2-Chlorotoluene	ND ug/kg		4.1	1		12/07/09 15:15	95-49-8	
4-Chlorotoluene	ND ug/kg		4.1	1		12/07/09 15:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.1	1		12/07/09 15:15	96-12-8	
Dibromochloromethane	ND ug/kg		4.1	1		12/07/09 15:15	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.1	1		12/07/09 15:15	106-93-4	
Dibromomethane	ND ug/kg		4.1	1		12/07/09 15:15	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.1	1		12/07/09 15:15	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.1	1		12/07/09 15:15	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.1	1		12/07/09 15:15	106-46-7	
Dichlorodifluoromethane	ND ug/kg		8.2	1		12/07/09 15:15	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.1	1		12/07/09 15:15	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.1	1		12/07/09 15:15	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.1	1		12/07/09 15:15	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.1	1		12/07/09 15:15	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.1	1		12/07/09 15:15	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.1	1		12/07/09 15:15	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.1	1		12/07/09 15:15	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.1	1		12/07/09 15:15	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.1	1		12/07/09 15:15	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.1	1		12/07/09 15:15	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.1	1		12/07/09 15:15	10061-02-6	
Diisopropyl ether	ND ug/kg		4.1	1		12/07/09 15:15	108-20-3	
Ethylbenzene	ND ug/kg		4.1	1		12/07/09 15:15	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-2 Lab ID: 9258915002 Collected: 12/03/09 08:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1		12/07/09 15:15	87-68-3	
2-Hexanone	ND	ug/kg	40.9	1		12/07/09 15:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		12/07/09 15:15	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		12/07/09 15:15	99-87-6	
Methylene Chloride	ND	ug/kg	16.4	1		12/07/09 15:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	40.9	1		12/07/09 15:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		12/07/09 15:15	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		12/07/09 15:15	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		12/07/09 15:15	103-65-1	
Styrene	ND	ug/kg	4.1	1		12/07/09 15:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1		12/07/09 15:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		12/07/09 15:15	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		12/07/09 15:15	127-18-4	
Toluene	ND	ug/kg	4.1	1		12/07/09 15:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1		12/07/09 15:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		12/07/09 15:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		12/07/09 15:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		12/07/09 15:15	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		12/07/09 15:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		12/07/09 15:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1		12/07/09 15:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		12/07/09 15:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		12/07/09 15:15	108-67-8	
Vinyl acetate	ND	ug/kg	40.9	1		12/07/09 15:15	108-05-4	
Vinyl chloride	ND	ug/kg	8.2	1		12/07/09 15:15	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	1		12/07/09 15:15	1330-20-7	
m&p-Xylene	ND	ug/kg	8.2	1		12/07/09 15:15	1330-20-7	
o-Xylene	ND	ug/kg	4.1	1		12/07/09 15:15	95-47-6	
Dibromofluoromethane (S)	103 %		79-116	1		12/07/09 15:15	1868-53-7	
Toluene-d8 (S)	101 %		88-110	1		12/07/09 15:15	2037-26-5	
4-Bromofluorobenzene (S)	96 %		74-115	1		12/07/09 15:15	460-00-4	
1,2-Dichloroethane-d4 (S)	115 %		69-121	1		12/07/09 15:15	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	14.2 %	0.10	1	12/08/09 08:54
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Date: 12/17/2009 07:26 PM

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-3 Lab ID: 9258915003 Collected: 12/03/09 08:40 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.8	1	12/07/09 12:01	12/09/09 11:25	68334-30-5	
n-Pentacosane (S)	58 %		50-135	1	12/07/09 12:01	12/09/09 11:25	629-99-2	
MADEP EPH NC Soil								
Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 01:16		
Aliphatic (C19-C36)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 01:16		
Aromatic (C11-C22)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 01:16		
Nonatriacontane (S)	81 %		40-140	1	12/07/09 15:55	12/14/09 01:16	7194-86-7	
o-Terphenyl (S)	101 %		40-140	1	12/07/09 15:55	12/14/09 01:16	84-15-1	
2-Fluorobiphenyl (S)	114 %		40-140	1	12/07/09 15:55	12/14/09 01:16	321-60-8	
2-Bromonaphthalene (S)	113 %		40-140	1	12/07/09 15:55	12/14/09 01:16	580-13-2	
Gasoline Range Organics								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		6.1	1	12/10/09 04:41	12/11/09 01:42	8006-61-9	
4-Bromofluorobenzene (S)	78 %		50-135	1	12/10/09 04:41	12/11/09 01:42	460-00-4	
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		13.3	1	12/10/09 04:44	12/10/09 21:11		
Aliphatic (C09-C12)	ND mg/kg		13.3	1	12/10/09 04:44	12/10/09 21:11		
Aromatic (C09-C10)	ND mg/kg		13.3	1	12/10/09 04:44	12/10/09 21:11		
2,5-Dibromotoluene (PID)(S)	122 %		70-130	1	12/10/09 04:44	12/10/09 21:11		
2,5-Dibromotoluene (FID)(S)	109 %		70-130	1	12/10/09 04:44	12/10/09 21:11		
8270 MSSV Full List Microwave								
Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/09/09 18:25	12/14/09 23:35	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/14/09 23:35	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/09/09 18:25	12/14/09 23:35	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-3 Lab ID: 9258915003 Collected: 12/03/09 08:40 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	666	1	12/09/09 18:25	12/14/09 23:35	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	120-83-2	
Diethylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	105-67-9	
Dimethylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	131-11-3	
Di-n-butylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	666	1	12/09/09 18:25	12/14/09 23:35	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	666	1	12/09/09 18:25	12/14/09 23:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	606-20-2	
Di-n-octylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	117-81-7	
Fluoranthene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	206-44-0	
Fluorene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	87-68-3	
Hexachlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	666	1	12/09/09 18:25	12/14/09 23:35	77-47-4	
Hexachloroethane	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	193-39-5	
Isophorone	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35		
Naphthalene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	91-20-3	
2-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	88-74-4	
3-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	99-09-2	
4-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	100-01-6	
Nitrobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	98-95-3	
2-Nitrophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	88-75-5	
4-Nitrophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	100-02-7	L1
N-Nitrosodimethylamine	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	86-30-6	
Pentachlorophenol	ND	ug/kg	666	1	12/09/09 18:25	12/14/09 23:35	87-86-5	
Phenanthrene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	85-01-8	
Phenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	108-95-2	
Pyrene	ND	ug/kg	32.8	1	12/09/09 18:25	12/14/09 23:35	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 23:35	88-06-2	
Nitrobenzene-d5 (S)	72 %		10-110	1	12/09/09 18:25	12/14/09 23:35	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-3 Lab ID: 9258915003 Collected: 12/03/09 08:40 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	75 %		18-110	1	12/09/09 18:25	12/14/09 23:35	321-60-8	
Terphenyl-d14 (S)	93 %		10-123	1	12/09/09 18:25	12/14/09 23:35	1718-51-0	
Phenol-d6 (S)	59 %		10-110	1	12/09/09 18:25	12/14/09 23:35	13127-88-3	
2-Fluorophenol (S)	62 %		18-110	1	12/09/09 18:25	12/14/09 23:35	367-12-4	
2,4,6-Tribromophenol (S)	91 %		10-110	1	12/09/09 18:25	12/14/09 23:35	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		124	1		12/07/09 15:33	67-64-1	
Benzene	ND ug/kg		6.2	1		12/07/09 15:33	71-43-2	
Bromobenzene	ND ug/kg		6.2	1		12/07/09 15:33	108-86-1	
Bromochloromethane	ND ug/kg		6.2	1		12/07/09 15:33	74-97-5	
Bromodichloromethane	ND ug/kg		6.2	1		12/07/09 15:33	75-27-4	
Bromoform	ND ug/kg		6.2	1		12/07/09 15:33	75-25-2	
Bromomethane	ND ug/kg		12.4	1		12/07/09 15:33	74-83-9	
2-Butanone (MEK)	ND ug/kg		124	1		12/07/09 15:33	78-93-3	
n-Butylbenzene	ND ug/kg		6.2	1		12/07/09 15:33	104-51-8	
sec-Butylbenzene	ND ug/kg		6.2	1		12/07/09 15:33	135-98-8	
tert-Butylbenzene	ND ug/kg		6.2	1		12/07/09 15:33	98-06-6	
Carbon tetrachloride	ND ug/kg		6.2	1		12/07/09 15:33	56-23-5	
Chlorobenzene	ND ug/kg		6.2	1		12/07/09 15:33	108-90-7	
Chloroethane	ND ug/kg		12.4	1		12/07/09 15:33	75-00-3	
Chloroform	ND ug/kg		6.2	1		12/07/09 15:33	67-66-3	
Chloromethane	ND ug/kg		12.4	1		12/07/09 15:33	74-87-3	
2-Chlorotoluene	ND ug/kg		6.2	1		12/07/09 15:33	95-49-8	
4-Chlorotoluene	ND ug/kg		6.2	1		12/07/09 15:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		6.2	1		12/07/09 15:33	96-12-8	
Dibromochloromethane	ND ug/kg		6.2	1		12/07/09 15:33	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		6.2	1		12/07/09 15:33	106-93-4	
Dibromomethane	ND ug/kg		6.2	1		12/07/09 15:33	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		6.2	1		12/07/09 15:33	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		6.2	1		12/07/09 15:33	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		6.2	1		12/07/09 15:33	106-46-7	
Dichlorodifluoromethane	ND ug/kg		12.4	1		12/07/09 15:33	75-71-8	
1,1-Dichloroethane	ND ug/kg		6.2	1		12/07/09 15:33	75-34-3	
1,2-Dichloroethane	ND ug/kg		6.2	1		12/07/09 15:33	107-06-2	
1,1-Dichloroethene	ND ug/kg		6.2	1		12/07/09 15:33	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		6.2	1		12/07/09 15:33	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		6.2	1		12/07/09 15:33	156-60-5	
1,2-Dichloropropane	ND ug/kg		6.2	1		12/07/09 15:33	78-87-5	
1,3-Dichloropropane	ND ug/kg		6.2	1		12/07/09 15:33	142-28-9	
2,2-Dichloropropane	ND ug/kg		6.2	1		12/07/09 15:33	594-20-7	
1,1-Dichloropropene	ND ug/kg		6.2	1		12/07/09 15:33	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		6.2	1		12/07/09 15:33	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		6.2	1		12/07/09 15:33	10061-02-6	
Diisopropyl ether	ND ug/kg		6.2	1		12/07/09 15:33	108-20-3	
Ethylbenzene	ND ug/kg		6.2	1		12/07/09 15:33	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-3 Lab ID: 9258915003 Collected: 12/03/09 08:40 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	6.2	1		12/07/09 15:33	87-68-3	
2-Hexanone	ND	ug/kg	62.1	1		12/07/09 15:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	1		12/07/09 15:33	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	1		12/07/09 15:33	99-87-6	
Methylene Chloride	ND	ug/kg	24.8	1		12/07/09 15:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	62.1	1		12/07/09 15:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	1		12/07/09 15:33	1634-04-4	
Naphthalene	ND	ug/kg	6.2	1		12/07/09 15:33	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	1		12/07/09 15:33	103-65-1	
Styrene	ND	ug/kg	6.2	1		12/07/09 15:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	1		12/07/09 15:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1		12/07/09 15:33	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	1		12/07/09 15:33	127-18-4	
Toluene	ND	ug/kg	6.2	1		12/07/09 15:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	1		12/07/09 15:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	1		12/07/09 15:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	1		12/07/09 15:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	1		12/07/09 15:33	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1		12/07/09 15:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	1		12/07/09 15:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	1		12/07/09 15:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.2	1		12/07/09 15:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	1		12/07/09 15:33	108-67-8	
Vinyl acetate	ND	ug/kg	62.1	1		12/07/09 15:33	108-05-4	
Vinyl chloride	ND	ug/kg	12.4	1		12/07/09 15:33	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	1		12/07/09 15:33	1330-20-7	
m&p-Xylene	ND	ug/kg	12.4	1		12/07/09 15:33	1330-20-7	
o-Xylene	ND	ug/kg	6.2	1		12/07/09 15:33	95-47-6	
Dibromofluoromethane (S)	109 %		79-116	1		12/07/09 15:33	1868-53-7	
Toluene-d8 (S)	101 %		88-110	1		12/07/09 15:33	2037-26-5	
4-Bromofluorobenzene (S)	97 %		74-115	1		12/07/09 15:33	460-00-4	
1,2-Dichloroethane-d4 (S)	128 %		69-121	1		12/07/09 15:33	17060-07-0	S3

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	13.3 %	0.10	1	12/08/09 08:54
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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-4 **Lab ID:** 9258915004 **Collected:** 12/03/09 08:55 **Received:** 12/05/09 09:15 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.9	1	12/07/09 12:01	12/09/09 11:25	68334-30-5	
n-Pentacosane (S)	82 %		50-135	1	12/07/09 12:01	12/09/09 11:25	629-99-2	
MADEP EPH NC Soil								
Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.7	1	12/07/09 15:55	12/14/09 01:49		
Aliphatic (C19-C36)	ND mg/kg		11.7	1	12/07/09 15:55	12/14/09 01:49		
Aromatic (C11-C22)	ND mg/kg		11.7	1	12/07/09 15:55	12/14/09 01:49		
Nonatriacontane (S)	66 %		40-140	1	12/07/09 15:55	12/14/09 01:49	7194-86-7	
o-Terphenyl (S)	92 %		40-140	1	12/07/09 15:55	12/14/09 01:49	84-15-1	
2-Fluorobiphenyl (S)	110 %		40-140	1	12/07/09 15:55	12/14/09 01:49	321-60-8	
2-Bromonaphthalene (S)	111 %		40-140	1	12/07/09 15:55	12/14/09 01:49	580-13-2	
Gasoline Range Organics								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.1	1	12/10/09 04:41	12/11/09 02:06	8006-61-9	
4-Bromofluorobenzene (S)	137 %		50-135	1	12/10/09 04:41	12/11/09 02:06	460-00-4	S3
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		8.4	1	12/10/09 04:44	12/10/09 21:36		
Aliphatic (C09-C12)	ND mg/kg		8.4	1	12/10/09 04:44	12/10/09 21:36		
Aromatic (C09-C10)	ND mg/kg		8.4	1	12/10/09 04:44	12/10/09 21:36		
2,5-Dibromotoluene (PID)(S)	110 %		70-130	1	12/10/09 04:44	12/10/09 21:36		
2,5-Dibromotoluene (FID)(S)	95 %		70-130	1	12/10/09 04:44	12/10/09 21:36		
8270 MSSV Full List Microwave								
Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	83-32-9	
Acenaphthylene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	208-96-8	
Anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		668	1	12/09/09 18:25	12/14/09 00:01	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	7005-72-3	
Chrysene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/14/09 00:01	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/09/09 18:25	12/14/09 00:01	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-4 Lab ID: 9258915004 Collected: 12/03/09 08:55 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	668	1	12/09/09 18:25	12/14/09 00:01	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	120-83-2	
Diethylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	105-67-9	
Dimethylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	131-11-3	
Di-n-butylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	668	1	12/09/09 18:25	12/14/09 00:01	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	668	1	12/09/09 18:25	12/14/09 00:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	606-20-2	
Di-n-octylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	117-81-7	
Fluoranthene	ND	ug/kg	32.9	1	12/09/09 18:25	12/14/09 00:01	206-44-0	
Fluorene	ND	ug/kg	32.9	1	12/09/09 18:25	12/14/09 00:01	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	87-68-3	
Hexachlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	668	1	12/09/09 18:25	12/14/09 00:01	77-47-4	
Hexachloroethane	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.9	1	12/09/09 18:25	12/14/09 00:01	193-39-5	
Isophorone	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.9	1	12/09/09 18:25	12/14/09 00:01	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.9	1	12/09/09 18:25	12/14/09 00:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01		
Naphthalene	ND	ug/kg	32.9	1	12/09/09 18:25	12/14/09 00:01	91-20-3	
2-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	88-74-4	
3-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	99-09-2	
4-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	100-01-6	
Nitrobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	98-95-3	
2-Nitrophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	88-75-5	
4-Nitrophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	100-02-7	L1
N-Nitrosodimethylamine	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	86-30-6	
Pentachlorophenol	ND	ug/kg	668	1	12/09/09 18:25	12/14/09 00:01	87-86-5	
Phenanthrene	ND	ug/kg	32.9	1	12/09/09 18:25	12/14/09 00:01	85-01-8	
Phenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	108-95-2	
Pyrene	ND	ug/kg	32.9	1	12/09/09 18:25	12/14/09 00:01	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/14/09 00:01	88-06-2	
Nitrobenzene-d5 (S)	69 %		10-110	1	12/09/09 18:25	12/14/09 00:01	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-4 Lab ID: 9258915004 Collected: 12/03/09 08:55 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	81 %		18-110	1	12/09/09 18:25	12/14/09 00:01	321-60-8	
Terphenyl-d14 (S)	94 %		10-123	1	12/09/09 18:25	12/14/09 00:01	1718-51-0	
Phenol-d6 (S)	57 %		10-110	1	12/09/09 18:25	12/14/09 00:01	13127-88-3	
2-Fluorophenol (S)	62 %		18-110	1	12/09/09 18:25	12/14/09 00:01	367-12-4	
2,4,6-Tribromophenol (S)	89 %		10-110	1	12/09/09 18:25	12/14/09 00:01	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND ug/kg		78.7	1		12/07/09 15:51	67-64-1	
Benzene	ND ug/kg		3.9	1		12/07/09 15:51	71-43-2	
Bromobenzene	ND ug/kg		3.9	1		12/07/09 15:51	108-86-1	
Bromochloromethane	ND ug/kg		3.9	1		12/07/09 15:51	74-97-5	
Bromodichloromethane	ND ug/kg		3.9	1		12/07/09 15:51	75-27-4	
Bromoform	ND ug/kg		3.9	1		12/07/09 15:51	75-25-2	
Bromomethane	ND ug/kg		7.9	1		12/07/09 15:51	74-83-9	
2-Butanone (MEK)	ND ug/kg		78.7	1		12/07/09 15:51	78-93-3	
n-Butylbenzene	ND ug/kg		3.9	1		12/07/09 15:51	104-51-8	
sec-Butylbenzene	ND ug/kg		3.9	1		12/07/09 15:51	135-98-8	
tert-Butylbenzene	ND ug/kg		3.9	1		12/07/09 15:51	98-06-6	
Carbon tetrachloride	ND ug/kg		3.9	1		12/07/09 15:51	56-23-5	
Chlorobenzene	ND ug/kg		3.9	1		12/07/09 15:51	108-90-7	
Chloroethane	ND ug/kg		7.9	1		12/07/09 15:51	75-00-3	
Chloroform	ND ug/kg		3.9	1		12/07/09 15:51	67-66-3	
Chloromethane	ND ug/kg		7.9	1		12/07/09 15:51	74-87-3	
2-Chlorotoluene	ND ug/kg		3.9	1		12/07/09 15:51	95-49-8	
4-Chlorotoluene	ND ug/kg		3.9	1		12/07/09 15:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		3.9	1		12/07/09 15:51	96-12-8	
Dibromochloromethane	ND ug/kg		3.9	1		12/07/09 15:51	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		3.9	1		12/07/09 15:51	106-93-4	
Dibromomethane	ND ug/kg		3.9	1		12/07/09 15:51	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		3.9	1		12/07/09 15:51	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		3.9	1		12/07/09 15:51	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		3.9	1		12/07/09 15:51	106-46-7	
Dichlorodifluoromethane	ND ug/kg		7.9	1		12/07/09 15:51	75-71-8	
1,1-Dichloroethane	ND ug/kg		3.9	1		12/07/09 15:51	75-34-3	
1,2-Dichloroethane	ND ug/kg		3.9	1		12/07/09 15:51	107-06-2	
1,1-Dichloroethene	ND ug/kg		3.9	1		12/07/09 15:51	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		3.9	1		12/07/09 15:51	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		3.9	1		12/07/09 15:51	156-60-5	
1,2-Dichloropropane	ND ug/kg		3.9	1		12/07/09 15:51	78-87-5	
1,3-Dichloropropane	ND ug/kg		3.9	1		12/07/09 15:51	142-28-9	
2,2-Dichloropropane	ND ug/kg		3.9	1		12/07/09 15:51	594-20-7	
1,1-Dichloropropene	ND ug/kg		3.9	1		12/07/09 15:51	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		3.9	1		12/07/09 15:51	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		3.9	1		12/07/09 15:51	10061-02-6	
Diisopropyl ether	ND ug/kg		3.9	1		12/07/09 15:51	108-20-3	
Ethylbenzene	ND ug/kg		3.9	1		12/07/09 15:51	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-4 Lab ID: 9258915004 Collected: 12/03/09 08:55 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	1		12/07/09 15:51	87-68-3	
2-Hexanone	ND	ug/kg	39.4	1		12/07/09 15:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1		12/07/09 15:51	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1		12/07/09 15:51	99-87-6	
Methylene Chloride	ND	ug/kg	15.7	1		12/07/09 15:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	39.4	1		12/07/09 15:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1		12/07/09 15:51	1634-04-4	
Naphthalene	ND	ug/kg	3.9	1		12/07/09 15:51	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1		12/07/09 15:51	103-65-1	
Styrene	ND	ug/kg	3.9	1		12/07/09 15:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	1		12/07/09 15:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1		12/07/09 15:51	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1		12/07/09 15:51	127-18-4	
Toluene	ND	ug/kg	3.9	1		12/07/09 15:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	1		12/07/09 15:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1		12/07/09 15:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1		12/07/09 15:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1		12/07/09 15:51	79-00-5	
Trichloroethene	ND	ug/kg	3.9	1		12/07/09 15:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	1		12/07/09 15:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.9	1		12/07/09 15:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1		12/07/09 15:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1		12/07/09 15:51	108-67-8	
Vinyl acetate	ND	ug/kg	39.4	1		12/07/09 15:51	108-05-4	
Vinyl chloride	ND	ug/kg	7.9	1		12/07/09 15:51	75-01-4	
Xylene (Total)	ND	ug/kg	7.9	1		12/07/09 15:51	1330-20-7	
m&p-Xylene	ND	ug/kg	7.9	1		12/07/09 15:51	1330-20-7	
o-Xylene	ND	ug/kg	3.9	1		12/07/09 15:51	95-47-6	
Dibromofluoromethane (S)	99	%	79-116	1		12/07/09 15:51	1868-53-7	
Toluene-d8 (S)	101	%	88-110	1		12/07/09 15:51	2037-26-5	
4-Bromofluorobenzene (S)	97	%	74-115	1		12/07/09 15:51	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	69-121	1		12/07/09 15:51	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	14.9 %	0.10	1	12/08/09 08:55
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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-B-8 Lab ID: 9258915005 Collected: 12/03/09 09:25 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.7	1	12/07/09 12:01	12/09/09 11:54	68334-30-5	
n-Pentacosane (S)	73 %		50-135	1	12/07/09 12:01	12/09/09 11:54	629-99-2	
MADEP EPH NC Soil								
Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 02:23		
Aliphatic (C19-C36)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 02:23		
Aromatic (C11-C22)	ND mg/kg		11.5	1	12/07/09 15:55	12/14/09 02:23		
Nonatriacontane (S)	72 %		40-140	1	12/07/09 15:55	12/14/09 02:23	7194-86-7	
o-Terphenyl (S)	96 %		40-140	1	12/07/09 15:55	12/14/09 02:23	84-15-1	
2-Fluorobiphenyl (S)	114 %		40-140	1	12/07/09 15:55	12/14/09 02:23	321-60-8	
2-Bromonaphthalene (S)	116 %		40-140	1	12/07/09 15:55	12/14/09 02:23	580-13-2	
Gasoline Range Organics								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.7	1	12/10/09 04:41	12/11/09 02:31	8006-61-9	
4-Bromofluorobenzene (S)	51 %		50-135	1	12/10/09 04:41	12/11/09 02:31	460-00-4	
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		13.7	1	12/10/09 04:44	12/10/09 22:00		
Aliphatic (C09-C12)	ND mg/kg		13.7	1	12/10/09 04:44	12/10/09 22:00		
Aromatic (C09-C10)	ND mg/kg		13.7	1	12/10/09 04:44	12/10/09 22:00		
2,5-Dibromotoluene (PID)(S)	118 %		70-130	1	12/10/09 04:44	12/10/09 22:00		
2,5-Dibromotoluene (FID)(S)	103 %		70-130	1	12/10/09 04:44	12/10/09 22:00		
8270 MSSV Full List Microwave								
Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	83-32-9	
Acenaphthylene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	208-96-8	
Anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	120-12-7	
Benzo(a)anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	56-55-3	
Benzo(a)pyrene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	101-55-3	
Butylbenzylphthalate	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		670	1	12/09/09 18:25	12/15/09 00:27	59-50-7	
4-Chloroaniline	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	108-60-1	
2-Chloronaphthalene	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	91-58-7	
2-Chlorophenol	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	7005-72-3	
Chrysene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 00:27	53-70-3	
Dibenzofuran	ND ug/kg		170	1	12/09/09 18:25	12/15/09 00:27	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-B-8 Lab ID: 9258915005 Collected: 12/03/09 09:25 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 00:27	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	120-83-2	
Diethylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	105-67-9	
Dimethylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 00:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 00:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	117-81-7	
Fluoranthene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 00:27	206-44-0	
Fluorene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 00:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 00:27	77-47-4	
Hexachloroethane	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 00:27	193-39-5	
Isophorone	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	78-59-1	
1-Methylnaphthalene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 00:27	90-12-0	
2-Methylnaphthalene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 00:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27		
Naphthalene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 00:27	91-20-3	
2-Nitroaniline	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	88-74-4	
3-Nitroaniline	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	99-09-2	
4-Nitroaniline	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	100-01-6	
Nitrobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	98-95-3	
2-Nitrophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	88-75-5	
4-Nitrophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	100-02-7	L1
N-Nitrosodimethylamine	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	86-30-6	
Pentachlorophenol	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 00:27	87-86-5	
Phenanthrene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 00:27	85-01-8	
Phenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	108-95-2	
Pyrene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 00:27	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 00:27	88-06-2	
Nitrobenzene-d5 (S)	62 %		10-110	1	12/09/09 18:25	12/15/09 00:27	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2007-B-8 Lab ID: 9258915005 Collected: 12/03/09 09:25 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	72 %		18-110	1	12/09/09 18:25	12/15/09 00:27	321-60-8	
Terphenyl-d14 (S)	92 %		10-123	1	12/09/09 18:25	12/15/09 00:27	1718-51-0	
Phenol-d6 (S)	57 %		10-110	1	12/09/09 18:25	12/15/09 00:27	13127-88-3	
2-Fluorophenol (S)	59 %		18-110	1	12/09/09 18:25	12/15/09 00:27	367-12-4	
2,4,6-Tribromophenol (S)	86 %		10-110	1	12/09/09 18:25	12/15/09 00:27	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND ug/kg		88.8	1		12/07/09 16:09	67-64-1	
Benzene	ND ug/kg		4.4	1		12/07/09 16:09	71-43-2	
Bromobenzene	ND ug/kg		4.4	1		12/07/09 16:09	108-86-1	
Bromochloromethane	ND ug/kg		4.4	1		12/07/09 16:09	74-97-5	
Bromodichloromethane	ND ug/kg		4.4	1		12/07/09 16:09	75-27-4	
Bromoform	ND ug/kg		4.4	1		12/07/09 16:09	75-25-2	
Bromomethane	ND ug/kg		8.9	1		12/07/09 16:09	74-83-9	
2-Butanone (MEK)	ND ug/kg		88.8	1		12/07/09 16:09	78-93-3	
n-Butylbenzene	ND ug/kg		4.4	1		12/07/09 16:09	104-51-8	
sec-Butylbenzene	ND ug/kg		4.4	1		12/07/09 16:09	135-98-8	
tert-Butylbenzene	ND ug/kg		4.4	1		12/07/09 16:09	98-06-6	
Carbon tetrachloride	ND ug/kg		4.4	1		12/07/09 16:09	56-23-5	
Chlorobenzene	ND ug/kg		4.4	1		12/07/09 16:09	108-90-7	
Chloroethane	ND ug/kg		8.9	1		12/07/09 16:09	75-00-3	
Chloroform	ND ug/kg		4.4	1		12/07/09 16:09	67-66-3	
Chloromethane	ND ug/kg		8.9	1		12/07/09 16:09	74-87-3	
2-Chlorotoluene	ND ug/kg		4.4	1		12/07/09 16:09	95-49-8	
4-Chlorotoluene	ND ug/kg		4.4	1		12/07/09 16:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.4	1		12/07/09 16:09	96-12-8	
Dibromochloromethane	ND ug/kg		4.4	1		12/07/09 16:09	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.4	1		12/07/09 16:09	106-93-4	
Dibromomethane	ND ug/kg		4.4	1		12/07/09 16:09	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.4	1		12/07/09 16:09	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.4	1		12/07/09 16:09	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.4	1		12/07/09 16:09	106-46-7	
Dichlorodifluoromethane	ND ug/kg		8.9	1		12/07/09 16:09	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.4	1		12/07/09 16:09	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.4	1		12/07/09 16:09	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.4	1		12/07/09 16:09	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.4	1		12/07/09 16:09	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.4	1		12/07/09 16:09	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.4	1		12/07/09 16:09	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.4	1		12/07/09 16:09	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.4	1		12/07/09 16:09	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.4	1		12/07/09 16:09	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.4	1		12/07/09 16:09	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.4	1		12/07/09 16:09	10061-02-6	
Diisopropyl ether	ND ug/kg		4.4	1		12/07/09 16:09	108-20-3	
Ethylbenzene	ND ug/kg		4.4	1		12/07/09 16:09	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2007-B-8 Lab ID: 9258915005 Collected: 12/03/09 09:25 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		12/07/09 16:09	87-68-3	
2-Hexanone	ND	ug/kg	44.4	1		12/07/09 16:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		12/07/09 16:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		12/07/09 16:09	99-87-6	
Methylene Chloride	ND	ug/kg	17.8	1		12/07/09 16:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	44.4	1		12/07/09 16:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		12/07/09 16:09	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		12/07/09 16:09	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		12/07/09 16:09	103-65-1	
Styrene	ND	ug/kg	4.4	1		12/07/09 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/07/09 16:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		12/07/09 16:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		12/07/09 16:09	127-18-4	
Toluene	ND	ug/kg	4.4	1		12/07/09 16:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		12/07/09 16:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		12/07/09 16:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		12/07/09 16:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		12/07/09 16:09	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		12/07/09 16:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		12/07/09 16:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		12/07/09 16:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		12/07/09 16:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		12/07/09 16:09	108-67-8	
Vinyl acetate	ND	ug/kg	44.4	1		12/07/09 16:09	108-05-4	
Vinyl chloride	ND	ug/kg	8.9	1		12/07/09 16:09	75-01-4	
Xylene (Total)	ND	ug/kg	8.9	1		12/07/09 16:09	1330-20-7	
m&p-Xylene	ND	ug/kg	8.9	1		12/07/09 16:09	1330-20-7	
o-Xylene	ND	ug/kg	4.4	1		12/07/09 16:09	95-47-6	
Dibromofluoromethane (S)	100 %		79-116	1		12/07/09 16:09	1868-53-7	
Toluene-d8 (S)	100 %		88-110	1		12/07/09 16:09	2037-26-5	
4-Bromofluorobenzene (S)	96 %		74-115	1		12/07/09 16:09	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		69-121	1		12/07/09 16:09	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	13.0 %	0.10	1	12/08/09 08:55
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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-1 Lab ID: 9258915006 Collected: 12/03/09 13:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.2	1	12/07/09 12:01	12/09/09 11:54	68334-30-5	
n-Pentacosane (S)	86 %		50-135	1	12/07/09 12:01	12/09/09 11:54	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.4	1	12/07/09 15:55	12/14/09 02:56		
Aliphatic (C19-C36)	ND mg/kg		12.4	1	12/07/09 15:55	12/14/09 02:56		
Aromatic (C11-C22)	ND mg/kg		12.4	1	12/07/09 15:55	12/14/09 02:56		
Nonatriacontane (S)	51 %		40-140	1	12/07/09 15:55	12/14/09 02:56	7194-86-7	
o-Terphenyl (S)	91 %		40-140	1	12/07/09 15:55	12/14/09 02:56	84-15-1	
2-Fluorobiphenyl (S)	112 %		40-140	1	12/07/09 15:55	12/14/09 02:56	321-60-8	
2-Bromonaphthalene (S)	114 %		40-140	1	12/07/09 15:55	12/14/09 02:56	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.6	1	12/10/09 04:41	12/11/09 02:55	8006-61-9	
4-Bromofluorobenzene (S)	124 %		50-135	1	12/10/09 04:41	12/11/09 02:55	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.5	1	12/10/09 04:44	12/10/09 22:24		
Aliphatic (C09-C12)	ND mg/kg		9.5	1	12/10/09 04:44	12/10/09 22:24		
Aromatic (C09-C10)	ND mg/kg		9.5	1	12/10/09 04:44	12/10/09 22:24		
2,5-Dibromotoluene (PID)(S)	141 %		70-130	1	12/10/09 04:44	12/10/09 22:24		S3
2,5-Dibromotoluene (FID)(S)	121 %		70-130	1	12/10/09 04:44	12/10/09 22:24		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/09/09 18:25	12/15/09 00:53	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 00:53	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/09/09 18:25	12/15/09 00:53	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-1 Lab ID: 9258915006 Collected: 12/03/09 13:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	666	1	12/09/09 18:25	12/15/09 00:53	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	120-83-2	
Diethylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	105-67-9	
Dimethylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	666	1	12/09/09 18:25	12/15/09 00:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	666	1	12/09/09 18:25	12/15/09 00:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	117-81-7	
Fluoranthene	ND	ug/kg	32.8	1	12/09/09 18:25	12/15/09 00:53	206-44-0	
Fluorene	ND	ug/kg	32.8	1	12/09/09 18:25	12/15/09 00:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	87-68-3	
Hexachlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	666	1	12/09/09 18:25	12/15/09 00:53	77-47-4	
Hexachloroethane	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.8	1	12/09/09 18:25	12/15/09 00:53	193-39-5	
Isophorone	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.8	1	12/09/09 18:25	12/15/09 00:53	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.8	1	12/09/09 18:25	12/15/09 00:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53		
Naphthalene	ND	ug/kg	32.8	1	12/09/09 18:25	12/15/09 00:53	91-20-3	
2-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	88-74-4	
3-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	99-09-2	
4-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	100-01-6	
Nitrobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	98-95-3	
2-Nitrophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	88-75-5	
4-Nitrophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	100-02-7	L1
N-Nitrosodimethylamine	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	86-30-6	
Pentachlorophenol	ND	ug/kg	666	1	12/09/09 18:25	12/15/09 00:53	87-86-5	
Phenanthrene	ND	ug/kg	32.8	1	12/09/09 18:25	12/15/09 00:53	85-01-8	
Phenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	108-95-2	
Pyrene	ND	ug/kg	32.8	1	12/09/09 18:25	12/15/09 00:53	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 00:53	88-06-2	
Nitrobenzene-d5 (S)	61 %		10-110	1	12/09/09 18:25	12/15/09 00:53	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-1 Lab ID: 9258915006 Collected: 12/03/09 13:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	68 %		18-110	1	12/09/09 18:25	12/15/09 00:53	321-60-8	
Terphenyl-d14 (S)	86 %		10-123	1	12/09/09 18:25	12/15/09 00:53	1718-51-0	
Phenol-d6 (S)	50 %		10-110	1	12/09/09 18:25	12/15/09 00:53	13127-88-3	
2-Fluorophenol (S)	53 %		18-110	1	12/09/09 18:25	12/15/09 00:53	367-12-4	
2,4,6-Tribromophenol (S)	79 %		10-110	1	12/09/09 18:25	12/15/09 00:53	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND ug/kg		86.0	1		12/07/09 16:28	67-64-1	
Benzene	ND ug/kg		4.3	1		12/07/09 16:28	71-43-2	
Bromobenzene	ND ug/kg		4.3	1		12/07/09 16:28	108-86-1	
Bromochloromethane	ND ug/kg		4.3	1		12/07/09 16:28	74-97-5	
Bromodichloromethane	ND ug/kg		4.3	1		12/07/09 16:28	75-27-4	
Bromoform	ND ug/kg		4.3	1		12/07/09 16:28	75-25-2	
Bromomethane	ND ug/kg		8.6	1		12/07/09 16:28	74-83-9	
2-Butanone (MEK)	ND ug/kg		86.0	1		12/07/09 16:28	78-93-3	
n-Butylbenzene	ND ug/kg		4.3	1		12/07/09 16:28	104-51-8	
sec-Butylbenzene	ND ug/kg		4.3	1		12/07/09 16:28	135-98-8	
tert-Butylbenzene	ND ug/kg		4.3	1		12/07/09 16:28	98-06-6	
Carbon tetrachloride	ND ug/kg		4.3	1		12/07/09 16:28	56-23-5	
Chlorobenzene	ND ug/kg		4.3	1		12/07/09 16:28	108-90-7	
Chloroethane	ND ug/kg		8.6	1		12/07/09 16:28	75-00-3	
Chloroform	ND ug/kg		4.3	1		12/07/09 16:28	67-66-3	
Chloromethane	ND ug/kg		8.6	1		12/07/09 16:28	74-87-3	
2-Chlorotoluene	ND ug/kg		4.3	1		12/07/09 16:28	95-49-8	
4-Chlorotoluene	ND ug/kg		4.3	1		12/07/09 16:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.3	1		12/07/09 16:28	96-12-8	
Dibromochloromethane	ND ug/kg		4.3	1		12/07/09 16:28	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.3	1		12/07/09 16:28	106-93-4	
Dibromomethane	ND ug/kg		4.3	1		12/07/09 16:28	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.3	1		12/07/09 16:28	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.3	1		12/07/09 16:28	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.3	1		12/07/09 16:28	106-46-7	
Dichlorodifluoromethane	ND ug/kg		8.6	1		12/07/09 16:28	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.3	1		12/07/09 16:28	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.3	1		12/07/09 16:28	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.3	1		12/07/09 16:28	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.3	1		12/07/09 16:28	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.3	1		12/07/09 16:28	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.3	1		12/07/09 16:28	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.3	1		12/07/09 16:28	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.3	1		12/07/09 16:28	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.3	1		12/07/09 16:28	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.3	1		12/07/09 16:28	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.3	1		12/07/09 16:28	10061-02-6	
Diisopropyl ether	ND ug/kg		4.3	1		12/07/09 16:28	108-20-3	
Ethylbenzene	ND ug/kg		4.3	1		12/07/09 16:28	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-1 Lab ID: 9258915006 Collected: 12/03/09 13:50 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		12/07/09 16:28	87-68-3	
2-Hexanone	ND	ug/kg	43.0	1		12/07/09 16:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		12/07/09 16:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		12/07/09 16:28	99-87-6	
Methylene Chloride	ND	ug/kg	17.2	1		12/07/09 16:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.0	1		12/07/09 16:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		12/07/09 16:28	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		12/07/09 16:28	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		12/07/09 16:28	103-65-1	
Styrene	ND	ug/kg	4.3	1		12/07/09 16:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		12/07/09 16:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		12/07/09 16:28	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		12/07/09 16:28	127-18-4	
Toluene	ND	ug/kg	4.3	1		12/07/09 16:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		12/07/09 16:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		12/07/09 16:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		12/07/09 16:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		12/07/09 16:28	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		12/07/09 16:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		12/07/09 16:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		12/07/09 16:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		12/07/09 16:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		12/07/09 16:28	108-67-8	
Vinyl acetate	ND	ug/kg	43.0	1		12/07/09 16:28	108-05-4	
Vinyl chloride	ND	ug/kg	8.6	1		12/07/09 16:28	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	1		12/07/09 16:28	1330-20-7	
m&p-Xylene	ND	ug/kg	8.6	1		12/07/09 16:28	1330-20-7	
o-Xylene	ND	ug/kg	4.3	1		12/07/09 16:28	95-47-6	
Dibromofluoromethane (S)	99 %		79-116	1		12/07/09 16:28	1868-53-7	
Toluene-d8 (S)	101 %		88-110	1		12/07/09 16:28	2037-26-5	
4-Bromofluorobenzene (S)	98 %		74-115	1		12/07/09 16:28	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		69-121	1		12/07/09 16:28	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	19.2 %	0.10	1	12/08/09 08:55
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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-2 Lab ID: 9258915007 Collected: 12/03/09 14:20 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.4	1	12/07/09 12:01	12/09/09 12:23	68334-30-5	
n-Pentacosane (S)	61 %		50-135	1	12/07/09 12:01	12/09/09 12:23	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.8	1	12/07/09 15:55	12/14/09 03:30		
Aliphatic (C19-C36)	ND mg/kg		12.8	1	12/07/09 15:55	12/14/09 03:30		
Aromatic (C11-C22)	ND mg/kg		12.8	1	12/07/09 15:55	12/14/09 03:30		
Nonatriacontane (S)	75 %		40-140	1	12/07/09 15:55	12/14/09 03:30	7194-86-7	
o-Terphenyl (S)	73 %		40-140	1	12/07/09 15:55	12/14/09 03:30	84-15-1	
2-Fluorobiphenyl (S)	98 %		40-140	1	12/07/09 15:55	12/14/09 03:30	321-60-8	
2-Bromonaphthalene (S)	105 %		40-140	1	12/07/09 15:55	12/14/09 03:30	580-13-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		6.3	1	12/10/09 04:41	12/11/09 03:20	8006-61-9	
4-Bromofluorobenzene (S)	94 %		50-135	1	12/10/09 04:41	12/11/09 03:20	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.2	1	12/10/09 04:44	12/10/09 22:49		
Aliphatic (C09-C12)	ND mg/kg		9.2	1	12/10/09 04:44	12/10/09 22:49		
Aromatic (C09-C10)	ND mg/kg		9.2	1	12/10/09 04:44	12/10/09 22:49		
2,5-Dibromotoluene (PID)(S)	154 %		70-130	1	12/10/09 04:44	12/10/09 22:49		S3
2,5-Dibromotoluene (FID)(S)	136 %		70-130	1	12/10/09 04:44	12/10/09 22:49		S3
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	83-32-9	
Acenaphthylene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	208-96-8	
Anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		666	1	12/09/09 18:25	12/15/09 01:19	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	7005-72-3	
Chrysene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-2 Lab ID: 9258915007 Collected: 12/03/09 14:20 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		666	1	12/09/09 18:25	12/15/09 01:19	91-94-1	
2,4-Dichlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	120-83-2	
Diethylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	84-66-2	
2,4-Dimethylphenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	105-67-9	
Dimethylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	131-11-3	
Di-n-butylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		666	1	12/09/09 18:25	12/15/09 01:19	534-52-1	
2,4-Dinitrophenol	ND ug/kg		666	1	12/09/09 18:25	12/15/09 01:19	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	606-20-2	
Di-n-octylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	117-84-0	
1,2-Diphenylhydrazine	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	122-66-7	
bis(2-Ethylhexyl)phthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	117-81-7	
Fluoranthene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	206-44-0	
Fluorene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	87-68-3	
Hexachlorobenzene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		666	1	12/09/09 18:25	12/15/09 01:19	77-47-4	
Hexachloroethane	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	193-39-5	
Isophorone	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	78-59-1	
1-Methylnaphthalene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	90-12-0	
2-Methylnaphthalene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19		
Naphthalene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	91-20-3	
2-Nitroaniline	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	88-74-4	
3-Nitroaniline	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	99-09-2	
4-Nitroaniline	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	100-01-6	
Nitrobenzene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	98-95-3	
2-Nitrophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	88-75-5	
4-Nitrophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	100-02-7	L1
N-Nitrosodimethylamine	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	621-64-7	
N-Nitrosodiphenylamine	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	86-30-6	
Pentachlorophenol	ND ug/kg		666	1	12/09/09 18:25	12/15/09 01:19	87-86-5	
Phenanthrene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	85-01-8	
Phenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	108-95-2	
Pyrene	ND ug/kg		32.8	1	12/09/09 18:25	12/15/09 01:19	129-00-0	
1,2,4-Trichlorobenzene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	120-82-1	
2,4,5-Trichlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	95-95-4	
2,4,6-Trichlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 01:19	88-06-2	
Nitrobenzene-d5 (S)	71 %		10-110	1	12/09/09 18:25	12/15/09 01:19	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-2 Lab ID: 9258915007 Collected: 12/03/09 14:20 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	78 %		18-110	1	12/09/09 18:25	12/15/09 01:19	321-60-8	
Terphenyl-d14 (S)	92 %		10-123	1	12/09/09 18:25	12/15/09 01:19	1718-51-0	
Phenol-d6 (S)	56 %		10-110	1	12/09/09 18:25	12/15/09 01:19	13127-88-3	
2-Fluorophenol (S)	57 %		18-110	1	12/09/09 18:25	12/15/09 01:19	367-12-4	
2,4,6-Tribromophenol (S)	85 %		10-110	1	12/09/09 18:25	12/15/09 01:19	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		100	1		12/07/09 16:46	67-64-1	
Benzene	ND ug/kg		5.0	1		12/07/09 16:46	71-43-2	
Bromobenzene	ND ug/kg		5.0	1		12/07/09 16:46	108-86-1	
Bromochloromethane	ND ug/kg		5.0	1		12/07/09 16:46	74-97-5	
Bromodichloromethane	ND ug/kg		5.0	1		12/07/09 16:46	75-27-4	
Bromoform	ND ug/kg		5.0	1		12/07/09 16:46	75-25-2	
Bromomethane	ND ug/kg		10.0	1		12/07/09 16:46	74-83-9	
2-Butanone (MEK)	ND ug/kg		100	1		12/07/09 16:46	78-93-3	
n-Butylbenzene	ND ug/kg		5.0	1		12/07/09 16:46	104-51-8	
sec-Butylbenzene	ND ug/kg		5.0	1		12/07/09 16:46	135-98-8	
tert-Butylbenzene	ND ug/kg		5.0	1		12/07/09 16:46	98-06-6	
Carbon tetrachloride	ND ug/kg		5.0	1		12/07/09 16:46	56-23-5	
Chlorobenzene	ND ug/kg		5.0	1		12/07/09 16:46	108-90-7	
Chloroethane	ND ug/kg		10.0	1		12/07/09 16:46	75-00-3	
Chloroform	ND ug/kg		5.0	1		12/07/09 16:46	67-66-3	
Chloromethane	ND ug/kg		10.0	1		12/07/09 16:46	74-87-3	
2-Chlorotoluene	ND ug/kg		5.0	1		12/07/09 16:46	95-49-8	
4-Chlorotoluene	ND ug/kg		5.0	1		12/07/09 16:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		5.0	1		12/07/09 16:46	96-12-8	
Dibromochloromethane	ND ug/kg		5.0	1		12/07/09 16:46	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		5.0	1		12/07/09 16:46	106-93-4	
Dibromomethane	ND ug/kg		5.0	1		12/07/09 16:46	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		5.0	1		12/07/09 16:46	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		5.0	1		12/07/09 16:46	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		5.0	1		12/07/09 16:46	106-46-7	
Dichlorodifluoromethane	ND ug/kg		10.0	1		12/07/09 16:46	75-71-8	
1,1-Dichloroethane	ND ug/kg		5.0	1		12/07/09 16:46	75-34-3	
1,2-Dichloroethane	ND ug/kg		5.0	1		12/07/09 16:46	107-06-2	
1,1-Dichloroethene	ND ug/kg		5.0	1		12/07/09 16:46	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		5.0	1		12/07/09 16:46	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		5.0	1		12/07/09 16:46	156-60-5	
1,2-Dichloropropane	ND ug/kg		5.0	1		12/07/09 16:46	78-87-5	
1,3-Dichloropropane	ND ug/kg		5.0	1		12/07/09 16:46	142-28-9	
2,2-Dichloropropane	ND ug/kg		5.0	1		12/07/09 16:46	594-20-7	
1,1-Dichloropropene	ND ug/kg		5.0	1		12/07/09 16:46	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		5.0	1		12/07/09 16:46	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		5.0	1		12/07/09 16:46	10061-02-6	
Diisopropyl ether	ND ug/kg		5.0	1		12/07/09 16:46	108-20-3	
Ethylbenzene	ND ug/kg		5.0	1		12/07/09 16:46	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-2 Lab ID: 9258915007 Collected: 12/03/09 14:20 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		12/07/09 16:46	87-68-3	
2-Hexanone	ND	ug/kg	50.2	1		12/07/09 16:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		12/07/09 16:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		12/07/09 16:46	99-87-6	
Methylene Chloride	ND	ug/kg	20.1	1		12/07/09 16:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.2	1		12/07/09 16:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		12/07/09 16:46	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		12/07/09 16:46	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		12/07/09 16:46	103-65-1	
Styrene	ND	ug/kg	5.0	1		12/07/09 16:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		12/07/09 16:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		12/07/09 16:46	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		12/07/09 16:46	127-18-4	
Toluene	ND	ug/kg	5.0	1		12/07/09 16:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		12/07/09 16:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		12/07/09 16:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		12/07/09 16:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		12/07/09 16:46	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		12/07/09 16:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		12/07/09 16:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		12/07/09 16:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		12/07/09 16:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		12/07/09 16:46	108-67-8	
Vinyl acetate	ND	ug/kg	50.2	1		12/07/09 16:46	108-05-4	
Vinyl chloride	ND	ug/kg	10.0	1		12/07/09 16:46	75-01-4	
Xylene (Total)	ND	ug/kg	10.0	1		12/07/09 16:46	1330-20-7	
m&p-Xylene	ND	ug/kg	10.0	1		12/07/09 16:46	1330-20-7	
o-Xylene	ND	ug/kg	5.0	1		12/07/09 16:46	95-47-6	
Dibromofluoromethane (S)	102 %		79-116	1		12/07/09 16:46	1868-53-7	
Toluene-d8 (S)	101 %		88-110	1		12/07/09 16:46	2037-26-5	
4-Bromofluorobenzene (S)	96 %		74-115	1		12/07/09 16:46	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		69-121	1		12/07/09 16:46	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	22.0 %	0.10	1	12/08/09 08:55
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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-3 **Lab ID:** 9258915008 **Collected:** 12/03/09 14:35 **Received:** 12/05/09 09:15 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.3	1	12/07/09 12:01	12/09/09 12:23	68334-30-5	
n-Pentacosane (S)	79 %		50-135	1	12/07/09 12:01	12/09/09 12:23	629-99-2	
MADEP EPH NC Soil								
Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.6	1	12/07/09 15:55	12/14/09 04:03		
Aliphatic (C19-C36)	ND mg/kg		12.6	1	12/07/09 15:55	12/14/09 04:03		
Aromatic (C11-C22)	ND mg/kg		12.6	1	12/07/09 15:55	12/14/09 04:03		
Nonatriacontane (S)	48 %		40-140	1	12/07/09 15:55	12/14/09 04:03	7194-86-7	
o-Terphenyl (S)	67 %		40-140	1	12/07/09 15:55	12/14/09 04:03	84-15-1	
2-Fluorobiphenyl (S)	106 %		40-140	1	12/07/09 15:55	12/14/09 04:03	321-60-8	
2-Bromonaphthalene (S)	108 %		40-140	1	12/07/09 15:55	12/14/09 04:03	580-13-2	
Gasoline Range Organics								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		5.9	1	12/10/09 04:41	12/11/09 03:44	8006-61-9	
4-Bromofluorobenzene (S)	146 %		50-135	1	12/10/09 04:41	12/11/09 03:44	460-00-4	S3
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.4	1	12/10/09 04:44	12/10/09 23:13		
Aliphatic (C09-C12)	ND mg/kg		9.4	1	12/10/09 04:44	12/10/09 23:13		
Aromatic (C09-C10)	ND mg/kg		9.4	1	12/10/09 04:44	12/10/09 23:13		
2,5-Dibromotoluene (PID)(S)	151 %		70-130	1	12/10/09 04:44	12/10/09 23:13		S3
2,5-Dibromotoluene (FID)(S)	128 %		70-130	1	12/10/09 04:44	12/10/09 23:13		
8270 MSSV Full List Microwave								
Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	83-32-9	
Acenaphthylene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	208-96-8	
Anthracene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	120-12-7	
Benzo(a)anthracene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	56-55-3	
Benzo(a)pyrene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	101-55-3	
Butylbenzylphthalate	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		674	1	12/09/09 18:25	12/15/09 01:45	59-50-7	
4-Chloroaniline	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	108-60-1	
2-Chloronaphthalene	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	91-58-7	
2-Chlorophenol	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	7005-72-3	
Chrysene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		33.2	1	12/09/09 18:25	12/15/09 01:45	53-70-3	
Dibenzofuran	ND ug/kg		171	1	12/09/09 18:25	12/15/09 01:45	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-3 Lab ID: 9258915008 Collected: 12/03/09 14:35 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	674	1	12/09/09 18:25	12/15/09 01:45	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	120-83-2	
Diethylphthalate	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	105-67-9	
Dimethylphthalate	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	131-11-3	
Di-n-butylphthalate	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	674	1	12/09/09 18:25	12/15/09 01:45	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	674	1	12/09/09 18:25	12/15/09 01:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	606-20-2	
Di-n-octylphthalate	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	117-81-7	
Fluoranthene	ND	ug/kg	33.2	1	12/09/09 18:25	12/15/09 01:45	206-44-0	
Fluorene	ND	ug/kg	33.2	1	12/09/09 18:25	12/15/09 01:45	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	87-68-3	
Hexachlorobenzene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	674	1	12/09/09 18:25	12/15/09 01:45	77-47-4	
Hexachloroethane	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	33.2	1	12/09/09 18:25	12/15/09 01:45	193-39-5	
Isophorone	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	78-59-1	
1-Methylnaphthalene	ND	ug/kg	33.2	1	12/09/09 18:25	12/15/09 01:45	90-12-0	
2-Methylnaphthalene	ND	ug/kg	33.2	1	12/09/09 18:25	12/15/09 01:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45		
Naphthalene	ND	ug/kg	33.2	1	12/09/09 18:25	12/15/09 01:45	91-20-3	
2-Nitroaniline	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	88-74-4	
3-Nitroaniline	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	99-09-2	
4-Nitroaniline	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	100-01-6	
Nitrobenzene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	98-95-3	
2-Nitrophenol	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	88-75-5	
4-Nitrophenol	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	100-02-7	L1
N-Nitrosodimethylamine	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	86-30-6	
Pentachlorophenol	ND	ug/kg	674	1	12/09/09 18:25	12/15/09 01:45	87-86-5	
Phenanthrene	ND	ug/kg	33.2	1	12/09/09 18:25	12/15/09 01:45	85-01-8	
Phenol	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	108-95-2	
Pyrene	ND	ug/kg	33.2	1	12/09/09 18:25	12/15/09 01:45	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	171	1	12/09/09 18:25	12/15/09 01:45	88-06-2	
Nitrobenzene-d5 (S)	70 %		10-110	1	12/09/09 18:25	12/15/09 01:45	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-3 Lab ID: 9258915008 Collected: 12/03/09 14:35 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	76 %		18-110	1	12/09/09 18:25	12/15/09 01:45	321-60-8	
Terphenyl-d14 (S)	93 %		10-123	1	12/09/09 18:25	12/15/09 01:45	1718-51-0	
Phenol-d6 (S)	60 %		10-110	1	12/09/09 18:25	12/15/09 01:45	13127-88-3	
2-Fluorophenol (S)	64 %		18-110	1	12/09/09 18:25	12/15/09 01:45	367-12-4	
2,4,6-Tribromophenol (S)	84 %		10-110	1	12/09/09 18:25	12/15/09 01:45	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		94.1	1		12/07/09 17:04	67-64-1	
Benzene	ND ug/kg		4.7	1		12/07/09 17:04	71-43-2	
Bromobenzene	ND ug/kg		4.7	1		12/07/09 17:04	108-86-1	
Bromochloromethane	ND ug/kg		4.7	1		12/07/09 17:04	74-97-5	
Bromodichloromethane	ND ug/kg		4.7	1		12/07/09 17:04	75-27-4	
Bromoform	ND ug/kg		4.7	1		12/07/09 17:04	75-25-2	
Bromomethane	ND ug/kg		9.4	1		12/07/09 17:04	74-83-9	
2-Butanone (MEK)	ND ug/kg		94.1	1		12/07/09 17:04	78-93-3	
n-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:04	104-51-8	
sec-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:04	135-98-8	
tert-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:04	98-06-6	
Carbon tetrachloride	ND ug/kg		4.7	1		12/07/09 17:04	56-23-5	
Chlorobenzene	ND ug/kg		4.7	1		12/07/09 17:04	108-90-7	
Chloroethane	ND ug/kg		9.4	1		12/07/09 17:04	75-00-3	
Chloroform	ND ug/kg		4.7	1		12/07/09 17:04	67-66-3	
Chloromethane	ND ug/kg		9.4	1		12/07/09 17:04	74-87-3	
2-Chlorotoluene	ND ug/kg		4.7	1		12/07/09 17:04	95-49-8	
4-Chlorotoluene	ND ug/kg		4.7	1		12/07/09 17:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.7	1		12/07/09 17:04	96-12-8	
Dibromochloromethane	ND ug/kg		4.7	1		12/07/09 17:04	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.7	1		12/07/09 17:04	106-93-4	
Dibromomethane	ND ug/kg		4.7	1		12/07/09 17:04	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:04	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:04	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:04	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.4	1		12/07/09 17:04	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.7	1		12/07/09 17:04	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.7	1		12/07/09 17:04	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:04	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:04	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:04	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:04	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:04	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:04	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:04	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:04	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:04	10061-02-6	
Diisopropyl ether	ND ug/kg		4.7	1		12/07/09 17:04	108-20-3	
Ethylbenzene	ND ug/kg		4.7	1		12/07/09 17:04	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-3 Lab ID: 9258915008 Collected: 12/03/09 14:35 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		12/07/09 17:04	87-68-3	
2-Hexanone	ND	ug/kg	47.0	1		12/07/09 17:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		12/07/09 17:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		12/07/09 17:04	99-87-6	
Methylene Chloride	ND	ug/kg	18.8	1		12/07/09 17:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.0	1		12/07/09 17:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		12/07/09 17:04	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		12/07/09 17:04	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		12/07/09 17:04	103-65-1	
Styrene	ND	ug/kg	4.7	1		12/07/09 17:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/07/09 17:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/07/09 17:04	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		12/07/09 17:04	127-18-4	
Toluene	ND	ug/kg	4.7	1		12/07/09 17:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		12/07/09 17:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		12/07/09 17:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		12/07/09 17:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		12/07/09 17:04	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		12/07/09 17:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		12/07/09 17:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		12/07/09 17:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		12/07/09 17:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		12/07/09 17:04	108-67-8	
Vinyl acetate	ND	ug/kg	47.0	1		12/07/09 17:04	108-05-4	
Vinyl chloride	ND	ug/kg	9.4	1		12/07/09 17:04	75-01-4	
Xylene (Total)	ND	ug/kg	9.4	1		12/07/09 17:04	1330-20-7	
m&p-Xylene	ND	ug/kg	9.4	1		12/07/09 17:04	1330-20-7	
o-Xylene	ND	ug/kg	4.7	1		12/07/09 17:04	95-47-6	
Dibromofluoromethane (S)	100	%	79-116	1		12/07/09 17:04	1868-53-7	
Toluene-d8 (S)	101	%	88-110	1		12/07/09 17:04	2037-26-5	
4-Bromofluorobenzene (S)	98	%	74-115	1		12/07/09 17:04	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	69-121	1		12/07/09 17:04	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	20.5 %	0.10	1	12/08/09 08:55
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ANALYTICAL RESULTS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

Sample: TT-2610-4 Lab ID: 9258915009 Collected: 12/03/09 15:15 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		6.3	1	12/07/09 12:01	12/09/09 12:52	68334-30-5	
n-Pentacosane (S)	79 %		50-135	1	12/07/09 12:01	12/09/09 12:52	629-99-2	
MADEP EPH NC Soil Analytical Method: MADEP EPH Preparation Method: MADEP EPH								
Aliphatic (C09-C18)	ND mg/kg		12.5	1	12/07/09 15:55	12/14/09 04:36		
Aliphatic (C19-C36)	ND mg/kg		12.5	1	12/07/09 15:55	12/14/09 04:36		
Aromatic (C11-C22)	ND mg/kg		12.5	1	12/07/09 15:55	12/14/09 04:36		
Nonatriacontane (S)	75 %		40-140	1	12/07/09 15:55	12/14/09 04:36	7194-86-7	
o-Terphenyl (S)	135 %		40-140	1	12/07/09 15:55	12/14/09 04:36	84-15-1	
2-Fluorobiphenyl (S)	167 %		40-140	1	12/07/09 15:55	12/14/09 04:36	321-60-8	1g
2-Bromonaphthalene (S)	167 %		40-140	1	12/07/09 15:55	12/14/09 04:36	580-13-2	1g
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		7.3	1	12/10/09 04:41	12/11/09 04:09	8006-61-9	
4-Bromofluorobenzene (S)	105 %		50-135	1	12/10/09 04:41	12/11/09 04:09	460-00-4	
VPH NC Soil Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Aliphatic (C05-C08)	ND mg/kg		9.6	1	12/10/09 04:44	12/10/09 23:38		
Aliphatic (C09-C12)	ND mg/kg		9.6	1	12/10/09 04:44	12/10/09 23:38		
Aromatic (C09-C10)	ND mg/kg		9.6	1	12/10/09 04:44	12/10/09 23:38		
2,5-Dibromotoluene (PID)(S)	137 %		70-130	1	12/10/09 04:44	12/10/09 23:38		S3
2,5-Dibromotoluene (FID)(S)	120 %		70-130	1	12/10/09 04:44	12/10/09 23:38		
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	83-32-9	
Acenaphthylene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	208-96-8	
Anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	120-12-7	
Benzo(a)anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	56-55-3	
Benzo(a)pyrene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	101-55-3	
Butylbenzylphthalate	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		670	1	12/09/09 18:25	12/15/09 02:11	59-50-7	
4-Chloroaniline	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	108-60-1	
2-Chloronaphthalene	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	91-58-7	
2-Chlorophenol	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	7005-72-3	
Chrysene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		33.0	1	12/09/09 18:25	12/15/09 02:11	53-70-3	
Dibenzofuran	ND ug/kg		170	1	12/09/09 18:25	12/15/09 02:11	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-4 Lab ID: 9258915009 Collected: 12/03/09 15:15 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 02:11	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	120-83-2	
Diethylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	105-67-9	
Dimethylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 02:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 02:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	117-81-7	
Fluoranthene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	206-44-0	
Fluorene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 02:11	77-47-4	
Hexachloroethane	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	193-39-5	
Isophorone	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	78-59-1	
1-Methylnaphthalene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	90-12-0	
2-Methylnaphthalene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11		
Naphthalene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	91-20-3	
2-Nitroaniline	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	88-74-4	
3-Nitroaniline	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	99-09-2	
4-Nitroaniline	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	100-01-6	
Nitrobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	98-95-3	
2-Nitrophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	88-75-5	
4-Nitrophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	100-02-7	L1
N-Nitrosodimethylamine	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	86-30-6	
Pentachlorophenol	ND	ug/kg	670	1	12/09/09 18:25	12/15/09 02:11	87-86-5	
Phenanthrene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	85-01-8	
Phenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	108-95-2	
Pyrene	ND	ug/kg	33.0	1	12/09/09 18:25	12/15/09 02:11	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	170	1	12/09/09 18:25	12/15/09 02:11	88-06-2	
Nitrobenzene-d5 (S)	67 %		10-110	1	12/09/09 18:25	12/15/09 02:11	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-4 Lab ID: 9258915009 Collected: 12/03/09 15:15 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
2-Fluorobiphenyl (S)	77 %		18-110	1	12/09/09 18:25	12/15/09 02:11	321-60-8	
Terphenyl-d14 (S)	90 %		10-123	1	12/09/09 18:25	12/15/09 02:11	1718-51-0	
Phenol-d6 (S)	56 %		10-110	1	12/09/09 18:25	12/15/09 02:11	13127-88-3	
2-Fluorophenol (S)	64 %		18-110	1	12/09/09 18:25	12/15/09 02:11	367-12-4	
2,4,6-Tribromophenol (S)	87 %		10-110	1	12/09/09 18:25	12/15/09 02:11	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	ND ug/kg		93.2	1		12/07/09 17:23	67-64-1	
Benzene	ND ug/kg		4.7	1		12/07/09 17:23	71-43-2	
Bromobenzene	ND ug/kg		4.7	1		12/07/09 17:23	108-86-1	
Bromochloromethane	ND ug/kg		4.7	1		12/07/09 17:23	74-97-5	
Bromodichloromethane	ND ug/kg		4.7	1		12/07/09 17:23	75-27-4	
Bromoform	ND ug/kg		4.7	1		12/07/09 17:23	75-25-2	
Bromomethane	ND ug/kg		9.3	1		12/07/09 17:23	74-83-9	
2-Butanone (MEK)	ND ug/kg		93.2	1		12/07/09 17:23	78-93-3	
n-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:23	104-51-8	
sec-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:23	135-98-8	
tert-Butylbenzene	ND ug/kg		4.7	1		12/07/09 17:23	98-06-6	
Carbon tetrachloride	ND ug/kg		4.7	1		12/07/09 17:23	56-23-5	
Chlorobenzene	ND ug/kg		4.7	1		12/07/09 17:23	108-90-7	
Chloroethane	ND ug/kg		9.3	1		12/07/09 17:23	75-00-3	
Chloroform	ND ug/kg		4.7	1		12/07/09 17:23	67-66-3	
Chloromethane	ND ug/kg		9.3	1		12/07/09 17:23	74-87-3	
2-Chlorotoluene	ND ug/kg		4.7	1		12/07/09 17:23	95-49-8	
4-Chlorotoluene	ND ug/kg		4.7	1		12/07/09 17:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.7	1		12/07/09 17:23	96-12-8	
Dibromochloromethane	ND ug/kg		4.7	1		12/07/09 17:23	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.7	1		12/07/09 17:23	106-93-4	
Dibromomethane	ND ug/kg		4.7	1		12/07/09 17:23	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:23	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:23	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.7	1		12/07/09 17:23	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.3	1		12/07/09 17:23	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.7	1		12/07/09 17:23	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.7	1		12/07/09 17:23	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:23	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:23	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.7	1		12/07/09 17:23	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:23	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:23	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.7	1		12/07/09 17:23	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:23	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:23	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.7	1		12/07/09 17:23	10061-02-6	
Diisopropyl ether	ND ug/kg		4.7	1		12/07/09 17:23	108-20-3	
Ethylbenzene	ND ug/kg		4.7	1		12/07/09 17:23	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-4 Lab ID: 9258915009 Collected: 12/03/09 15:15 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		12/07/09 17:23	87-68-3	
2-Hexanone	ND	ug/kg	46.6	1		12/07/09 17:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		12/07/09 17:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		12/07/09 17:23	99-87-6	
Methylene Chloride	ND	ug/kg	18.6	1		12/07/09 17:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.6	1		12/07/09 17:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		12/07/09 17:23	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		12/07/09 17:23	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		12/07/09 17:23	103-65-1	
Styrene	ND	ug/kg	4.7	1		12/07/09 17:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/07/09 17:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/07/09 17:23	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		12/07/09 17:23	127-18-4	
Toluene	ND	ug/kg	4.7	1		12/07/09 17:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		12/07/09 17:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		12/07/09 17:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		12/07/09 17:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		12/07/09 17:23	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		12/07/09 17:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		12/07/09 17:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		12/07/09 17:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		12/07/09 17:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		12/07/09 17:23	108-67-8	
Vinyl acetate	ND	ug/kg	46.6	1		12/07/09 17:23	108-05-4	
Vinyl chloride	ND	ug/kg	9.3	1		12/07/09 17:23	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1		12/07/09 17:23	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		12/07/09 17:23	1330-20-7	
o-Xylene	ND	ug/kg	4.7	1		12/07/09 17:23	95-47-6	
Dibromofluoromethane (S)	103	%	79-116	1		12/07/09 17:23	1868-53-7	
Toluene-d8 (S)	101	%	88-110	1		12/07/09 17:23	2037-26-5	
4-Bromofluorobenzene (S)	95	%	74-115	1		12/07/09 17:23	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	69-121	1		12/07/09 17:23	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	20.1	%	0.10	1	12/08/09 08:56
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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-B-7.5 Lab ID: 9258915010 Collected: 12/03/09 15:30 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel								
Analytical Method: EPA 8015 Modified					Preparation Method: EPA 3546			
Diesel Components	ND mg/kg		5.6	1	12/07/09 12:01	12/09/09 12:52	68334-30-5	
n-Pentacosane (S)	63 %		50-135	1	12/07/09 12:01	12/09/09 12:52	629-99-2	
MADEP EPH NC Soil								
Analytical Method: MADEP EPH					Preparation Method: MADEP EPH			
Aliphatic (C09-C18)	ND mg/kg		11.3	1	12/07/09 15:55	12/14/09 05:10		
Aliphatic (C19-C36)	ND mg/kg		11.3	1	12/07/09 15:55	12/14/09 05:10		
Aromatic (C11-C22)	ND mg/kg		11.3	1	12/07/09 15:55	12/14/09 05:10		
Nonatriacontane (S)	93 %		40-140	1	12/07/09 15:55	12/14/09 05:10	7194-86-7	
o-Terphenyl (S)	91 %		40-140	1	12/07/09 15:55	12/14/09 05:10	84-15-1	
2-Fluorobiphenyl (S)	104 %		40-140	1	12/07/09 15:55	12/14/09 05:10	321-60-8	
2-Bromonaphthalene (S)	105 %		40-140	1	12/07/09 15:55	12/14/09 05:10	580-13-2	
Gasoline Range Organics								
Analytical Method: EPA 8015 Modified					Preparation Method: EPA 5035A/5030B			
Gasoline Range Organics	ND mg/kg		5.1	1	12/11/09 17:44	12/11/09 19:03	8006-61-9	
4-Bromofluorobenzene (S)	136 %		50-135	1	12/11/09 17:44	12/11/09 19:03	460-00-4	S3
VPH NC Soil								
Analytical Method: MADEP VPH					Preparation Method: MADEP VPH			
Aliphatic (C05-C08)	ND mg/kg		9.3	1	12/10/09 04:44	12/11/09 00:02		
Aliphatic (C09-C12)	ND mg/kg		9.3	1	12/10/09 04:44	12/11/09 00:02		
Aromatic (C09-C10)	ND mg/kg		9.3	1	12/10/09 04:44	12/11/09 00:02		
2,5-Dibromotoluene (PID)(S)	134 %		70-130	1	12/10/09 04:44	12/11/09 00:02		S3
2,5-Dibromotoluene (FID)(S)	131 %		70-130	1	12/10/09 04:44	12/11/09 00:02		S3
8270 MSSV Full List Microwave								
Analytical Method: EPA 8270								
Acenaphthene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	83-32-9	
Acenaphthylene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	208-96-8	
Anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	120-12-7	
Benzo(a)anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	56-55-3	
Benzo(a)pyrene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	207-08-9	
4-Bromophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	101-55-3	
Butylbenzylphthalate	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		668	1	12/09/09 18:25	12/15/09 02:37	59-50-7	
4-Chloroaniline	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	108-60-1	
2-Chloronaphthalene	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	91-58-7	
2-Chlorophenol	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	7005-72-3	
Chrysene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		32.9	1	12/09/09 18:25	12/15/09 02:37	53-70-3	
Dibenzofuran	ND ug/kg		169	1	12/09/09 18:25	12/15/09 02:37	132-64-9	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-B-7.5 Lab ID: 9258915010 Collected: 12/03/09 15:30 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270						
1,2-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	668	1	12/09/09 18:25	12/15/09 02:37	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	120-83-2	
Diethylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	105-67-9	
Dimethylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	131-11-3	
Di-n-butylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	668	1	12/09/09 18:25	12/15/09 02:37	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	668	1	12/09/09 18:25	12/15/09 02:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	606-20-2	
Di-n-octylphthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	117-81-7	
Fluoranthene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	206-44-0	
Fluorene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	87-68-3	
Hexachlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	668	1	12/09/09 18:25	12/15/09 02:37	77-47-4	
Hexachloroethane	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	193-39-5	
Isophorone	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	78-59-1	
1-Methylnaphthalene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	90-12-0	
2-Methylnaphthalene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37		
Naphthalene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	91-20-3	
2-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	88-74-4	
3-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	99-09-2	
4-Nitroaniline	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	100-01-6	
Nitrobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	98-95-3	
2-Nitrophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	88-75-5	
4-Nitrophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	100-02-7	L1
N-Nitrosodimethylamine	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	86-30-6	
Pentachlorophenol	ND	ug/kg	668	1	12/09/09 18:25	12/15/09 02:37	87-86-5	
Phenanthrene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	85-01-8	
Phenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	108-95-2	
Pyrene	ND	ug/kg	32.9	1	12/09/09 18:25	12/15/09 02:37	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	169	1	12/09/09 18:25	12/15/09 02:37	88-06-2	
Nitrobenzene-d5 (S)	68 %		10-110	1	12/09/09 18:25	12/15/09 02:37	4165-60-0	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-B-7.5 Lab ID: 9258915010 Collected: 12/03/09 15:30 Received: 12/05/09 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave Analytical Method: EPA 8270								
2-Fluorobiphenyl (S)	71 %		18-110	1	12/09/09 18:25	12/15/09 02:37	321-60-8	
Terphenyl-d14 (S)	90 %		10-123	1	12/09/09 18:25	12/15/09 02:37	1718-51-0	
Phenol-d6 (S)	55 %		10-110	1	12/09/09 18:25	12/15/09 02:37	13127-88-3	
2-Fluorophenol (S)	61 %		18-110	1	12/09/09 18:25	12/15/09 02:37	367-12-4	
2,4,6-Tribromophenol (S)	79 %		10-110	1	12/09/09 18:25	12/15/09 02:37	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND ug/kg		159	1		12/08/09 15:38	67-64-1	
Benzene	ND ug/kg		8.0	1		12/08/09 15:38	71-43-2	
Bromobenzene	ND ug/kg		8.0	1		12/08/09 15:38	108-86-1	
Bromochloromethane	ND ug/kg		8.0	1		12/08/09 15:38	74-97-5	
Bromodichloromethane	ND ug/kg		8.0	1		12/08/09 15:38	75-27-4	
Bromoform	ND ug/kg		8.0	1		12/08/09 15:38	75-25-2	
Bromomethane	ND ug/kg		15.9	1		12/08/09 15:38	74-83-9	
2-Butanone (MEK)	ND ug/kg		159	1		12/08/09 15:38	78-93-3	
n-Butylbenzene	ND ug/kg		8.0	1		12/08/09 15:38	104-51-8	
sec-Butylbenzene	ND ug/kg		8.0	1		12/08/09 15:38	135-98-8	
tert-Butylbenzene	ND ug/kg		8.0	1		12/08/09 15:38	98-06-6	
Carbon tetrachloride	ND ug/kg		8.0	1		12/08/09 15:38	56-23-5	
Chlorobenzene	ND ug/kg		8.0	1		12/08/09 15:38	108-90-7	
Chloroethane	ND ug/kg		15.9	1		12/08/09 15:38	75-00-3	
Chloroform	ND ug/kg		8.0	1		12/08/09 15:38	67-66-3	
Chloromethane	ND ug/kg		15.9	1		12/08/09 15:38	74-87-3	
2-Chlorotoluene	ND ug/kg		8.0	1		12/08/09 15:38	95-49-8	
4-Chlorotoluene	ND ug/kg		8.0	1		12/08/09 15:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		8.0	1		12/08/09 15:38	96-12-8	
Dibromochloromethane	ND ug/kg		8.0	1		12/08/09 15:38	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		8.0	1		12/08/09 15:38	106-93-4	
Dibromomethane	ND ug/kg		8.0	1		12/08/09 15:38	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		8.0	1		12/08/09 15:38	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		8.0	1		12/08/09 15:38	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		8.0	1		12/08/09 15:38	106-46-7	
Dichlorodifluoromethane	ND ug/kg		15.9	1		12/08/09 15:38	75-71-8	
1,1-Dichloroethane	ND ug/kg		8.0	1		12/08/09 15:38	75-34-3	
1,2-Dichloroethane	ND ug/kg		8.0	1		12/08/09 15:38	107-06-2	
1,1-Dichloroethene	ND ug/kg		8.0	1		12/08/09 15:38	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		8.0	1		12/08/09 15:38	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		8.0	1		12/08/09 15:38	156-60-5	
1,2-Dichloropropane	ND ug/kg		8.0	1		12/08/09 15:38	78-87-5	
1,3-Dichloropropane	ND ug/kg		8.0	1		12/08/09 15:38	142-28-9	
2,2-Dichloropropane	ND ug/kg		8.0	1		12/08/09 15:38	594-20-7	
1,1-Dichloropropene	ND ug/kg		8.0	1		12/08/09 15:38	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		8.0	1		12/08/09 15:38	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		8.0	1		12/08/09 15:38	10061-02-6	
Diisopropyl ether	ND ug/kg		8.0	1		12/08/09 15:38	108-20-3	
Ethylbenzene	ND ug/kg		8.0	1		12/08/09 15:38	100-41-4	

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ANALYTICAL RESULTS

Project: TT-2 Tank Yank

Pace Project No.: 9258915

Sample: TT-2610-B-7.5 **Lab ID:** 9258915010 **Collected:** 12/03/09 15:30 **Received:** 12/05/09 09:15 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Hexachloro-1,3-butadiene	ND	ug/kg	8.0	1		12/08/09 15:38	87-68-3	
2-Hexanone	ND	ug/kg	79.7	1		12/08/09 15:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	1		12/08/09 15:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.0	1		12/08/09 15:38	99-87-6	
Methylene Chloride	ND	ug/kg	31.9	1		12/08/09 15:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	79.7	1		12/08/09 15:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.0	1		12/08/09 15:38	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1		12/08/09 15:38	91-20-3	
n-Propylbenzene	ND	ug/kg	8.0	1		12/08/09 15:38	103-65-1	
Styrene	ND	ug/kg	8.0	1		12/08/09 15:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.0	1		12/08/09 15:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.0	1		12/08/09 15:38	79-34-5	
Tetrachloroethene	ND	ug/kg	8.0	1		12/08/09 15:38	127-18-4	
Toluene	ND	ug/kg	8.0	1		12/08/09 15:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.0	1		12/08/09 15:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.0	1		12/08/09 15:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.0	1		12/08/09 15:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.0	1		12/08/09 15:38	79-00-5	
Trichloroethene	ND	ug/kg	8.0	1		12/08/09 15:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.0	1		12/08/09 15:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.0	1		12/08/09 15:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.0	1		12/08/09 15:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.0	1		12/08/09 15:38	108-67-8	
Vinyl acetate	ND	ug/kg	79.7	1		12/08/09 15:38	108-05-4	
Vinyl chloride	ND	ug/kg	15.9	1		12/08/09 15:38	75-01-4	
Xylene (Total)	ND	ug/kg	15.9	1		12/08/09 15:38	1330-20-7	
m&p-Xylene	ND	ug/kg	15.9	1		12/08/09 15:38	1330-20-7	
o-Xylene	ND	ug/kg	8.0	1		12/08/09 15:38	95-47-6	
Dibromofluoromethane (S)	113	%	79-116	1		12/08/09 15:38	1868-53-7	
Toluene-d8 (S)	101	%	88-110	1		12/08/09 15:38	2037-26-5	
4-Bromofluorobenzene (S)	96	%	74-115	1		12/08/09 15:38	460-00-4	
1,2-Dichloroethane-d4 (S)	126	%	69-121	1		12/08/09 15:38	17060-07-0	S2

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	11.4 %	0.10	1	12/08/09 08:56
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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch: OEXT/8736 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 3546 Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

METHOD BLANK: 375795 Matrix: Solid
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

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

LABORATORY CONTROL SAMPLE & LCSD: 375796			375797							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Components	mg/kg	167	122	141	73		50-114	14		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 375798					375799						
Parameter	Units	9258835002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	53.3	189	189	283	224	122	91	50-107	23	M3
n-Pentacosane (S)	%						190	182	50-135		S2

QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch: OEXT/8733 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Soil
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

METHOD BLANK: 375742 Matrix: Solid
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C18)	mg/kg	ND	10.0	12/13/09 22:29	
Aliphatic (C19-C36)	mg/kg	ND	10.0	12/13/09 22:29	
Aromatic (C11-C22)	mg/kg	ND	10.0	12/13/09 22:29	
2-Bromonaphthalene (S)	%	164	40-140	12/13/09 22:29	S3
2-Fluorobiphenyl (S)	%	165	40-140	12/13/09 22:29	S3
Nonatriacontane (S)	%	90	40-140	12/13/09 22:29	
o-Terphenyl (S)	%	145	40-140	12/13/09 22:29	S3

LABORATORY CONTROL SAMPLE & LCSD: 375743

375744

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	mg/kg	10	ND	ND	87	52	40-140		50	
Aliphatic (C19-C36)	mg/kg	13.3	12.0	ND	90	60	40-140		50	
Aromatic (C11-C22)	mg/kg	28.3	26.9	27.2	95	96	40-140	1	50	
2-Bromonaphthalene (S)	%				115	115	40-140			
2-Fluorobiphenyl (S)	%				111	112	40-140			
Nonatriacontane (S)	%				88	71	40-140			
o-Terphenyl (S)	%				88	95	40-140			

QUALITY CONTROL DATA

Project: TT-2 Tank Yank

Pace Project No.: 9258915

QC Batch: GCV/3668 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009

METHOD BLANK: 377636

Matrix: Solid

Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009

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

LABORATORY CONTROL SAMPLE: 377637

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

MATRIX SPIKE SAMPLE: 377638

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

SAMPLE DUPLICATE: 377639

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

QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch:	GCV/3672	Analysis Method:	EPA 8015 Modified
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	Gasoline Range Organics
Associated Lab Samples:	9258915010		

METHOD BLANK: 378100 Matrix: Solid
Associated Lab Samples: 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	6.0	12/11/09 18:39	
4-Bromofluorobenzene (S)	%	95	50-135	12/11/09 18:39	

LABORATORY CONTROL SAMPLE: 378101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	25	22.7	91	70-150	
4-Bromofluorobenzene (S)	%			79	50-135	

MATRIX SPIKE SAMPLE: 378102

Parameter	Units	9258915010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	ND	21.3	20.4	95	70-148	
4-Bromofluorobenzene (S)	%				108	50-135	

SAMPLE DUPLICATE: 378103

Parameter	Units	9258712002 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	3070	3150	3	
4-Bromofluorobenzene (S)	%		155	16 S2	

QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch: GCV/3669 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Soil
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

METHOD BLANK: 377642 Matrix: Solid
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	10.0	12/10/09 19:58	
Aliphatic (C09-C12)	mg/kg	ND	10.0	12/10/09 19:58	
Aromatic (C09-C10)	mg/kg	ND	10.0	12/10/09 19:58	
2,5-Dibromotoluene (FID)(S)	%	82	70-130	12/10/09 19:58	
2,5-Dibromotoluene (PID)(S)	%	91	70-130	12/10/09 19:58	

LABORATORY CONTROL SAMPLE & LCSD: 377643		377644								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	17.3	17.4	115	116	70-130	1	25	
Aliphatic (C09-C12)	mg/kg	15	14.3	15.6	95	104	30-130	9	25	
Aromatic (C09-C10)	mg/kg	5	ND	ND	107	110	70-130		25	
2,5-Dibromotoluene (FID)(S)	%				100	100	70-130			
2,5-Dibromotoluene (PID)(S)	%				112	117	70-130			

QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch: MSSV/1478 Analysis Method: EPA 8270
QC Batch Method: EPA 8270 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

METHOD BLANK: 25149 Matrix: Solid
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	170	12/14/09 15:47	
1,2-Dichlorobenzene	ug/kg	ND	170	12/14/09 15:47	
1,2-Diphenylhydrazine	ug/kg	ND	170	12/14/09 15:47	
1,3-Dichlorobenzene	ug/kg	ND	170	12/14/09 15:47	
1,4-Dichlorobenzene	ug/kg	ND	170	12/14/09 15:47	
1-Methylnaphthalene	ug/kg	ND	33.0	12/14/09 15:47	
2,4,5-Trichlorophenol	ug/kg	ND	170	12/14/09 15:47	
2,4,6-Trichlorophenol	ug/kg	ND	170	12/14/09 15:47	
2,4-Dichlorophenol	ug/kg	ND	170	12/14/09 15:47	
2,4-Dimethylphenol	ug/kg	ND	170	12/14/09 15:47	
2,4-Dinitrophenol	ug/kg	ND	670	12/14/09 15:47	
2,4-Dinitrotoluene	ug/kg	ND	170	12/14/09 15:47	
2,6-Dinitrotoluene	ug/kg	ND	170	12/14/09 15:47	
2-Chloronaphthalene	ug/kg	ND	170	12/14/09 15:47	
2-Chlorophenol	ug/kg	ND	170	12/14/09 15:47	
2-Methylnaphthalene	ug/kg	ND	33.0	12/14/09 15:47	
2-Methylphenol(o-Cresol)	ug/kg	ND	170	12/14/09 15:47	
2-Nitroaniline	ug/kg	ND	170	12/14/09 15:47	
2-Nitrophenol	ug/kg	ND	170	12/14/09 15:47	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	170	12/14/09 15:47	
3,3'-Dichlorobenzidine	ug/kg	ND	670	12/14/09 15:47	
3-Nitroaniline	ug/kg	ND	170	12/14/09 15:47	
4,6-Dinitro-2-methylphenol	ug/kg	ND	670	12/14/09 15:47	
4-Bromophenylphenyl ether	ug/kg	ND	170	12/14/09 15:47	
4-Chloro-3-methylphenol	ug/kg	ND	670	12/14/09 15:47	
4-Chloroaniline	ug/kg	ND	170	12/14/09 15:47	
4-Chlorophenylphenyl ether	ug/kg	ND	170	12/14/09 15:47	
4-Nitroaniline	ug/kg	ND	170	12/14/09 15:47	
4-Nitrophenol	ug/kg	ND	170	12/14/09 15:47	
Acenaphthene	ug/kg	ND	33.0	12/14/09 15:47	
Acenaphthylene	ug/kg	ND	33.0	12/14/09 15:47	
Anthracene	ug/kg	ND	33.0	12/14/09 15:47	
Benzo(a)anthracene	ug/kg	ND	33.0	12/14/09 15:47	
Benzo(a)pyrene	ug/kg	ND	33.0	12/14/09 15:47	
Benzo(b)fluoranthene	ug/kg	ND	33.0	12/14/09 15:47	
Benzo(g,h,i)perylene	ug/kg	ND	33.0	12/14/09 15:47	
Benzo(k)fluoranthene	ug/kg	ND	33.0	12/14/09 15:47	
bis(2-Chloroethoxy)methane	ug/kg	ND	170	12/14/09 15:47	
bis(2-Chloroethyl) ether	ug/kg	ND	170	12/14/09 15:47	
bis(2-Chloroisopropyl) ether	ug/kg	ND	170	12/14/09 15:47	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	170	12/14/09 15:47	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank

Pace Project No.: 9258915

METHOD BLANK: 25149

Matrix: Solid

Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	170	12/14/09 15:47	
Chrysene	ug/kg	ND	33.0	12/14/09 15:47	
Di-n-butylphthalate	ug/kg	ND	170	12/14/09 15:47	
Di-n-octylphthalate	ug/kg	ND	170	12/14/09 15:47	
Dibenz(a,h)anthracene	ug/kg	ND	33.0	12/14/09 15:47	
Dibenzofuran	ug/kg	ND	170	12/14/09 15:47	
Diethylphthalate	ug/kg	ND	170	12/14/09 15:47	
Dimethylphthalate	ug/kg	ND	170	12/14/09 15:47	
Fluoranthene	ug/kg	ND	33.0	12/14/09 15:47	
Fluorene	ug/kg	ND	33.0	12/14/09 15:47	
Hexachloro-1,3-butadiene	ug/kg	ND	170	12/14/09 15:47	
Hexachlorobenzene	ug/kg	ND	170	12/14/09 15:47	
Hexachlorocyclopentadiene	ug/kg	ND	670	12/14/09 15:47	
Hexachloroethane	ug/kg	ND	170	12/14/09 15:47	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	33.0	12/14/09 15:47	
Isophorone	ug/kg	ND	170	12/14/09 15:47	
N-Nitroso-di-n-propylamine	ug/kg	ND	170	12/14/09 15:47	
N-Nitrosodimethylamine	ug/kg	ND	170	12/14/09 15:47	
N-Nitrosodiphenylamine	ug/kg	ND	170	12/14/09 15:47	
Naphthalene	ug/kg	ND	33.0	12/14/09 15:47	
Nitrobenzene	ug/kg	ND	170	12/14/09 15:47	
Pentachlorophenol	ug/kg	ND	670	12/14/09 15:47	
Phenanthrene	ug/kg	ND	33.0	12/14/09 15:47	
Phenol	ug/kg	ND	170	12/14/09 15:47	
Pyrene	ug/kg	ND	33.0	12/14/09 15:47	
2,4,6-Tribromophenol (S)	%	88	10-110	12/14/09 15:47	
2-Fluorobiphenyl (S)	%	79	18-110	12/14/09 15:47	
2-Fluorophenol (S)	%	65	18-110	12/14/09 15:47	
Nitrobenzene-d5 (S)	%	75	10-110	12/14/09 15:47	
Phenol-d6 (S)	%	64	10-110	12/14/09 15:47	
Terphenyl-d14 (S)	%	91	10-123	12/14/09 15:47	

LABORATORY CONTROL SAMPLE: 25150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1270	76	55.2-104.2	
1,2-Dichlorobenzene	ug/kg	1670	1080	65	46.8-80.1	
1,2-Diphenylhydrazine	ug/kg	1670	1330	80		
1,3-Dichlorobenzene	ug/kg	1670	1120	67	46.4-80.6	
1,4-Dichlorobenzene	ug/kg	1670	1180	71	37.4-86.7	
1-Methylnaphthalene	ug/kg	1670	1340	80	20.7-121.7	
2,4,5-Trichlorophenol	ug/kg	1670	1520	91	58.1-101.3	
2,4,6-Trichlorophenol	ug/kg	1670	1630	98	46.2-106	
2,4-Dichlorophenol	ug/kg	1670	1440	86	47.1-102	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank

Pace Project No.: 9258915

LABORATORY CONTROL SAMPLE: 25150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1670	1360	82	54.1-109.9	
2,4-Dinitrophenol	ug/kg	1670	1280	77	57.6-108	
2,4-Dinitrotoluene	ug/kg	1670	1510	91	62.7-99.2	
2,6-Dinitrotoluene	ug/kg	1670	1410	85	53.2-110.8	
2-Chloronaphthalene	ug/kg	1670	1480	89	49.8-101	
2-Chlorophenol	ug/kg	1670	1120	67	48.2-85.3	
2-Methylnaphthalene	ug/kg	1670	1390	84	20.9-121.3	
2-Methylphenol(o-Cresol)	ug/kg	1670	1210	72	53.2-93.1	
2-Nitroaniline	ug/kg	1670	1380	83	64.2-102.8	
2-Nitrophenol	ug/kg	1670	1350	81	35-142.5	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1290	78	50.1-87	
3,3'-Dichlorobenzidine	ug/kg	1670	1520	91	51.7-91.9	
3-Nitroaniline	ug/kg	1670	1430	86	64.9-102.5	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1310	78	49.2-104.9	
4-Bromophenylphenyl ether	ug/kg	1670	1430	86	61-96.5	
4-Chloro-3-methylphenol	ug/kg	1670	1360	82	63.4-98.7	
4-Chloroaniline	ug/kg	1670	1320	79	54.8-90.6	
4-Chlorophenylphenyl ether	ug/kg	1670	1520	91	55.1-97.6	
4-Nitroaniline	ug/kg	1670	1470	88	48.6-95.1	
4-Nitrophenol	ug/kg	1670	2040	123	27.1-112	L3
Acenaphthene	ug/kg	1670	1430	86	22-124.1	
Acenaphthylene	ug/kg	1670	1430	86	22.7-127.8	
Anthracene	ug/kg	1670	1420	85	23.8-117	
Benzo(a)anthracene	ug/kg	1670	1400	84	25.7-125	
Benzo(a)pyrene	ug/kg	1670	1330	80	25.5-126.9	
Benzo(b)fluoranthene	ug/kg	1670	1540	92	24.9-132.8	
Benzo(g,h,i)perylene	ug/kg	1670	1470	88	28.1-134.9	
Benzo(k)fluoranthene	ug/kg	1670	1390	83	30.1-135.6	
bis(2-Chloroethoxy)methane	ug/kg	1670	1250	75	51-93.2	
bis(2-Chloroethyl) ether	ug/kg	1670	1040	62	50.3-86.8	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1120	67	43.1-87.3	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1310	79	10-238.8	
Butylbenzylphthalate	ug/kg	1670	1360	82	55.5-116	
Chrysene	ug/kg	1670	1400	84	25.9-129.8	
Di-n-butylphthalate	ug/kg	1670	1460	87	63.2-102.6	
Di-n-octylphthalate	ug/kg	1670	1280	77	56.5-119.9	
Dibenz(a,h)anthracene	ug/kg	1670	1370	82	28.1-136	
Dibenzofuran	ug/kg	1670	1400	84	44-89.3	
Diethylphthalate	ug/kg	1670	1490	89	64.9-94.9	
Dimethylphthalate	ug/kg	1670	1440	86	55.3-94.5	
Fluoranthene	ug/kg	1670	1500	90	27.6-129.1	
Fluorene	ug/kg	1670	1560	94	22.1-134.4	
Hexachloro-1,3-butadiene	ug/kg	1670	1340	81	23.8-97.1	
Hexachlorobenzene	ug/kg	1670	1490	89	43.5-98.2	
Hexachlorocyclopentadiene	ug/kg	1670	1230	74	37.1-91.2	
Hexachloroethane	ug/kg	1670	1180	71	50.9-110.2	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1400	84	27.4-134	
Isophorone	ug/kg	1670	1280	77	54.7-91.2	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank

Pace Project No.: 9258915

LABORATORY CONTROL SAMPLE: 25150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitroso-di-n-propylamine	ug/kg	1670	1270	76	60.7-96.7	
N-Nitrosodimethylamine	ug/kg	1670	962	58	50.7-89.6	
N-Nitrosodiphenylamine	ug/kg	1670	1420	85	53.8-112.6	
Naphthalene	ug/kg	1670	1260	76	19.8-116.2	
Nitrobenzene	ug/kg	1670	1200	72	54.6-87.7	
Pentachlorophenol	ug/kg	1670	1510	91	35.6-133.1	
Phenanthrene	ug/kg	1670	1400	84	27.7-128.9	
Phenol	ug/kg	1670	984	59	49.3-102.8	
Pyrene	ug/kg	1670	1370	82	27.7-128.9	
2,4,6-Tribromophenol (S)	%			96	10-110	
2-Fluorobiphenyl (S)	%			81	18-110	
2-Fluorophenol (S)	%			57	18-110	
Nitrobenzene-d5 (S)	%			73	10-110	
Phenol-d6 (S)	%			67	10-110	
Terphenyl-d14 (S)	%			84	10-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 25151 25152

Parameter	Units	9258915001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1680	1680	1220	1400	73	83	55.2-104	13	
1,2-Dichlorobenzene	ug/kg	ND	1680	1680	1070	1240	64	74	46.8-80.	14	
1,2-Diphenylhydrazine	ug/kg	ND	1680	1680	1340	1400	80	83		4	
1,3-Dichlorobenzene	ug/kg	ND	1680	1680	1080	1290	64	77	46.4-80.	17	
1,4-Dichlorobenzene	ug/kg	ND	1680	1680	1070	1310	64	78	37.4-86.	20	
1-Methylnaphthalene	ug/kg	ND	1680	1680	1300	1430	78	85	20.7-121	9	
2,4,5-Trichlorophenol	ug/kg	ND	1680	1680	1480	1650	88	98	58.1-101	11	
2,4,6-Trichlorophenol	ug/kg	ND	1680	1680	1590	1750	95	104	46.2-106	10	
2,4-Dichlorophenol	ug/kg	ND	1680	1680	1370	1540	81	92	47.1-102	12	
2,4-Dimethylphenol	ug/kg	ND	1680	1680	1280	1360	76	81	54.1-109	6	
2,4-Dinitrophenol	ug/kg	ND	1680	1680	1440	1490	86	89	57.6-108	3	
2,4-Dinitrotoluene	ug/kg	ND	1680	1680	1510	1680	90	100	62.7-99.	11 MO	
2,6-Dinitrotoluene	ug/kg	ND	1680	1680	1390	1490	83	89	53.2-110	7	
2-Chloronaphthalene	ug/kg	ND	1680	1680	1390	1500	83	89	49.8-101	7	
2-Chlorophenol	ug/kg	ND	1680	1680	1070	1240	64	74	48.2-85.	15	
2-Methylnaphthalene	ug/kg	ND	1680	1680	1320	1420	79	84	20.9-121	7	
2-Methylphenol(o-Cresol)	ug/kg	ND	1680	1680	1180	1270	70	76	53.2-93.	8	
2-Nitroaniline	ug/kg	ND	1680	1680	1350	1480	81	88	64.2-102	9	
2-Nitrophenol	ug/kg	ND	1680	1680	1150	1390	68	83	35-142.5	19	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1680	1680	1350	1410	80	84	50.1-87	5	
3,3'-Dichlorobenzidine	ug/kg	ND	1680	1680	1690	1820	101	108	51.7-91.	7 MO	
3-Nitroaniline	ug/kg	ND	1680	1680	1450	1560	86	93	64.9-102	8	
4,6-Dinitro-2-methylphenol	ug/kg	ND	1680	1680	1430	1550	85	92	49.2-104	8	
4-Bromophenylphenyl ether	ug/kg	ND	1680	1680	1480	1530	88	91	61-96.5	3	
4-Chloro-3-methylphenol	ug/kg	ND	1680	1680	1380	1560	82	93	63.4-98.	12	
4-Chloroaniline	ug/kg	ND	1680	1680	1270	1460	76	87	54.8-90.	14	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 25151 25152											
Parameter	Units	9258915001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Chlorophenylphenyl ether	ug/kg	ND	1680	1680	1490	1600	89	95	55.1-97.	7	
4-Nitroaniline	ug/kg	ND	1680	1680	1470	1480	88	88	48.6-95.	.7	
4-Nitrophenol	ug/kg	ND	1680	1680	2010	1980	120	118	27.1-112	2	M0
Acenaphthene	ug/kg	ND	1680	1680	1400	1560	83	93	22-124.1	11	
Acenaphthylene	ug/kg	ND	1680	1680	1350	1490	80	89	22.7-127	10	
Anthracene	ug/kg	ND	1680	1680	1440	1530	86	91	23.8-117	6	
Benzo(a)anthracene	ug/kg	ND	1680	1680	1510	1590	90	95	25.7-125	5	
Benzo(a)pyrene	ug/kg	ND	1680	1680	1440	1580	86	94	25.5-126	10	
Benzo(b)fluoranthene	ug/kg	ND	1680	1680	1490	1860	89	111	24.9-132	22	
Benzo(g,h,i)perylene	ug/kg	ND	1680	1680	1600	1770	95	105	28.1-134	10	
Benzo(k)fluoranthene	ug/kg	ND	1680	1680	1580	1540	94	92	30.1-135	2	
bis(2-Chloroethoxy)methane	ug/kg	ND	1680	1680	1150	1240	69	74	51-93.2	7	
bis(2-Chloroethyl) ether	ug/kg	ND	1680	1680	980	1140	58	68	50.3-86.	15	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1680	1680	1120	1240	67	74	43.1-87.	10	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1680	1680	1430	1500	85	89	10-238.8	4	
Butylbenzylphthalate	ug/kg	ND	1680	1680	1520	1540	91	92	55.5-116	1	
Chrysene	ug/kg	ND	1680	1680	1540	1480	92	88	25.9-129	4	
Di-n-butylphthalate	ug/kg	ND	1680	1680	1470	1550	88	93	63.2-102	6	
Di-n-octylphthalate	ug/kg	ND	1680	1680	1310	1460	78	87	56.5-119	11	
Dibenz(a,h)anthracene	ug/kg	ND	1680	1680	1470	1640	87	98	28.1-136	11	
Dibenzofuran	ug/kg	ND	1680	1680	1350	1470	81	88	44-89.3	8	
Diethylphthalate	ug/kg	ND	1680	1680	1460	1510	87	90	64.9-94.	4	
Dimethylphthalate	ug/kg	ND	1680	1680	1450	1530	86	91	55.3-94.	5	
Fluoranthene	ug/kg	ND	1680	1680	1490	1560	89	93	27.6-129	5	
Fluorene	ug/kg	ND	1680	1680	1550	1660	92	99	22.1-134	7	
Hexachloro-1,3-butadiene	ug/kg	ND	1680	1680	1300	1440	77	86	23.8-97.	11	
Hexachlorobenzene	ug/kg	ND	1680	1680	1510	1610	90	96	43.5-98.	6	
Hexachlorocyclopentadiene	ug/kg	ND	1680	1680	1170	1370	70	82	37.1-91.	16	
Hexachloroethane	ug/kg	ND	1680	1680	1110	1270	66	76	50.9-110	13	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1680	1680	1490	1690	89	101	27.4-134	13	
Isophorone	ug/kg	ND	1680	1680	1200	1360	71	81	54.7-91.	13	
N-Nitroso-di-n-propylamine	ug/kg	ND	1680	1680	1230	1350	73	80	60.7-96.	9	
N-Nitrosodimethylamine	ug/kg	ND	1680	1680	916	1050	55	63	50.7-89.	14	
N-Nitrosodiphenylamine	ug/kg	ND	1680	1680	1460	1530	87	91	53.8-112	5	
Naphthalene	ug/kg	ND	1680	1680	1190	1400	71	84	19.8-116	17	
Nitrobenzene	ug/kg	ND	1680	1680	1150	1280	68	76	54.6-87.	11	
Pentachlorophenol	ug/kg	ND	1680	1680	1620	1610	97	96	35.6-133	.8	
Phenanthrene	ug/kg	ND	1680	1680	1430	1550	86	92	27.7-128	8	
Phenol	ug/kg	ND	1680	1680	1090	1120	65	67	49.3-102	2	
Pyrene	ug/kg	ND	1680	1680	1490	1580	89	94	27.7-128	6	
2,4,6-Tribromophenol (S)	%						103	105	10-110		
2-Fluorobiphenyl (S)	%						74	85	18-110		
2-Fluorophenol (S)	%						53	63	18-110		
Nitrobenzene-d5 (S)	%						68	79	10-110		
Phenol-d6 (S)	%						64	69	10-110		
Terphenyl-d14 (S)	%						93	93	10-123		

QUALITY CONTROL DATA

Project: TT-2 Tank Yank

Pace Project No.: 9258915

QC Batch: MSV/9252

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

METHOD BLANK: 375717

Matrix: Solid

Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1-Dichloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,1-Dichloroethene	ug/kg	ND	5.0	12/07/09 13:07	
1,1-Dichloropropene	ug/kg	ND	5.0	12/07/09 13:07	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/07/09 13:07	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dichloroethane	ug/kg	ND	5.0	12/07/09 13:07	
1,2-Dichloropropane	ug/kg	ND	5.0	12/07/09 13:07	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
1,3-Dichloropropane	ug/kg	ND	5.0	12/07/09 13:07	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
2,2-Dichloropropane	ug/kg	ND	5.0	12/07/09 13:07	
2-Butanone (MEK)	ug/kg	ND	100	12/07/09 13:07	
2-Chlorotoluene	ug/kg	ND	5.0	12/07/09 13:07	
2-Hexanone	ug/kg	ND	50.0	12/07/09 13:07	
4-Chlorotoluene	ug/kg	ND	5.0	12/07/09 13:07	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	12/07/09 13:07	
Acetone	ug/kg	ND	100	12/07/09 13:07	
Benzene	ug/kg	ND	5.0	12/07/09 13:07	
Bromobenzene	ug/kg	ND	5.0	12/07/09 13:07	
Bromochloromethane	ug/kg	ND	5.0	12/07/09 13:07	
Bromodichloromethane	ug/kg	ND	5.0	12/07/09 13:07	
Bromoform	ug/kg	ND	5.0	12/07/09 13:07	
Bromomethane	ug/kg	ND	10.0	12/07/09 13:07	
Carbon tetrachloride	ug/kg	ND	5.0	12/07/09 13:07	
Chlorobenzene	ug/kg	ND	5.0	12/07/09 13:07	
Chloroethane	ug/kg	ND	10.0	12/07/09 13:07	
Chloroform	ug/kg	ND	5.0	12/07/09 13:07	
Chloromethane	ug/kg	ND	10.0	12/07/09 13:07	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/07/09 13:07	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/07/09 13:07	
Dibromochloromethane	ug/kg	ND	5.0	12/07/09 13:07	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

METHOD BLANK: 375717

Matrix: Solid

Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	12/07/09 13:07	
Dichlorodifluoromethane	ug/kg	ND	10.0	12/07/09 13:07	
Diisopropyl ether	ug/kg	ND	5.0	12/07/09 13:07	
Ethylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/07/09 13:07	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/07/09 13:07	
m&p-Xylene	ug/kg	ND	10.0	12/07/09 13:07	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/07/09 13:07	
Methylene Chloride	ug/kg	ND	20.0	12/07/09 13:07	
n-Butylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
n-Propylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
Naphthalene	ug/kg	ND	5.0	12/07/09 13:07	
o-Xylene	ug/kg	ND	5.0	12/07/09 13:07	
p-Isopropyltoluene	ug/kg	ND	5.0	12/07/09 13:07	
sec-Butylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
Styrene	ug/kg	ND	5.0	12/07/09 13:07	
tert-Butylbenzene	ug/kg	ND	5.0	12/07/09 13:07	
Tetrachloroethene	ug/kg	ND	5.0	12/07/09 13:07	
Toluene	ug/kg	ND	5.0	12/07/09 13:07	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/07/09 13:07	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/07/09 13:07	
Trichloroethene	ug/kg	ND	5.0	12/07/09 13:07	
Trichlorofluoromethane	ug/kg	ND	5.0	12/07/09 13:07	
Vinyl acetate	ug/kg	ND	50.0	12/07/09 13:07	
Vinyl chloride	ug/kg	ND	10.0	12/07/09 13:07	
Xylene (Total)	ug/kg	ND	10.0	12/07/09 13:07	
1,2-Dichloroethane-d4 (S)	%	110	69-121	12/07/09 13:07	
4-Bromofluorobenzene (S)	%	96	74-115	12/07/09 13:07	
Dibromofluoromethane (S)	%	100	79-116	12/07/09 13:07	
Toluene-d8 (S)	%	101	88-110	12/07/09 13:07	

LABORATORY CONTROL SAMPLE: 375718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	55.7	111	75-137	
1,1,1-Trichloroethane	ug/kg	50	55.7	111	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	53.1	106	74-133	
1,1,2-Trichloroethane	ug/kg	50	56.9	114	79-129	
1,1-Dichloroethane	ug/kg	50	56.4	113	72-139	
1,1-Dichloroethene	ug/kg	50	62.4	125	69-154	
1,1-Dichloropropene	ug/kg	50	56.8	114	74-138	
1,2,3-Trichlorobenzene	ug/kg	50	50.9	102	71-150	
1,2,3-Trichloropropane	ug/kg	50	54.8	110	74-135	
1,2,4-Trichlorobenzene	ug/kg	50	51.5	103	68-150	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank

Pace Project No.: 9258915

LABORATORY CONTROL SAMPLE: 375718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	57.2	114	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	54.5	109	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	54.5	109	77-136	
1,2-Dichlorobenzene	ug/kg	50	51.9	104	75-141	
1,2-Dichloroethane	ug/kg	50	60.3	121	74-134	
1,2-Dichloropropane	ug/kg	50	58.4	117	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	55.4	111	65-128	
1,3-Dichlorobenzene	ug/kg	50	53.8	108	76-133	
1,3-Dichloropropane	ug/kg	50	54.4	109	79-132	
1,4-Dichlorobenzene	ug/kg	50	51.8	104	75-137	
2,2-Dichloropropane	ug/kg	50	55.4	111	73-137	
2-Butanone (MEK)	ug/kg	100	122	122	61-138	
2-Chlorotoluene	ug/kg	50	53.8	108	73-138	
2-Hexanone	ug/kg	100	122	122	58-159	
4-Chlorotoluene	ug/kg	50	55.9	112	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	126	126	74-139	
Acetone	ug/kg	100	117	117	58-150	
Benzene	ug/kg	50	52.5	105	71-140	
Bromobenzene	ug/kg	50	57.0	114	72-144	
Bromochloromethane	ug/kg	50	50.6	101	78-133	
Bromodichloromethane	ug/kg	50	55.2	110	78-133	
Bromoform	ug/kg	50	58.6	117	74-132	
Bromomethane	ug/kg	50	48.6	97	63-184	
Carbon tetrachloride	ug/kg	50	61.4	123	73-143	
Chlorobenzene	ug/kg	50	53.2	106	77-137	
Chloroethane	ug/kg	50	64.9	130	68-146	
Chloroform	ug/kg	50	54.2	108	75-137	
Chloromethane	ug/kg	50	57.6	115	54-143	
cis-1,2-Dichloroethene	ug/kg	50	56.2	112	71-143	
cis-1,3-Dichloropropene	ug/kg	50	59.0	118	76-133	
Dibromochloromethane	ug/kg	50	53.7	107	77-131	
Dibromomethane	ug/kg	50	58.4	117	63-184	
Dichlorodifluoromethane	ug/kg	50	58.8	118	36-173	
Diisopropyl ether	ug/kg	50	56.5	113	68-144	
Ethylbenzene	ug/kg	50	53.4	107	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	51.8	104	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	54.0	108	77-143	
m&p-Xylene	ug/kg	100	108	108	72-138	
Methyl-tert-butyl ether	ug/kg	50	59.4	119	2-138	
Methylene Chloride	ug/kg	50	64.9	130	69-136	
n-Butylbenzene	ug/kg	50	55.0	110	65-128	
n-Propylbenzene	ug/kg	50	56.2	112	72-139	
Naphthalene	ug/kg	50	53.6	107	61-138	
o-Xylene	ug/kg	50	54.4	109	74-137	
p-Isopropyltoluene	ug/kg	50	55.1	110	66-128	
sec-Butylbenzene	ug/kg	50	54.1	108	72-140	
Styrene	ug/kg	50	54.2	108	76-137	
tert-Butylbenzene	ug/kg	50	56.1	112	68-141	

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank

Pace Project No.: 9258915

LABORATORY CONTROL SAMPLE: 375718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	50	52.7	105	72-136	
Toluene	ug/kg	50	53.0	106	69-139	
trans-1,2-Dichloroethene	ug/kg	50	58.7	117	72-144	
trans-1,3-Dichloropropene	ug/kg	50	61.6	123	73-135	
Trichloroethene	ug/kg	50	56.1	112	75-136	
Trichlorofluoromethane	ug/kg	50	62.6	125	69-144	
Vinyl acetate	ug/kg	100	137	137	50-150	
Vinyl chloride	ug/kg	50	61.9	124	61-145	
Xylene (Total)	ug/kg	150	162	108	73-138	
1,2-Dichloroethane-d4 (S)	%			106	69-121	
4-Bromofluorobenzene (S)	%			98	74-115	
Dibromofluoromethane (S)	%			99	79-116	
Toluene-d8 (S)	%			99	88-110	

MATRIX SPIKE SAMPLE: 375959

Parameter	Units	9258886004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	57.8	53.5	93	33-158	
Benzene	ug/kg	ND	57.8	55.8	97	46-143	
Chlorobenzene	ug/kg	ND	57.8	57.6	100	29-159	
Toluene	ug/kg	ND	57.8	56.2	97	38-145	
Trichloroethene	ug/kg	ND	57.8	58.2	101	70-130	
1,2-Dichloroethane-d4 (S)	%				100	69-121	
4-Bromofluorobenzene (S)	%				99	74-115	
Dibromofluoromethane (S)	%				99	79-116	
Toluene-d8 (S)	%				99	88-110	

SAMPLE DUPLICATE: 375958

Parameter	Units	9258915001 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		

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

SAMPLE DUPLICATE: 375958

Parameter	Units	9258915001 Result	Dup Result	RPD	Qualifiers
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	ND		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	ND		
Benzene	ug/kg	ND	ND		
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		
Carbon tetrachloride	ug/kg	ND	ND		
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	ND		
Chloromethane	ug/kg	ND	ND		
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		
m&p-Xylene	ug/kg	ND	ND		
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
tert-Butylbenzene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	ND	ND		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		

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QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

SAMPLE DUPLICATE: 375958

Parameter	Units	9258915001 Result	Dup Result	RPD	Qualifiers
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		
Xylene (Total)	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	118	95	36	
4-Bromofluorobenzene (S)	%	96	99	10	
Dibromofluoromethane (S)	%	105	106	12	
Toluene-d8 (S)	%	101	100	16	

QUALITY CONTROL DATA

Project: TT-2 Tank Yank
Pace Project No.: 9258915

QC Batch: PMST/2919 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9258915001, 9258915002, 9258915003, 9258915004, 9258915005, 9258915006, 9258915007, 9258915008, 9258915009, 9258915010

SAMPLE DUPLICATE: 375823

Parameter	Units	9258911001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	13.8	13.8	0	

SAMPLE DUPLICATE: 375824

Parameter	Units	9258790007 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	15.6	15.2	3	

QUALIFIERS

Project: TT-2 Tank Yank
Pace Project No.: 9258915

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

LABORATORIES

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

ANALYTE QUALIFIERS

1g	The surrogate recovery was above the QC recovery limit. The sample was not re-extracted since no target analytes were detected in the sample.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.



Sample Condition Upon Receipt

Client Name: MFC

Project # 9258915

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

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

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

Thermometer Used T060

Type of Ice: Wet Blue None

☒ Samples on ice, cooling process has begun

Cooler Temperature 3.1

Biological Tissue is Frozen: Yes No N/A

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 12/2/09

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. ONCC Pg 1 of 2 Den #1 Did not receive UPH kit
Correct Containers Used:	☒ Yes ☐ No ☐ N/A	9. Receive 8260 kit for UPH for sample # 10
-Pace Containers Used:	☒ Yes ☐ No ☐ N/A	on loc
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. Received UPH kit with no ID, time, or Date
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	☒ Yes ☐ No ☐ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒ Yes ☐ No ☐ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased):	N/A	

Client Notification/ Resolution:

Field Data Required? Y / N / N/A

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 12/7/09

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)

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company: **MEC**
Address: **Trailer 1**
Meas cheras PT NC
Email To:
Phone: **252 442-1700** Fax: **252 442-2012**
Requested Due Date/TAT: **Rush**

Section B Required Project Information:

Report To: **Rob Finley**
Copy To: **Mike Rehner**
Purchase Order No.:
Project Name: **TT-2 TANK YANK**
Project Number:

Section C Invoice Information:

Attention: **Julie Smith**
Company Name: **MEC Corp**
Address: **Jacksonville, NC**
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: **3433-9**

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1322753

REGULATORY AGENCY

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

Site Location
STATE: **NC**

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	Y/N ↓	Requested Analysis Filtered (Y/N)						Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other			As	Cd	Cr	Cu	Pb	Se																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
				<i>[Signature]</i>	12/05/07	0915	3.1	4	2	4

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **WADE T. LEWIS**

SIGNATURE of SAMPLER: *[Signature]*

DATE Signed (MM/DD/YY): **12/3/07**

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