Advanced Environmental Alternatives, LLC

P. O. Box 300, Gainesville, VA 20156 Phone: (540) 788-3372 Fax: (540) 788-1717

September 13, 2012

Tom Wright
Fairfax Petroleum Realty, LLC
6820-B Commercial Drive
Springfield, VA 22151

RE: UST System Closure Report
Exxon Station
9901 Georgetown Pike
Great Falls, VA
Facility ID# 3009810
DEQ PC# 2010-3028

Dear Sir:

Advanced Environmental Alternatives, LLC (AEA) has prepared this UST System Closure Report to document the removal of the three Underground Storage Tanks (USTs), product dispensers and associated product piping at the above referenced property. A Topographic Map, a Site Map detailing Site properties and utilities, a Soil Sample Location Map, and photographic documentation of the UST Closure activities are attached.

The product dispensers, piping and USTs (one 12,000-gallon and two 10,000-gallon gasoline USTs) were removed from the ground on August 29, 2012. Prior to removal, the USTs were emptied of all contents, inerted with dry ice and vented until lower explosive limits below 10% were achieved. The USTs and product lines appeared to be in good condition with no obvious signs that they were leaking. Oily residue and gravel staining was observed under a fiberglass fitting which connects vapor recovery lines above the center UST. The USTs were crushed on site and disposed of in accordance with State and Local disposal regulations.

Evidence of a release of gasoline to the environment was noted as gasoline odors and soil vapor levels were recorded in soil samples collected during the soil sampling process at both the dispenser islands and at the base of the UST pit. The Commonwealth of Virginia, Department of Environmental Quality (DEQ) is currently requiring remediation under an approved Corrective Action Plan pursuant to Pollution Complaint Number (PC#) 2010-3028.

A total of 19 soil samples (see Site Map) were collected by Kleinfelder from beneath the product dispensers, product lines, USTs, and UST pit side walls. One sample was collected from beneath each of the four dispensers (D-1 through D-4), two samples were collected from the product Piping run (P-1 and P-2), three soil samples were collected from beneath each UST (T-1 through T-9) immediately upon their removal from the ground and four samples (S-1 through S-4) were collected from the north and west side walls. The samples were shipped under standard chain of custody to Lancaster Laboratories of Lancaster, Pennsylvania to be analyzed for Total Petroleum Hydrocarbon Gasoline Range Organics (TPH GRO) following EPA Method 8015M in accordance with Fairfax County Fire Marshall regulations and in accordance with the DEQ UST Closure Assessment Guidelines. Each sample was also analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260 for use in the ongoing remedial action under PC# 2010-3028.

Results of the soil sample analysis revealed the presence of TPH GRO in several samples ranging from 2.2 to 59 milligrams per kilogram (mg/kg). The highest TPH GRO concentrations of 59 mg/kg were found along the piping run at the west side of the dispenser island area. Laboratory report sheets are attached to this report. A summary of all results is presented in Table 1, below:

Table 1. Results of Soil Sample Analyses

Sample ID	Sample Date	Sample Depth (ft)	TPH GRO (mg/kg)
T-1	8-29-12	16	2.7
T-2	8-29-12	16	BDL
T-3	8-29-12	16	BDL
T-4	8-29-12	16	2.2
T-5	8-29-12	16	7.4
T-6	8-29-12	16	4.5
T-7	8-29-12	16	21
T-8	8-29-12	16	34
T-9	8-29-12	16	BDL
S-1	8-29-12	10	BDL
S-2	8-29-12	10	BDL
S-3	8-29-12	9	BDL
S-4	8-29-12	10	BDL
P-1	8-29-12	5	BDL
P-2	8-29-12	4.5	59
D-1	8-29-12	4.5	BDL
D-2	8-29-12	4	BDL
D-3	8-29-12	4	BDL
D-4	8-29-12	4	BDL

Notes: EPA methods 8015B
TPH GRO - Total Petroleum Hydrocarbons Gasoline Range Organics
mg/kg - milligrams per kilogram
BDL – Below Detection Limits

The Fairfax County Fire Marshalls office observed the UST removal process in accordance with the tank removal permit. The Fire Marshall asked for a copy of this report. An Inspection Report was provided by the Fire Marshal. A copy of the report is attached.

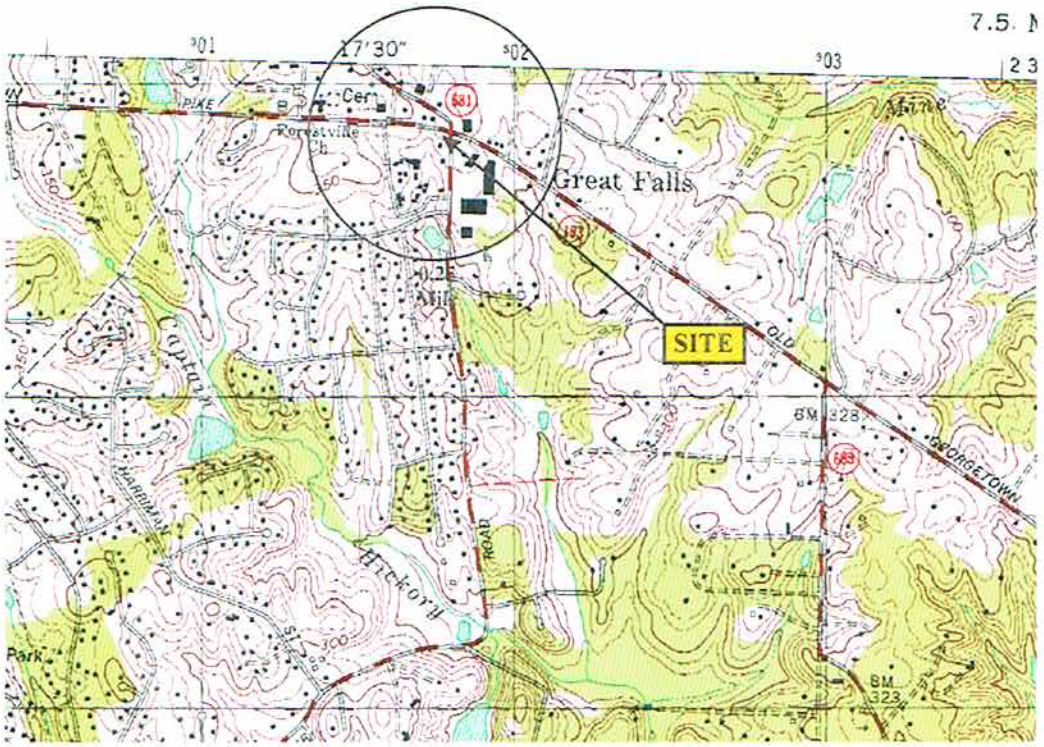
In accordance with DEQ Closure requirements a completed and signed Notification Form 7530-2 was completed and sent to the DEQ. A copy of that form is attached. If you have any questions or concerns regarding the information provided, please do not hesitate to contact me at (540) 788-3372.

Sincerely,
Advanced Environmental Alternatives, LLC

John D. Cook, CPG
Project Manager

cc: Fairfax County Fire Marshall's Office
Kurt Kochan, DEQ

Attachments: Topographic Map
Site Map
Photographic Documentation
Liquid Waste Disposal Manifest
Laboratory analytical reports
Fairfax County Fire Marshall Permit
DEQ Water Form 7530-2 Notification for USTs

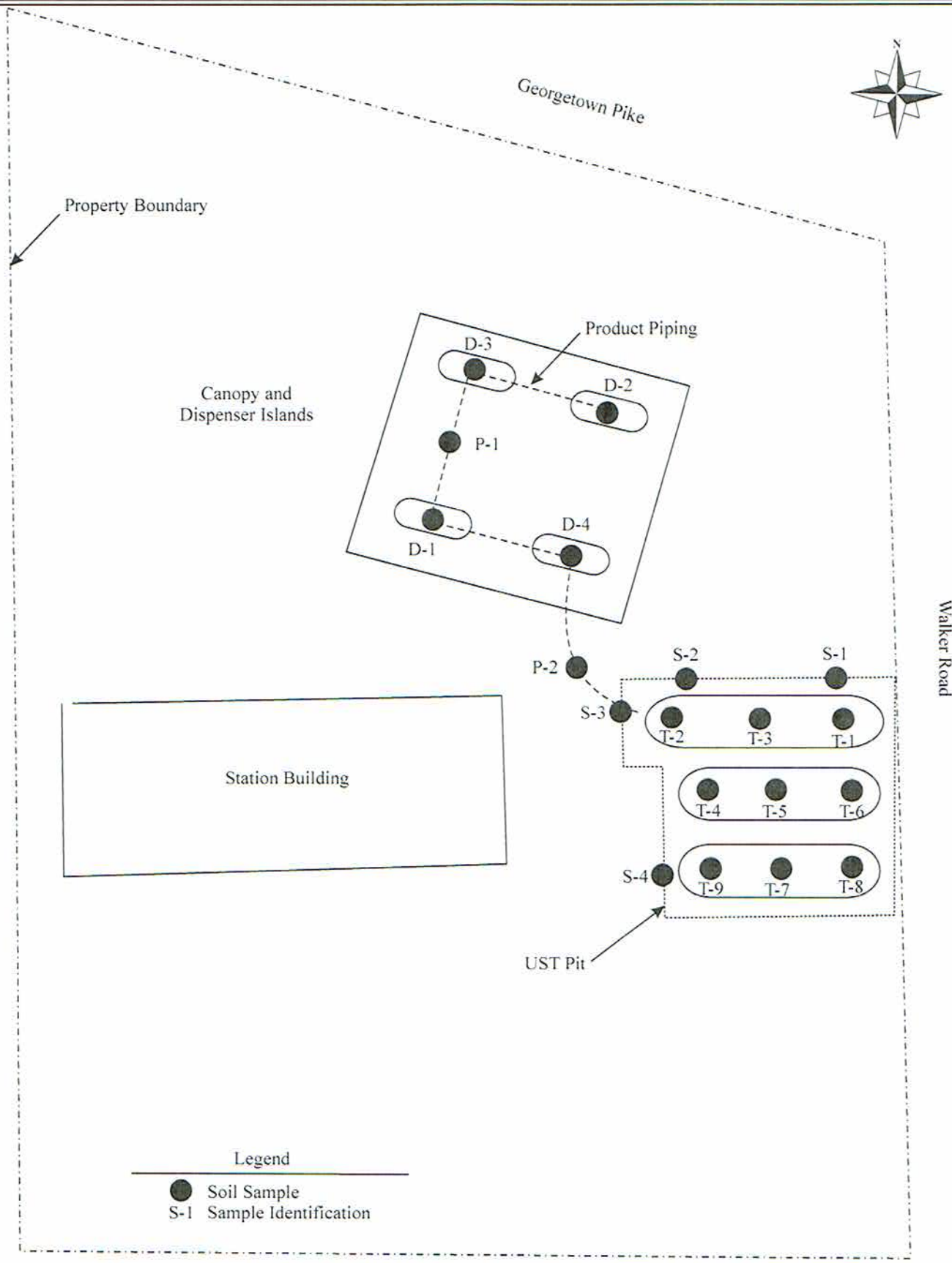


Source: USGS Topographic Map
Vienna – VA-MD Quadrangle
Created 1982
Contour Interval 10 Feet

Advanced Environmental Alternatives, LLC
P. O. Box 300
Gainesville, VA 20156
Phone: (540) 788-3372 Fax: (540) 788-1717

Date: 9-13-12
Revised:
File:
Scale: 1" = 2,000 feet
Checked By:
Drawn By: JDC

Topographic Map
Exxon Station 26140
9901 Georgetown Pike
Great Falls, Virginia



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P. O. Box 300
Gainesville, VA 20156
Phone: (540) 788-3372 Fax: (540) 788-1717

Date: 9-13-12
Revised:
File:
Scale: not to scale
Checked By:
Drawn By: JDC

Site Map
Exxon Station 26140
9801 Georgetown Pike
Great Falls, Virginia

PHOTOGRAPHS OF UST REMOVAL
EXXON # 26140
9901 Georgetown Pike
Great Falls, VA

PHOTO 1: VIEW OF SITE FROM ACROSS WALKER ROAD

PHOTO 2: USTS BEING EXPOSED FOR REMOVAL

PHOTOGRAPHS OF UST REMOVAL
EXXON # 26140
9901 Georgetown Pike
Great Falls, VA

PHOTO 3: STAINED PEA GRAVEL AT CENTRAL UST

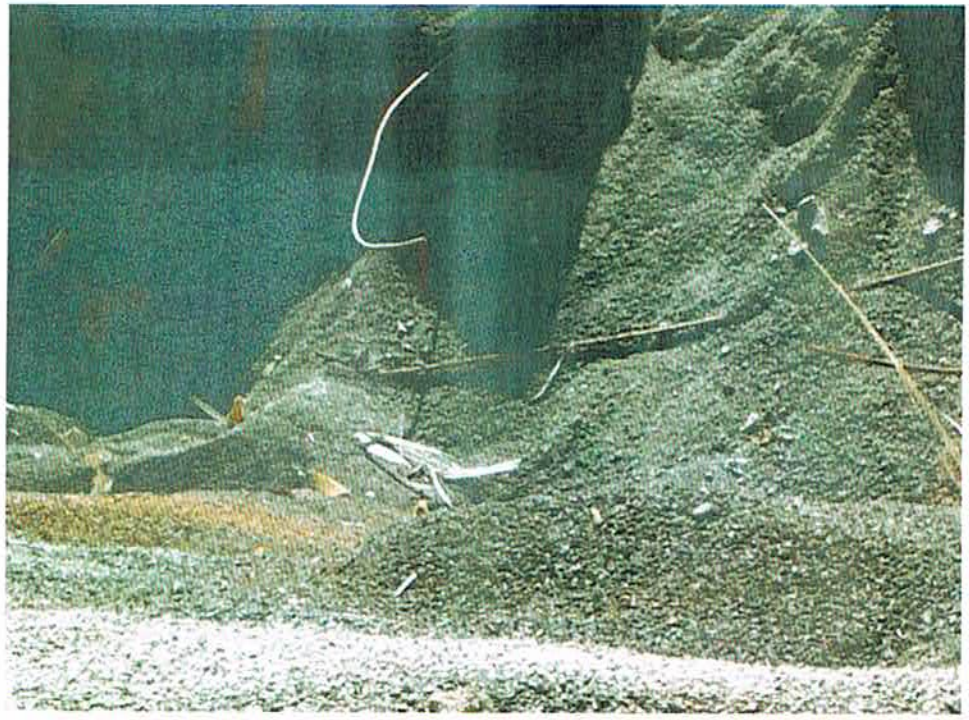

PHOTO 4: UST PIT AFTER ALL USTS ARE REMOVED FROM THE GROUND

Petroleum Management, Inc.

MD. Oil Operations Permit No: 2009-OPT-31821
EPA Identification No: MDR-000522794
Federal ID No: 52-2014536

5218 Curtis Avenue ♦ Baltimore, Maryland 21226 ♦ Phone 410-354-0200 ♦ Fax 410-354-0201

VAC #7

Bill of Lading/Manifest **№ 8083**

Generator/Shipper: EXXON STATION.			Billing Name: DAG PETROLEUM		
Site Address: 9901 GEORGETOWN PIKE			Address:		
City: GREAT FALLS	State: VA	Zip:	City:	State:	Zip:
Phone: (540) 450-7708	Contact: REX		Phone: ( )	Contact:	

Purchase Order NO:

MATERIAL CHARACTERIZATION (CHECK ALL THAT APPLY):

Description:	Gallons	Description:	Gallons	Description:	Gallons
Gasoline, 3, UN1203, PGII		Hazardous Waste, Liquid, 9 NA3082, PGIII		JP#4	
#2 Fuel Oil, 3, NA1993, PGIII		Hazardous Waste, Solid, 9 NA3077, PGIII		JP#5	
#4 Fuel Oil, 3 NA1993, PGIII		Paint Thinners, 3, UN1263, PGI		Jet A	
#6 Fuel Oil, 3, NA1993, PGIII		Ethylene Glycol, 9, UN3082, PGIII		Sludge	
Diesel, 3, NA1993, PGIII		Lube Oil		Petroleum Contaminated Water	620
Flammable Liquids, NOS, 3, UN1993, PGI		Waste Oil		Other:	
Corrosive Liquids, NOS, 8, UN1760, PGII		Kerosene		Other:	
No. of Drums		No. of Tanks:		Other:	
Scale Weights (Soil): Total: (Tons)		Tare: (Tons)		Net: (Tons)	

Service Description: VAC OUT FUEL LINES AND CLEAN TANK PRESSURE WASH CLEAN

PLACARDS TENDERED: ☐ YES ☒ NO

EMERGENCY CONTACT (410) 760-3703

Generator/Shipper Certification Statement

As the generator or shipper, I hereby certify that this material is properly classified and does not contain Polychlorinated Biphenyls (PCB'S). To the best of my knowledge it has not been mixed, combined or blended in any amount with any other material defined as hazardous waste under applicable law. Generator/Shipper agrees to indemnify and hold Petroleum Management, Inc. harmless for any damages arising from or in any way relating to a breach of this Certification Statement.

X Generator/Shipper Authorized Agent (Print): R. Mitchell — Date of Service: 8/28/2012

X Generator/Shipper Authorized Agent Signature: Rex Mitchell

HAULER/CARRIER INFORMATION

Co. Name: **Petroleum Management, Inc.**			Driver Name (print): JON COLENDRES
Street: **5218 Curtis Avenue**			Driver Signature: Jon Colendres
City: **Baltimore**	State: **MD**	Zip: **21226**	Phone: 410-354-0200

The above mentioned materials have been received by this facility and will be handled in accordance with all applicable rules and regulations. All quantities are subject to final verification by this facility and are indicated in far right box.

RECEIVING FACILITY ACCEPTANCE

Facility Name: Petroleum Management, Inc 5218 Curtis Avenue Baltimore, MD 21226	
Acceptance Signature:	
Phone:	Total Quantity Received: 620

White - Original Yellow - Transporter Pink - Facility Gold - Customer

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

Kleinfelder
1 Speen Street
Framingham MA 01701

September 10, 2012

Project: Fairfax 26140

Submittal Date: 08/31/2012
Group Number: 1332614
PO Number: 51141-229130
State of Sample Origin: VA

Client Sample Description	Lancaster Labs (LLI) #
S-1(10) Grab Soil	6774285
S-2(10) Grab Soil	6774286
S-3(9) Grab Soil	6774287
T-1(16) Grab Soil	6774288
T-2(16) Grab Soil	6774289
T-3(16) Grab Soil	6774290
T-4(16) Grab Soil	6774291
T-5(16) Grab Soil	6774292
T-6(16) Grab Soil	6774293
T-7(16) Grab Soil	6774294
T-8(16) Grab Soil	6774295
T-9(16) Grab Soil	6774296
P-1(5) Grab Soil	6774297
S-4(10) Grab Soil	6774298
P-2(4.5) Grab Soil	6774299
D-1(4.5) Grab Soil	6774300
D-2(4) Grab Soil	6774301
D-3(4) Grab Soil	6774302
D-4(4.5) Grab Soil	6774303

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele
ELECTRONIC	Kleinfelder	Attn: Angela Vogt

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

COPY TO		
ELECTRONIC	Kleinfelder	Attn: Candace Pittmon
COPY TO		
ELECTRONIC	Kleinfelder	Attn: Brian Barone
COPY TO		

Respectfully Submitted,

Natalie R. Luciano
Specialist

(717) 556-7258

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: S-1(10) Grab Soil
Fairfax 26140

LLI Sample # SW 6774285
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 06:55 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

S-110

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	Acetone	67-64-1	< 0.023	0.023	1
10237	Acrolein	107-02-8	< 0.11	0.11	1
10237	Acrylonitrile	107-13-1	< 0.023	0.023	1
10237	t-Amyl methyl ether	994-05-8	< 0.006	0.006	1
10237	Benzene	71-43-2	< 0.006	0.006	1
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	1
10237	Bromoform	75-25-2	< 0.006	0.006	1
10237	Bromomethane	74-83-9	< 0.006	0.006	1
10237	2-Butanone	78-93-3	< 0.011	0.011	1
10237	t-Butyl alcohol	75-65-0	< 0.11	0.11	1
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	1
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	1
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	1
10237	Chlorobenzene	108-90-7	< 0.006	0.006	1
10237	Chloroethane	75-00-3	< 0.006	0.006	1
10237	Chloroform	67-66-3	< 0.006	0.006	1
10237	Chloromethane	74-87-3	< 0.006	0.006	1
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	1
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	1
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	1
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	1
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	1
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	1
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	1
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	1
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	1
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	1
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	1
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	1
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	1
10237	Ethylbenzene	100-41-4	< 0.006	0.006	1
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	1
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	1
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	1
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.006	0.006	1
10237	Methylene Chloride	75-09-2	< 0.006	0.006	1
10237	Naphthalene	91-20-3	< 0.006	0.006	1
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	1
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	1
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	1
10237	Toluene	108-88-3	< 0.006	0.006	1
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	1
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	1
10237	Trichloroethene	79-01-6	< 0.006	0.006	1
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	1
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.006	0.006	1
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.006	0.006	1
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	1
10237	Xylene (Total)	1330-20-7	< 0.006	0.006	1

2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: S-1(10) Grab Soil
Fairfax 26140

LLI Sample # SW 6774285
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 06:55 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

S-110

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.1	1.1	24.18
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**12.3**	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/03/2012 22:34	Andrea E Lando	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 06:55	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 06:55	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 06:55	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12243A31B	09/06/2012 12:22	Laura M Krieger	24.18
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 06:55	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: S-2(10) Grab Soil
Fairfax 26140

LLI Sample # SW 6774286
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 07:00 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

S-210

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	Acetone	67-64-1	< 0.024	0.024	1
10237	Acrolein	107-02-8	< 0.12	0.12	1
10237	Acrylonitrile	107-13-1	< 0.024	0.024	1
10237	t-Amyl methyl ether	994-05-8	< 0.006	0.006	1
10237	Benzene	71-43-2	< 0.006	0.006	1
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	1
10237	Bromoform	75-25-2	< 0.006	0.006	1
10237	Bromomethane	74-83-9	< 0.006	0.006	1
10237	2-Butanone	78-93-3	< 0.012	0.012	1
10237	t-Butyl alcohol	75-65-0	< 0.12	0.12	1
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	1
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	1
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	1
10237	Chlorobenzene	108-90-7	< 0.006	0.006	1
10237	Chloroethane	75-00-3	< 0.006	0.006	1
10237	Chloroform	67-66-3	< 0.006	0.006	1
10237	Chloromethane	74-87-3	< 0.006	0.006	1
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	1
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	1
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	1
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	1
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	1
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	1
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	1
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	1
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	1
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	1
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	1
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	1
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	1
10237	Ethylbenzene	100-41-4	< 0.006	0.006	1
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	1
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	1
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	1
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.006	0.006	1
10237	Methylene Chloride	75-09-2	< 0.006	0.006	1
10237	Naphthalene	91-20-3	< 0.006	0.006	1
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	1
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	1
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	1
10237	Toluene	108-88-3	< 0.006	0.006	1
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	1
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	1
10237	Trichloroethene	79-01-6	< 0.006	0.006	1
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	1
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.006	0.006	1
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.006	0.006	1
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	1
10237	Xylene (Total)	1330-20-7	< 0.006	0.006	1

2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards

eurofins | Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Sample Description: S-2(10) Grab Soil
Fairfax 26140

LLI Sample # SW 6774286
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 07:00 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

S-210

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.2	1.2	25
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**16.8**	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/03/2012 22:57	Andrea E Lando	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 07:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 07:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 07:00	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12243A31B	09/06/2012 12:58	Laura M Krieger	25
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 07:00	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: S-3(9) Grab Soil
Fairfax 26140

LLI Sample # SW 6774287
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 07:20 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

S-309

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	
10237	**Acetone**	67-64-1	**0.14**	0.028	1.03
10237	Acrolein	107-02-8	< 0.14	0.14	1.03
10237	Acrylonitrile	107-13-1	< 0.028	0.028	1.03
10237	t-Amyl methyl ether	994-05-8	< 0.007	0.007	1.03
10237	Benzene	71-43-2	< 0.007	0.007	1.03
10237	Bromodichloromethane	75-27-4	< 0.007	0.007	1.03
10237	Bromoform	75-25-2	< 0.007	0.007	1.03
10237	Bromomethane	74-83-9	< 0.007	0.007	1.03
10237	2-Butanone	78-93-3	< 0.014	0.014	1.03
10237	t-Butyl alcohol	75-65-0	< 0.14	0.14	1.03
10237	n-Butylbenzene	104-51-8	< 0.007	0.007	1.03
10237	sec-Butylbenzene	135-98-8	< 0.007	0.007	1.03
10237	Carbon Tetrachloride	56-23-5	< 0.007	0.007	1.03
10237	Chlorobenzene	108-90-7	< 0.007	0.007	1.03
10237	Chloroethane	75-00-3	< 0.007	0.007	1.03
10237	Chloroform	67-66-3	< 0.007	0.007	1.03
10237	Chloromethane	74-87-3	< 0.007	0.007	1.03
10237	Dibromochloromethane	124-48-1	< 0.007	0.007	1.03
10237	1,2-Dichlorobenzene	95-50-1	< 0.007	0.007	1.03
10237	1,3-Dichlorobenzene	541-73-1	< 0.007	0.007	1.03
10237	1,4-Dichlorobenzene	106-46-7	< 0.007	0.007	1.03
10237	1,1-Dichloroethane	75-34-3	< 0.007	0.007	1.03
10237	1,2-Dichloroethane	107-06-2	< 0.007	0.007	1.03
10237	1,1-Dichloroethene	75-35-4	< 0.007	0.007	1.03
10237	cis-1,2-Dichloroethene	156-59-2	< 0.007	0.007	1.03
10237	trans-1,2-Dichloroethene	156-60-5	< 0.007	0.007	1.03
10237	1,2-Dichloropropane	78-87-5	< 0.007	0.007	1.03
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.007	0.007	1.03
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.007	0.007	1.03
10237	Ethyl t-butyl ether	637-92-3	< 0.007	0.007	1.03
10237	Ethylbenzene	100-41-4	< 0.007	0.007	1.03
10237	di-Isopropyl ether	108-20-3	< 0.007	0.007	1.03
10237	Isopropylbenzene	98-82-8	< 0.007	0.007	1.03
10237	p-Isopropyltoluene	99-87-6	< 0.007	0.007	1.03
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.012**	0.007	1.03
10237	Methylene Chloride	75-09-2	< 0.007	0.007	1.03
10237	Naphthalene	91-20-3	< 0.007	0.007	1.03
10237	n-Propylbenzene	103-65-1	< 0.007	0.007	1.03
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.007	0.007	1.03
10237	Tetrachloroethene	127-18-4	< 0.007	0.007	1.03
10237	Toluene	108-88-3	< 0.007	0.007	1.03
10237	1,1,1-Trichloroethane	71-55-6	< 0.007	0.007	1.03
10237	1,1,2-Trichloroethane	79-00-5	< 0.007	0.007	1.03
10237	Trichloroethene	79-01-6	< 0.007	0.007	1.03
10237	Trichlorofluoromethane	75-69-4	< 0.007	0.007	1.03
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.007	0.007	1.03
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.007	0.007	1.03
10237	Vinyl Chloride	75-01-4	< 0.007	0.007	1.03
10237	Xylene (Total)	1330-20-7	< 0.007	0.007	1.03

2-Chlorethyl vinyl ether is an acid labile compound and cannot

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: S-3(9) Grab Soil
Fairfax 26140

LLI Sample # SW 6774287
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 07:20 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

S-309

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	be reported due to acid preservation of the samples and standards in this method.				
GC Volatiles		**SW-846 8015B**	**mg/kg**	**mg/kg**	
01637	TPH-GRO soil C6-C10	n.a.	< 1.3	1.3	23.72
Wet Chemistry		**SM20 2540 G**	**%**	**%**	
00111	**Moisture**	n.a.	**25.6**	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/03/2012 23:20	Andrea E Lando	1.03
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 07:20	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 07:20	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 07:20	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12243A31B	09/06/2012 13:35	Laura M Krieger	23.72
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 07:20	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Sample Description: T-1(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774288
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 07:50 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-116

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.029**	0.023	1
10237	Acrolein	107-02-8	< 0.12	0.12	1
10237	Acrylonitrile	107-13-1	< 0.023	0.023	1
10237	t-Amyl methyl ether	994-05-8	< 0.006	0.006	1
10237	**Benzene**	71-43-2	**0.018**	0.006	1
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	1
10237	Bromoform	75-25-2	< 0.006	0.006	1
10237	Bromomethane	74-83-9	< 0.006	0.006	1
10237	2-Butanone	78-93-3	< 0.012	0.012	1
10237	t-Butyl alcohol	75-65-0	< 0.12	0.12	1
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	1
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	1
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	1
10237	Chlorobenzene	108-90-7	< 0.006	0.006	1
10237	Chloroethane	75-00-3	< 0.006	0.006	1
10237	Chloroform	67-66-3	< 0.006	0.006	1
10237	Chloromethane	74-87-3	< 0.006	0.006	1
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	1
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	1
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	1
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	1
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	1
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	1
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	1
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	1
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	1
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	1
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	1
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	1
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	1
10237	**Ethylbenzene**	100-41-4	**0.019**	0.006	1
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	1
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	1
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	1
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.009**	0.006	1
10237	Methylene Chloride	75-09-2	< 0.006	0.006	1
10237	Naphthalene	91-20-3	< 0.006	0.006	1
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	1
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	1
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	1
10237	**Toluene**	108-88-3	**0.22**	0.006	1
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	1
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	1
10237	Trichloroethene	79-01-6	< 0.006	0.006	1
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	1
10237	**1,2,4-Trimethylbenzene**	95-63-6	**0.011**	0.006	1
10237	**1,3,5-Trimethylbenzene**	108-67-8	**0.008**	0.006	1
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	1
10237	**Xylene (Total)**	1330-20-7	**0.13**	0.006	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-1(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774288
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 07:50 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-116

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards in this method.				
GC Volatiles		SW-846 8015B	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	2.7	1	21.22
Wet Chemistry		SM20 2540 G	%	%	
00111	Moisture	n.a.	14.0	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 05:05	Andrea E Lando	1
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 07:50	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 07:50	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 07:50	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12243A31B	09/06/2012 14:11	Laura M Krieger	21.22
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 07:50	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-2(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774289
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 08:00 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-216

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.19**	0.030	1.06
10237	Acrolein	107-02-8	< 0.15	0.15	1.06
10237	Acrylonitrile	107-13-1	< 0.030	0.030	1.06
10237	t-Amyl methyl ether	994-05-8	< 0.007	0.007	1.06
10237	Benzene	71-43-2	< 0.007	0.007	1.06
10237	Bromodichloromethane	75-27-4	< 0.007	0.007	1.06
10237	Bromoform	75-25-2	< 0.007	0.007	1.06
10237	Bromomethane	74-83-9	< 0.007	0.007	1.06
10237	2-Butanone	78-93-3	< 0.015	0.015	1.06
10237	**t-Butyl alcohol**	75-65-0	**0.25**	0.15	1.06
10237	n-Butylbenzene	104-51-8	< 0.007	0.007	1.06
10237	sec-Butylbenzene	135-98-8	< 0.007	0.007	1.06
10237	Carbon Tetrachloride	56-23-5	< 0.007	0.007	1.06
10237	Chlorobenzene	108-90-7	< 0.007	0.007	1.06
10237	Chloroethane	75-00-3	< 0.007	0.007	1.06
10237	Chloroform	67-66-3	< 0.007	0.007	1.06
10237	Chloromethane	74-87-3	< 0.007	0.007	1.06
10237	Dibromochloromethane	124-48-1	< 0.007	0.007	1.06
10237	1,2-Dichlorobenzene	95-50-1	< 0.007	0.007	1.06
10237	1,3-Dichlorobenzene	541-73-1	< 0.007	0.007	1.06
10237	1,4-Dichlorobenzene	106-46-7	< 0.007	0.007	1.06
10237	1,1-Dichloroethane	75-34-3	< 0.007	0.007	1.06
10237	1,2-Dichloroethane	107-06-2	< 0.007	0.007	1.06
10237	1,1-Dichloroethene	75-35-4	< 0.007	0.007	1.06
10237	cis-1,2-Dichloroethene	156-59-2	< 0.007	0.007	1.06
10237	trans-1,2-Dichloroethene	156-60-5	< 0.007	0.007	1.06
10237	1,2-Dichloropropane	78-87-5	< 0.007	0.007	1.06
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.007	0.007	1.06
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.007	0.007	1.06
10237	Ethyl t-butyl ether	637-92-3	< 0.007	0.007	1.06
10237	Ethylbenzene	100-41-4	< 0.007	0.007	1.06
10237	**di-Isopropyl ether**	108-20-3	**0.008**	0.007	1.06
10237	Isopropylbenzene	98-82-8	< 0.007	0.007	1.06
10237	p-Isopropyltoluene	99-87-6	< 0.007	0.007	1.06
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.030**	0.007	1.06
10237	Methylene Chloride	75-09-2	< 0.007	0.007	1.06
10237	Naphthalene	91-20-3	< 0.007	0.007	1.06
10237	n-Propylbenzene	103-65-1	< 0.007	0.007	1.06
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.007	0.007	1.06
10237	Tetrachloroethene	127-18-4	< 0.007	0.007	1.06
10237	**Toluene**	108-88-3	**0.059**	0.007	1.06
10237	1,1,1-Trichloroethane	71-55-6	< 0.007	0.007	1.06
10237	1,1,2-Trichloroethane	79-00-5	< 0.007	0.007	1.06
10237	Trichloroethene	79-01-6	< 0.007	0.007	1.06
10237	Trichlorofluoromethane	75-69-4	< 0.007	0.007	1.06
10237	**1,2,4-Trimethylbenzene**	95-63-6	**0.012**	0.007	1.06
10237	**1,3,5-Trimethylbenzene**	108-67-8	**0.007**	0.007	1.06
10237	Vinyl Chloride	75-01-4	< 0.007	0.007	1.06
10237	**Xylene (Total)**	1330-20-7	**0.074**	0.007	1.06

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-2(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774289
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 08:00 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-216

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.5	1.5	26.26
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**29.2**	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 03:56	Andrea E Lando	1.06
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 08:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 08:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 08:00	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12243A31B	09/06/2012 14:47	Laura M Krieger	26.26
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 08:00	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-3(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774290
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 08:15 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-316

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	Acetone	67-64-1	< 0.023	0.023	0.99
10237	Acrolein	107-02-8	< 0.11	0.11	0.99
10237	Acrylonitrile	107-13-1	< 0.023	0.023	0.99
10237	t-Amyl methyl ether	994-05-8	< 0.006	0.006	0.99
10237	Benzene	71-43-2	< 0.006	0.006	0.99
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	0.99
10237	Bromoform	75-25-2	< 0.006	0.006	0.99
10237	Bromomethane	74-83-9	< 0.006	0.006	0.99
10237	2-Butanone	78-93-3	< 0.011	0.011	0.99
10237	**t-Butyl alcohol**	75-65-0	**0.72**	0.11	0.99
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	0.99
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	0.99
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	0.99
10237	Chlorobenzene	108-90-7	< 0.006	0.006	0.99
10237	Chloroethane	75-00-3	< 0.006	0.006	0.99
10237	Chloroform	67-66-3	< 0.006	0.006	0.99
10237	Chloromethane	74-87-3	< 0.006	0.006	0.99
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	0.99
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	0.99
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	0.99
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	0.99
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	0.99
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	0.99
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	0.99
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	0.99
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	0.99
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	0.99
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	0.99
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	0.99
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	0.99
10237	Ethylbenzene	100-41-4	< 0.006	0.006	0.99
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	0.99
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	0.99
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	0.99
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.028**	0.006	0.99
10237	Methylene Chloride	75-09-2	< 0.006	0.006	0.99
10237	Naphthalene	91-20-3	< 0.006	0.006	0.99
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	0.99
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	0.99
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	0.99
10237	Toluene	108-88-3	< 0.006	0.006	0.99
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	0.99
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	0.99
10237	Trichloroethene	79-01-6	< 0.006	0.006	0.99
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	0.99
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.006	0.006	0.99
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.006	0.006	0.99
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	0.99
10237	Xylene (Total)	1330-20-7	< 0.006	0.006	0.99

2-Chlorethyl vinyl ether is an acid labile compound and cannot

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-3(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774290
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 08:15 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-316

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	be reported due to acid preservation of the samples and standards in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.3	1.3	27.78
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**13.7**	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 04:19	Andrea E Lando	0.99
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 08:15	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 08:15	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 08:15	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 15:28	Laura M Krieger	27.78
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 08:15	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-4(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774291
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 09:40 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-416

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.32**	0.024	0.9
10237	Acrolein	107-02-8	< 0.12	0.12	0.9
10237	Acrylonitrile	107-13-1	< 0.024	0.024	0.9
10237	**t-Amyl methyl ether**	994-05-8	**0.011**	0.006	0.9
10237	**Benzene**	71-43-2	**0.013**	0.006	0.9
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	0.9
10237	Bromoform	75-25-2	< 0.006	0.006	0.9
10237	Bromomethane	74-83-9	< 0.006	0.006	0.9
10237	**2-Butanone**	78-93-3	**0.022**	0.012	0.9
10237	**t-Butyl alcohol**	75-65-0	**1.4**	0.12	0.9
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	0.9
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	0.9
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	0.9
10237	Chlorobenzene	108-90-7	< 0.006	0.006	0.9
10237	Chloroethane	75-00-3	< 0.006	0.006	0.9
10237	Chloroform	67-66-3	< 0.006	0.006	0.9
10237	Chloromethane	74-87-3	< 0.006	0.006	0.9
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	0.9
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	0.9
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	0.9
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	0.9
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	0.9
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	0.9
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	0.9
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	0.9
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	0.9
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	0.9
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	0.9
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	0.9
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	0.9
10237	Ethylbenzene	100-41-4	< 0.006	0.006	0.9
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	0.9
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	0.9
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	0.9
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.056**	0.006	0.9
10237	Methylene Chloride	75-09-2	< 0.006	0.006	0.9
10237	Naphthalene	91-20-3	< 0.006	0.006	0.9
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	0.9
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	0.9
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	0.9
10237	**Toluene**	108-88-3	**0.034**	0.006	0.9
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	0.9
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	0.9
10237	Trichloroethene	79-01-6	< 0.006	0.006	0.9
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	0.9
10237	**1,2,4-Trimethylbenzene**	95-63-6	**0.019**	0.006	0.9
10237	**1,3,5-Trimethylbenzene**	108-67-8	**0.015**	0.006	0.9
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	0.9

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-4(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774291
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 09:40 by CL

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

T-416

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	Xylene (Total)	1330-20-7	0.16	0.006	0.9
	2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards in this method.				
GC Volatiles	SW-846 8015B		mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	2.2	1.2	22.81
Wet Chemistry	SM20 2540 G		%	%	
00111	Moisture	n.a.	26.7	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 04:42	Andrea E Lando	0.9
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 09:40	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 09:40	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 09:40	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 16:04	Laura M Krieger	22.81
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 09:40	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-5(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774292
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 10:10 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-516

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.091**	0.024	1.01
10237	Acrolein	107-02-8	< 0.12	0.12	1.01
10237	Acrylonitrile	107-13-1	< 0.024	0.024	1.01
10237	t-Amyl methyl ether	994-05-8	< 0.006	0.006	1.01
10237	Benzene	71-43-2	< 0.006	0.006	1.01
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	1.01
10237	Bromoform	75-25-2	< 0.006	0.006	1.01
10237	Bromomethane	74-83-9	< 0.006	0.006	1.01
10237	2-Butanone	78-93-3	< 0.012	0.012	1.01
10237	**t-Butyl alcohol**	75-65-0	**0.63**	0.12	1.01
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	1.01
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	1.01
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	1.01
10237	Chlorobenzene	108-90-7	< 0.006	0.006	1.01
10237	Chloroethane	75-00-3	< 0.006	0.006	1.01
10237	Chloroform	67-66-3	< 0.006	0.006	1.01
10237	Chloromethane	74-87-3	< 0.006	0.006	1.01
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	1.01
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	1.01
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	1.01
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	1.01
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	1.01
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	1.01
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	1.01
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	1.01
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	1.01
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	1.01
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	1.01
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	1.01
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	1.01
10237	Ethylbenzene	100-41-4	< 0.006	0.006	1.01
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	1.01
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	1.01
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	1.01
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.013**	0.006	1.01
10237	Methylene Chloride	75-09-2	< 0.006	0.006	1.01
10237	Naphthalene	91-20-3	< 0.006	0.006	1.01
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	1.01
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	1.01
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	1.01
10237	**Toluene**	108-88-3	**0.008**	0.006	1.01
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	1.01
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	1.01
10237	Trichloroethene	79-01-6	< 0.006	0.006	1.01
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	1.01
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.006	0.006	1.01
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.006	0.006	1.01
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	1.01
10237	**Xylene (Total)**	1330-20-7	**0.025**	0.006	1.01

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-5(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774292
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 10:10 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-516

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	7.4	1.2	24.65
Wet Chemistry		**SM20 2540 G**	%	%	
00111	Moisture	n.a.	16.5	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 05:27	Andrea E Lando	1.01
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 10:10	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 10:10	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 10:10	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 16:40	Laura M Krieger	24.65
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 10:10	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-6(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774293
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 11:05 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-616

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.14**	0.023	1.02
10237	Acrolein	107-02-8	< 0.12	0.12	1.02
10237	Acrylonitrile	107-13-1	< 0.023	0.023	1.02
10237	t-Amyl methyl ether	994-05-8	< 0.006	0.006	1.02
10237	**Benzene**	71-43-2	**0.016**	0.006	1.02
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	1.02
10237	Bromoform	75-25-2	< 0.006	0.006	1.02
10237	Bromomethane	74-83-9	< 0.006	0.006	1.02
10237	2-Butanone	78-93-3	< 0.012	0.012	1.02
10237	**t-Butyl alcohol**	75-65-0	**0.73**	0.12	1.02
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	1.02
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	1.02
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	1.02
10237	Chlorobenzene	108-90-7	< 0.006	0.006	1.02
10237	Chloroethane	75-00-3	< 0.006	0.006	1.02
10237	Chloroform	67-66-3	< 0.006	0.006	1.02
10237	Chloromethane	74-87-3	< 0.006	0.006	1.02
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	1.02
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	1.02
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	1.02
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	1.02
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	1.02
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	1.02
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	1.02
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	1.02
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	1.02
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	1.02
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	1.02
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	1.02
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	1.02
10237	**Ethylbenzene**	100-41-4	**0.008**	0.006	1.02
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	1.02
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	1.02
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	1.02
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.019**	0.006	1.02
10237	Methylene Chloride	75-09-2	< 0.006	0.006	1.02
10237	Naphthalene	91-20-3	< 0.006	0.006	1.02
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	1.02
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	1.02
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	1.02
10237	**Toluene**	108-88-3	**0.084**	0.006	1.02
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	1.02
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	1.02
10237	Trichloroethene	79-01-6	< 0.006	0.006	1.02
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	1.02
10237	**1,2,4-Trimethylbenzene**	95-63-6	**0.011**	0.006	1.02
10237	**1,3,5-Trimethylbenzene**	108-67-8	**0.009**	0.006	1.02
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	1.02

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Analysis Report

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Sample Description: T-6(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774293
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 11:05 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-616

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		mg/kg	mg/kg	
10237	**Xylene (Total)**	1330-20-7	**0.11**	0.006	1.02
	2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards in this method.				
GC Volatiles	**SW-846 8015B**		mg/kg	mg/kg	
01637	**TPH-GRO soil C6-C10**	n.a.	**4.5**	1.1	23.63
Wet Chemistry	**SM20 2540 G**		%	%	
00111	**Moisture**	n.a.	**12.1**	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 05:51	Andrea E Lando	1.02
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 11:05	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 11:05	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 11:05	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 17:16	Laura M Krieger	23.63
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 11:05	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-7(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774294
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 13:00 by CL

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

T-716

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.19**	0.029	1.28
10237	Acrolein	107-02-8	< 0.14	0.14	1.28
10237	Acrylonitrile	107-13-1	< 0.029	0.029	1.28
10237	**t-Amyl methyl ether**	994-05-8	**0.007**	0.007	1.28
10237	**Benzene**	71-43-2	**0.037**	0.007	1.28
10237	Bromodichloromethane	75-27-4	< 0.007	0.007	1.28
10237	Bromoform	75-25-2	< 0.007	0.007	1.28
10237	Bromomethane	74-83-9	< 0.007	0.007	1.28
10237	2-Butanone	78-93-3	< 0.014	0.014	1.28
10237	**t-Butyl alcohol**	75-65-0	**2.6 E**	0.14	1.28
10237	n-Butylbenzene	104-51-8	< 0.007	0.007	1.28
10237	sec-Butylbenzene	135-98-8	< 0.007	0.007	1.28
10237	Carbon Tetrachloride	56-23-5	< 0.007	0.007	1.28
10237	Chlorobenzene	108-90-7	< 0.007	0.007	1.28
10237	Chloroethane	75-00-3	< 0.007	0.007	1.28
10237	Chloroform	67-66-3	< 0.007	0.007	1.28
10237	Chloromethane	74-87-3	< 0.007	0.007	1.28
10237	Dibromochloromethane	124-48-1	< 0.007	0.007	1.28
10237	1,2-Dichlorobenzene	95-50-1	< 0.007	0.007	1.28
10237	1,3-Dichlorobenzene	541-73-1	< 0.007	0.007	1.28
10237	1,4-Dichlorobenzene	106-46-7	< 0.007	0.007	1.28
10237	1,1-Dichloroethane	75-34-3	< 0.007	0.007	1.28
10237	1,2-Dichloroethane	107-06-2	< 0.007	0.007	1.28
10237	1,1-Dichloroethene	75-35-4	< 0.007	0.007	1.28
10237	cis-1,2-Dichloroethene	156-59-2	< 0.007	0.007	1.28
10237	trans-1,2-Dichloroethene	156-60-5	< 0.007	0.007	1.28
10237	1,2-Dichloropropane	78-87-5	< 0.007	0.007	1.28
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.007	0.007	1.28
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.007	0.007	1.28
10237	Ethyl t-butyl ether	637-92-3	< 0.007	0.007	1.28
10237	**Ethylbenzene**	100-41-4	**0.014**	0.007	1.28
10237	di-Isopropyl ether	108-20-3	< 0.007	0.007	1.28
10237	Isopropylbenzene	98-82-8	< 0.007	0.007	1.28
10237	p-Isopropyltoluene	99-87-6	< 0.007	0.007	1.28
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.028**	0.007	1.28
10237	Methylene Chloride	75-09-2	< 0.007	0.007	1.28
10237	Naphthalene	91-20-3	< 0.007	0.007	1.28
10237	n-Propylbenzene	103-65-1	< 0.007	0.007	1.28
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.007	0.007	1.28
10237	Tetrachloroethene	127-18-4	< 0.007	0.007	1.28
10237	**Toluene**	108-88-3	**0.040**	0.007	1.28
10237	1,1,1-Trichloroethane	71-55-6	< 0.007	0.007	1.28
10237	1,1,2-Trichloroethane	79-00-5	< 0.007	0.007	1.28
10237	Trichloroethene	79-01-6	< 0.007	0.007	1.28
10237	Trichlorofluoromethane	75-69-4	< 0.007	0.007	1.28
10237	**1,2,4-Trimethylbenzene**	95-63-6	**0.050**	0.007	1.28
10237	**1,3,5-Trimethylbenzene**	108-67-8	**0.032**	0.007	1.28
10237	Vinyl Chloride	75-01-4	< 0.007	0.007	1.28

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Analysis Report

Sample Description: T-7(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774294
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 13:00 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-716

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles		**SW-846 8260B**	mg/kg	mg/kg	
10237	**Xylene (Total)**	1330-20-7	**0.19**	0.007	1.28
	2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards in this method.				
	The concentration reported for t-butyl alcohol is estimated since it exceeds the calibration range of the instrument when determined by the low level method, but is less than the quantitation limit when determined by the high level method. The result reported is from the low level determination.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	**TPH-GRO soil C6-C10**	n.a.	**21**	4.0	88.34
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**11.8**	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 06:14	Andrea E Lando	1.28
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 13:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 13:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 13:00	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 14:52	Laura M Krieger	88.34
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 13:00	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-8(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774295
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 13:45 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-816

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	Acetone	67-64-1	< 1.1	1.1	51.12
10237	Acrolein	107-02-8	< 5.6	5.6	51.12
10237	Acrylonitrile	107-13-1	< 1.1	1.1	51.12
10237	t-Amyl methyl ether	994-05-8	< 0.28	0.28	51.12
10237	Benzene	71-43-2	< 0.28	0.28	51.12
10237	Bromodichloromethane	75-27-4	< 0.28	0.28	51.12
10237	Bromoform	75-25-2	< 0.28	0.28	51.12
10237	Bromomethane	74-83-9	< 0.28	0.28	51.12
10237	2-Butanone	78-93-3	< 0.56	0.56	51.12
10237	t-Butyl alcohol	75-65-0	< 5.6	5.6	51.12
10237	n-Butylbenzene	104-51-8	< 0.28	0.28	51.12
10237	sec-Butylbenzene	135-98-8	< 0.28	0.28	51.12
10237	Carbon Tetrachloride	56-23-5	< 0.28	0.28	51.12
10237	Chlorobenzene	108-90-7	< 0.28	0.28	51.12
10237	Chloroethane	75-00-3	< 0.28	0.28	51.12
10237	2-Chloroethyl Vinyl Ether	110-75-8	< 0.56	0.56	51.12
10237	Chloroform	67-66-3	< 0.28	0.28	51.12
10237	Chloromethane	74-87-3	< 0.28	0.28	51.12
10237	Dibromochloromethane	124-48-1	< 0.28	0.28	51.12
10237	1,2-Dichlorobenzene	95-50-1	< 0.28	0.28	51.12
10237	1,3-Dichlorobenzene	541-73-1	< 0.28	0.28	51.12
10237	1,4-Dichlorobenzene	106-46-7	< 0.28	0.28	51.12
10237	1,1-Dichloroethane	75-34-3	< 0.28	0.28	51.12
10237	1,2-Dichloroethane	107-06-2	< 0.28	0.28	51.12
10237	1,1-Dichloroethene	75-35-4	< 0.28	0.28	51.12
10237	cis-1,2-Dichloroethene	156-59-2	< 0.28	0.28	51.12
10237	trans-1,2-Dichloroethene	156-60-5	< 0.28	0.28	51.12
10237	1,2-Dichloropropane	78-87-5	< 0.28	0.28	51.12
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.28	0.28	51.12
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.28	0.28	51.12
10237	Ethyl t-butyl ether	637-92-3	< 0.28	0.28	51.12
10237	Ethylbenzene	100-41-4	< 0.28	0.28	51.12
10237	di-Isopropyl ether	108-20-3	< 0.28	0.28	51.12
10237	Isopropylbenzene	98-82-8	< 0.28	0.28	51.12
10237	p-Isopropyltoluene	99-87-6	< 0.28	0.28	51.12
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.28	0.28	51.12
10237	Methylene Chloride	75-09-2	< 0.28	0.28	51.12
10237	Naphthalene	91-20-3	< 0.28	0.28	51.12
10237	n-Propylbenzene	103-65-1	< 0.28	0.28	51.12
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.28	0.28	51.12
10237	Tetrachloroethene	127-18-4	< 0.28	0.28	51.12
10237	Toluene	108-88-3	< 0.28	0.28	51.12
10237	1,1,1-Trichloroethane	71-55-6	< 0.28	0.28	51.12
10237	1,1,2-Trichloroethane	79-00-5	< 0.28	0.28	51.12
10237	Trichloroethene	79-01-6	< 0.28	0.28	51.12
10237	Trichlorofluoromethane	75-69-4	< 0.28	0.28	51.12
10237	**1,2,4-Trimethylbenzene**	95-63-6	**0.70**	0.28	51.12
10237	**1,3,5-Trimethylbenzene**	108-67-8	**0.38**	0.28	51.12
10237	Vinyl Chloride	75-01-4	< 0.28	0.28	51.12
10237	**Xylene (Total)**	1330-20-7	**0.51**	0.28	51.12

Reporting limits were raised due to interference from the sample matrix.

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Analysis Report

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Sample Description: T-8(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774295
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 13:45 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-816

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC Volatiles	SW-846 8015B		mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	34	7.7	176.06
Wet Chemistry	SM20 2540 G		%	%	
00111	Moisture	n.a.	9.1	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	Q122471AA	09/04/2012 00:27	Andrea E Lando	51.12
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 13:45	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 13:45	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 13:45	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/08/2012 01:02	Laura M Krieger	176.06
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 13:45	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-9(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774296
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 13:50 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-916

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.047**	0.021	0.91
10237	Acrolein	107-02-8	< 0.11	0.11	0.91
10237	Acrylonitrile	107-13-1	< 0.021	0.021	0.91
10237	t-Amyl methyl ether	994-05-8	< 0.005	0.005	0.91
10237	Benzene	71-43-2	< 0.005	0.005	0.91
10237	Bromodichloromethane	75-27-4	< 0.005	0.005	0.91
10237	Bromoform	75-25-2	< 0.005	0.005	0.91
10237	Bromomethane	74-83-9	< 0.005	0.005	0.91
10237	2-Butanone	78-93-3	< 0.011	0.011	0.91
10237	t-Butyl alcohol	75-65-0	< 0.11	0.11	0.91
10237	n-Butylbenzene	104-51-8	< 0.005	0.005	0.91
10237	sec-Butylbenzene	135-98-8	< 0.005	0.005	0.91
10237	Carbon Tetrachloride	56-23-5	< 0.005	0.005	0.91
10237	Chlorobenzene	108-90-7	< 0.005	0.005	0.91
10237	Chloroethane	75-00-3	< 0.005	0.005	0.91
10237	Chloroform	67-66-3	< 0.005	0.005	0.91
10237	Chloromethane	74-87-3	< 0.005	0.005	0.91
10237	Dibromochloromethane	124-48-1	< 0.005	0.005	0.91
10237	1,2-Dichlorobenzene	95-50-1	< 0.005	0.005	0.91
10237	1,3-Dichlorobenzene	541-73-1	< 0.005	0.005	0.91
10237	1,4-Dichlorobenzene	106-46-7	< 0.005	0.005	0.91
10237	1,1-Dichloroethane	75-34-3	< 0.005	0.005	0.91
10237	1,2-Dichloroethane	107-06-2	< 0.005	0.005	0.91
10237	1,1-Dichloroethene	75-35-4	< 0.005	0.005	0.91
10237	cis-1,2-Dichloroethene	156-59-2	< 0.005	0.005	0.91
10237	trans-1,2-Dichloroethene	156-60-5	< 0.005	0.005	0.91
10237	1,2-Dichloropropane	78-87-5	< 0.005	0.005	0.91
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.005	0.005	0.91
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.005	0.005	0.91
10237	Ethyl t-butyl ether	637-92-3	< 0.005	0.005	0.91
10237	Ethylbenzene	100-41-4	< 0.005	0.005	0.91
10237	di-Isopropyl ether	108-20-3	< 0.005	0.005	0.91
10237	Isopropylbenzene	98-82-8	< 0.005	0.005	0.91
10237	p-Isopropyltoluene	99-87-6	< 0.005	0.005	0.91
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.005	0.005	0.91
10237	Methylene Chloride	75-09-2	< 0.005	0.005	0.91
10237	Naphthalene	91-20-3	< 0.005	0.005	0.91
10237	n-Propylbenzene	103-65-1	< 0.005	0.005	0.91
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.005	0.005	0.91
10237	Tetrachloroethene	127-18-4	< 0.005	0.005	0.91
10237	Toluene	108-88-3	< 0.005	0.005	0.91
10237	1,1,1-Trichloroethane	71-55-6	< 0.005	0.005	0.91
10237	1,1,2-Trichloroethane	79-00-5	< 0.005	0.005	0.91
10237	Trichloroethene	79-01-6	< 0.005	0.005	0.91
10237	Trichlorofluoromethane	75-69-4	< 0.005	0.005	0.91
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.005	0.005	0.91
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.005	0.005	0.91
10237	Vinyl Chloride	75-01-4	< 0.005	0.005	0.91
10237	Xylene (Total)	1330-20-7	< 0.005	0.005	0.91

2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: T-9(16) Grab Soil
Fairfax 26140

LLI Sample # SW 6774296
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 13:50 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

T-916

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.4	1.4	30.05
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**13.9**	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/03/2012 23:43	Andrea E Lando	0.91
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 13:50	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 13:50	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 13:50	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 17:52	Laura M Krieger	30.05
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 13:50	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: P-1(5) Grab Soil
Fairfax 26140

LLI Sample # SW 6774297
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 14:05 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

P-105

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.030**	0.024	0.95
10237	Acrolein	107-02-8	< 0.12	0.12	0.95
10237	Acrylonitrile	107-13-1	< 0.024	0.024	0.95
10237	t-Amyl methyl ether	994-05-8	< 0.006	0.006	0.95
10237	Benzene	71-43-2	< 0.006	0.006	0.95
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	0.95
10237	Bromoform	75-25-2	< 0.006	0.006	0.95
10237	Bromomethane	74-83-9	< 0.006	0.006	0.95
10237	2-Butanone	78-93-3	< 0.012	0.012	0.95
10237	t-Butyl alcohol	75-65-0	< 0.12	0.12	0.95
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	0.95
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	0.95
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	0.95
10237	Chlorobenzene	108-90-7	< 0.006	0.006	0.95
10237	Chloroethane	75-00-3	< 0.006	0.006	0.95
10237	Chloroform	67-66-3	< 0.006	0.006	0.95
10237	Chloromethane	74-87-3	< 0.006	0.006	0.95
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	0.95
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	0.95
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	0.95
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	0.95
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	0.95
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	0.95
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	0.95
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	0.95
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	0.95
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	0.95
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	0.95
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	0.95
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	0.95
10237	Ethylbenzene	100-41-4	< 0.006	0.006	0.95
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	0.95
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	0.95
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	0.95
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.006	0.006	0.95
10237	Methylene Chloride	75-09-2	< 0.006	0.006	0.95
10237	Naphthalene	91-20-3	< 0.006	0.006	0.95
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	0.95
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	0.95
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	0.95
10237	Toluene	108-88-3	< 0.006	0.006	0.95
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	0.95
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	0.95
10237	Trichloroethene	79-01-6	< 0.006	0.006	0.95
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	0.95
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.006	0.006	0.95
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.006	0.006	0.95
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	0.95
10237	Xylene (Total)	1330-20-7	< 0.006	0.006	0.95

2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: P-1(5) Grab Soil
Fairfax 26140

LLI Sample # SW 6774297
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 14:05 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

P-105

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
in this method.					
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.3	1.3	25.51
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**19.4**	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 00:06	Andrea E Lando	0.95
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 14:05	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 14:05	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 14:05	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 19:03	Laura M Krieger	25.51
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 14:05	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: S-4(10) Grab Soil
Fairfax 26140

LLI Sample # SW 6774298
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 14:50 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

S-410

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.35**	0.024	0.94
10237	Acrolein	107-02-8	< 0.12	0.12	0.94
10237	Acrylonitrile	107-13-1	< 0.024	0.024	0.94
10237	t-Amyl methyl ether	994-05-8	< 0.006	0.006	0.94
10237	Benzene	71-43-2	< 0.006	0.006	0.94
10237	Bromodichloromethane	75-27-4	< 0.006	0.006	0.94
10237	Bromoform	75-25-2	< 0.006	0.006	0.94
10237	Bromomethane	74-83-9	< 0.006	0.006	0.94
10237	**2-Butanone**	78-93-3	**0.028**	0.012	0.94
10237	t-Butyl alcohol	75-65-0	< 0.12	0.12	0.94
10237	n-Butylbenzene	104-51-8	< 0.006	0.006	0.94
10237	sec-Butylbenzene	135-98-8	< 0.006	0.006	0.94
10237	Carbon Tetrachloride	56-23-5	< 0.006	0.006	0.94
10237	Chlorobenzene	108-90-7	< 0.006	0.006	0.94
10237	Chloroethane	75-00-3	< 0.006	0.006	0.94
10237	Chloroform	67-66-3	< 0.006	0.006	0.94
10237	Chloromethane	74-87-3	< 0.006	0.006	0.94
10237	Dibromochloromethane	124-48-1	< 0.006	0.006	0.94
10237	1,2-Dichlorobenzene	95-50-1	< 0.006	0.006	0.94
10237	1,3-Dichlorobenzene	541-73-1	< 0.006	0.006	0.94
10237	1,4-Dichlorobenzene	106-46-7	< 0.006	0.006	0.94
10237	1,1-Dichloroethane	75-34-3	< 0.006	0.006	0.94
10237	1,2-Dichloroethane	107-06-2	< 0.006	0.006	0.94
10237	1,1-Dichloroethene	75-35-4	< 0.006	0.006	0.94
10237	cis-1,2-Dichloroethene	156-59-2	< 0.006	0.006	0.94
10237	trans-1,2-Dichloroethene	156-60-5	< 0.006	0.006	0.94
10237	1,2-Dichloropropane	78-87-5	< 0.006	0.006	0.94
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.006	0.006	0.94
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.006	0.006	0.94
10237	Ethyl t-butyl ether	637-92-3	< 0.006	0.006	0.94
10237	Ethylbenzene	100-41-4	< 0.006	0.006	0.94
10237	di-Isopropyl ether	108-20-3	< 0.006	0.006	0.94
10237	Isopropylbenzene	98-82-8	< 0.006	0.006	0.94
10237	p-Isopropyltoluene	99-87-6	< 0.006	0.006	0.94
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.006	0.006	0.94
10237	Methylene Chloride	75-09-2	< 0.006	0.006	0.94
10237	Naphthalene	91-20-3	< 0.006	0.006	0.94
10237	n-Propylbenzene	103-65-1	< 0.006	0.006	0.94
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.006	0.006	0.94
10237	Tetrachloroethene	127-18-4	< 0.006	0.006	0.94
10237	Toluene	108-88-3	< 0.006	0.006	0.94
10237	1,1,1-Trichloroethane	71-55-6	< 0.006	0.006	0.94
10237	1,1,2-Trichloroethane	79-00-5	< 0.006	0.006	0.94
10237	Trichloroethene	79-01-6	< 0.006	0.006	0.94
10237	Trichlorofluoromethane	75-69-4	< 0.006	0.006	0.94
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.006	0.006	0.94
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.006	0.006	0.94
10237	Vinyl Chloride	75-01-4	< 0.006	0.006	0.94
10237	Xylene (Total)	1330-20-7	< 0.006	0.006	0.94

2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Sample Description: S-4(10) Grab Soil
Fairfax 26140

LLI Sample # SW 6774298
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 14:50 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

S-410

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.2	1.2	23.45
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**20.2**	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 00:30	Andrea E Lando	0.94
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 14:50	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 14:50	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 14:50	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 12:16	Laura M Krieger	23.45
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 14:50	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: P-2(4.5) Grab Soil
Fairfax 26140

LLI Sample # SW 6774299
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 15:25 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

P-245

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	Acetone	67-64-1	< 1.1	1.1	47.26
10237	Acrolein	107-02-8	< 5.4	5.4	47.26
10237	Acrylonitrile	107-13-1	< 1.1	1.1	47.26
10237	t-Amyl methyl ether	994-05-8	< 0.27	0.27	47.26
10237	Benzene	71-43-2	< 0.27	0.27	47.26
10237	Bromodichloromethane	75-27-4	< 0.27	0.27	47.26
10237	Bromoform	75-25-2	< 0.27	0.27	47.26
10237	Bromomethane	74-83-9	< 0.27	0.27	47.26
10237	2-Butanone	78-93-3	< 0.54	0.54	47.26
10237	t-Butyl alcohol	75-65-0	< 5.4	5.4	47.26
10237	**n-Butylbenzene**	104-51-8	**0.55**	0.27	47.26
10237	sec-Butylbenzene	135-98-8	< 0.27	0.27	47.26
10237	Carbon Tetrachloride	56-23-5	< 0.27	0.27	47.26
10237	Chlorobenzene	108-90-7	< 0.27	0.27	47.26
10237	Chloroethane	75-00-3	< 0.27	0.27	47.26
10237	2-Chloroethyl Vinyl Ether	110-75-8	< 0.54	0.54	47.26
10237	Chloroform	67-66-3	< 0.27	0.27	47.26
10237	Chloromethane	74-87-3	< 0.27	0.27	47.26
10237	Dibromochloromethane	124-48-1	< 0.27	0.27	47.26
10237	1,2-Dichlorobenzene	95-50-1	< 0.27	0.27	47.26
10237	1,3-Dichlorobenzene	541-73-1	< 0.27	0.27	47.26
10237	1,4-Dichlorobenzene	106-46-7	< 0.27	0.27	47.26
10237	1,1-Dichloroethane	75-34-3	< 0.27	0.27	47.26
10237	1,2-Dichloroethane	107-06-2	< 0.27	0.27	47.26
10237	1,1-Dichloroethene	75-35-4	< 0.27	0.27	47.26
10237	cis-1,2-Dichloroethene	156-59-2	< 0.27	0.27	47.26
10237	trans-1,2-Dichloroethene	156-60-5	< 0.27	0.27	47.26
10237	1,2-Dichloropropane	78-87-5	< 0.27	0.27	47.26
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.27	0.27	47.26
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.27	0.27	47.26
10237	Ethyl t-butyl ether	637-92-3	< 0.27	0.27	47.26
10237	**Ethylbenzene**	100-41-4	**0.52**	0.27	47.26
10237	di-Isopropyl ether	108-20-3	< 0.27	0.27	47.26
10237	Isopropylbenzene	98-82-8	< 0.27	0.27	47.26
10237	p-Isopropyltoluene	99-87-6	< 0.27	0.27	47.26
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.27	0.27	47.26
10237	Methylene Chloride	75-09-2	< 0.27	0.27	47.26
10237	Naphthalene	91-20-3	< 0.27	0.27	47.26
10237	**n-Propylbenzene**	103-65-1	**0.65**	0.27	47.26
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.27	0.27	47.26
10237	Tetrachloroethene	127-18-4	< 0.27	0.27	47.26
10237	Toluene	108-88-3	< 0.27	0.27	47.26
10237	1,1,1-Trichloroethane	71-55-6	< 0.27	0.27	47.26
10237	1,1,2-Trichloroethane	79-00-5	< 0.27	0.27	47.26
10237	Trichloroethene	79-01-6	< 0.27	0.27	47.26
10237	Trichlorofluoromethane	75-69-4	< 0.27	0.27	47.26
10237	**1,2,4-Trimethylbenzene**	95-63-6	**2.6**	0.27	47.26
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.27	0.27	47.26
10237	Vinyl Chloride	75-01-4	< 0.27	0.27	47.26
10237	**Xylene (Total)**	1330-20-7	**0.39**	0.27	47.26

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: P-2(4.5) Grab Soil
Fairfax 26140

LLI Sample # SW 6774299
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 15:25 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

P-245

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC Volatiles	SW-846 8015B		mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	59	4.4	95.6
Wet Chemistry	SM20 2540 G		%	%	
00111	Moisture	n.a.	12.9	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	Q122471AA	09/04/2012 00:50	Andrea E Lando	47.26
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 15:25	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 15:25	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 15:25	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/08/2012 01:38	Laura M Krieger	95.6
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 15:25	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Sample Description: D-1(4.5) Grab Soil
Fairfax 26140

LLI Sample # SW 6774300
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 18:10 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

D-145

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.091**	0.029	1.19
10237	Acrolein	107-02-8	< 0.15	0.15	1.19
10237	Acrylonitrile	107-13-1	< 0.029	0.029	1.19
10237	t-Amyl methyl ether	994-05-8	< 0.007	0.007	1.19
10237	Benzene	71-43-2	< 0.007	0.007	1.19
10237	Bromodichloromethane	75-27-4	< 0.007	0.007	1.19
10237	Bromoform	75-25-2	< 0.007	0.007	1.19
10237	Bromomethane	74-83-9	< 0.007	0.007	1.19
10237	2-Butanone	78-93-3	< 0.015	0.015	1.19
10237	t-Butyl alcohol	75-65-0	< 0.15	0.15	1.19
10237	n-Butylbenzene	104-51-8	< 0.007	0.007	1.19
10237	sec-Butylbenzene	135-98-8	< 0.007	0.007	1.19
10237	Carbon Tetrachloride	56-23-5	< 0.007	0.007	1.19
10237	Chlorobenzene	108-90-7	< 0.007	0.007	1.19
10237	Chloroethane	75-00-3	< 0.007	0.007	1.19
10237	Chloroform	67-66-3	< 0.007	0.007	1.19
10237	Chloromethane	74-87-3	< 0.007	0.007	1.19
10237	Dibromochloromethane	124-48-1	< 0.007	0.007	1.19
10237	1,2-Dichlorobenzene	95-50-1	< 0.007	0.007	1.19
10237	1,3-Dichlorobenzene	541-73-1	< 0.007	0.007	1.19
10237	1,4-Dichlorobenzene	106-46-7	< 0.007	0.007	1.19
10237	1,1-Dichloroethane	75-34-3	< 0.007	0.007	1.19
10237	1,2-Dichloroethane	107-06-2	< 0.007	0.007	1.19
10237	1,1-Dichloroethene	75-35-4	< 0.007	0.007	1.19
10237	cis-1,2-Dichloroethene	156-59-2	< 0.007	0.007	1.19
10237	trans-1,2-Dichloroethene	156-60-5	< 0.007	0.007	1.19
10237	1,2-Dichloropropane	78-87-5	< 0.007	0.007	1.19
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.007	0.007	1.19
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.007	0.007	1.19
10237	Ethyl t-butyl ether	637-92-3	< 0.007	0.007	1.19
10237	Ethylbenzene	100-41-4	< 0.007	0.007	1.19
10237	di-Isopropyl ether	108-20-3	< 0.007	0.007	1.19
10237	Isopropylbenzene	98-82-8	< 0.007	0.007	1.19
10237	p-Isopropyltoluene	99-87-6	< 0.007	0.007	1.19
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.007	0.007	1.19
10237	Methylene Chloride	75-09-2	< 0.007	0.007	1.19
10237	Naphthalene	91-20-3	< 0.007	0.007	1.19
10237	n-Propylbenzene	103-65-1	< 0.007	0.007	1.19
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.007	0.007	1.19
10237	Tetrachloroethene	127-18-4	< 0.007	0.007	1.19
10237	**Toluene**	108-88-3	**0.013**	0.007	1.19
10237	1,1,1-Trichloroethane	71-55-6	< 0.007	0.007	1.19
10237	1,1,2-Trichloroethane	79-00-5	< 0.007	0.007	1.19
10237	Trichloroethene	79-01-6	< 0.007	0.007	1.19
10237	Trichlorofluoromethane	75-69-4	< 0.007	0.007	1.19
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.007	0.007	1.19
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.007	0.007	1.19
10237	Vinyl Chloride	75-01-4	< 0.007	0.007	1.19
10237	Xylene (Total)	1330-20-7	< 0.007	0.007	1.19

2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: D-1(4.5) Grab Soil
Fairfax 26140

LLI Sample # SW 6774300
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 18:10 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

D-145

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.0	1.0	20.76
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**19.0**	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 00:53	Andrea E Lando	1.19
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 18:10	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 18:10	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 18:10	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 19:39	Laura M Krieger	20.76
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 18:10	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003A	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Sample Description: D-2(4) Grab Soil
Fairfax 26140

LLI Sample # SW 6774301
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 18:20 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

D-204

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.051**	0.020	0.89
10237	Acrolein	107-02-8	< 0.10	0.10	0.89
10237	Acrylonitrile	107-13-1	< 0.020	0.020	0.89
10237	t-Amyl methyl ether	994-05-8	< 0.005	0.005	0.89
10237	Benzene	71-43-2	< 0.005	0.005	0.89
10237	Bromodichloromethane	75-27-4	< 0.005	0.005	0.89
10237	Bromoform	75-25-2	< 0.005	0.005	0.89
10237	Bromomethane	74-83-9	< 0.005	0.005	0.89
10237	2-Butanone	78-93-3	< 0.010	0.010	0.89
10237	t-Butyl alcohol	75-65-0	< 0.10	0.10	0.89
10237	n-Butylbenzene	104-51-8	< 0.005	0.005	0.89
10237	sec-Butylbenzene	135-98-8	< 0.005	0.005	0.89
10237	Carbon Tetrachloride	56-23-5	< 0.005	0.005	0.89
10237	Chlorobenzene	108-90-7	< 0.005	0.005	0.89
10237	Chloroethane	75-00-3	< 0.005	0.005	0.89
10237	Chloroform	67-66-3	< 0.005	0.005	0.89
10237	Chloromethane	74-87-3	< 0.005	0.005	0.89
10237	Dibromochloromethane	124-48-1	< 0.005	0.005	0.89
10237	1,2-Dichlorobenzene	95-50-1	< 0.005	0.005	0.89
10237	1,3-Dichlorobenzene	541-73-1	< 0.005	0.005	0.89
10237	1,4-Dichlorobenzene	106-46-7	< 0.005	0.005	0.89
10237	1,1-Dichloroethane	75-34-3	< 0.005	0.005	0.89
10237	1,2-Dichloroethane	107-06-2	< 0.005	0.005	0.89
10237	1,1-Dichloroethene	75-35-4	< 0.005	0.005	0.89
10237	cis-1,2-Dichloroethene	156-59-2	< 0.005	0.005	0.89
10237	trans-1,2-Dichloroethene	156-60-5	< 0.005	0.005	0.89
10237	1,2-Dichloropropane	78-87-5	< 0.005	0.005	0.89
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.005	0.005	0.89
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.005	0.005	0.89
10237	Ethyl t-butyl ether	637-92-3	< 0.005	0.005	0.89
10237	Ethylbenzene	100-41-4	< 0.005	0.005	0.89
10237	di-Isopropyl ether	108-20-3	< 0.005	0.005	0.89
10237	Isopropylbenzene	98-82-8	< 0.005	0.005	0.89
10237	p-Isopropyltoluene	99-87-6	< 0.005	0.005	0.89
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.005	0.005	0.89
10237	Methylene Chloride	75-09-2	< 0.005	0.005	0.89
10237	Naphthalene	91-20-3	< 0.005	0.005	0.89
10237	n-Propylbenzene	103-65-1	< 0.005	0.005	0.89
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.005	0.005	0.89
10237	Tetrachloroethene	127-18-4	< 0.005	0.005	0.89
10237	Toluene	108-88-3	< 0.005	0.005	0.89
10237	1,1,1-Trichloroethane	71-55-6	< 0.005	0.005	0.89
10237	1,1,2-Trichloroethane	79-00-5	< 0.005	0.005	0.89
10237	Trichloroethene	79-01-6	< 0.005	0.005	0.89
10237	Trichlorofluoromethane	75-69-4	< 0.005	0.005	0.89
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.005	0.005	0.89
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.005	0.005	0.89
10237	Vinyl Chloride	75-01-4	< 0.005	0.005	0.89
10237	Xylene (Total)	1330-20-7	< 0.005	0.005	0.89

2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: D-2(4) Grab Soil
Fairfax 26140

LLI Sample # SW 6774301
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 18:20 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

D-204

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.0	1.0	22.73
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**13.1**	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 01:16	Andrea E Lando	0.89
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 18:20	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 18:20	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 18:20	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 20:15	Laura M Krieger	22.73
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 18:20	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003B	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Sample Description: D-3(4) Grab Soil
Fairfax 26140

LLI Sample # SW 6774302
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 18:30 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

D-304

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.041**	0.021	0.89
10237	Acrolein	107-02-8	< 0.11	0.11	0.89
10237	Acrylonitrile	107-13-1	< 0.021	0.021	0.89
10237	t-Amyl methyl ether	994-05-8	< 0.005	0.005	0.89
10237	**Benzene**	71-43-2	**0.012**	0.005	0.89
10237	Bromodichloromethane	75-27-4	< 0.005	0.005	0.89
10237	Bromoform	75-25-2	< 0.005	0.005	0.89
10237	Bromomethane	74-83-9	< 0.005	0.005	0.89
10237	2-Butanone	78-93-3	< 0.011	0.011	0.89
10237	t-Butyl alcohol	75-65-0	< 0.11	0.11	0.89
10237	n-Butylbenzene	104-51-8	< 0.005	0.005	0.89
10237	sec-Butylbenzene	135-98-8	< 0.005	0.005	0.89
10237	Carbon Tetrachloride	56-23-5	< 0.005	0.005	0.89
10237	Chlorobenzene	108-90-7	< 0.005	0.005	0.89
10237	Chloroethane	75-00-3	< 0.005	0.005	0.89
10237	Chloroform	67-66-3	< 0.005	0.005	0.89
10237	Chloromethane	74-87-3	< 0.005	0.005	0.89
10237	Dibromochloromethane	124-48-1	< 0.005	0.005	0.89
10237	1,2-Dichlorobenzene	95-50-1	< 0.005	0.005	0.89
10237	1,3-Dichlorobenzene	541-73-1	< 0.005	0.005	0.89
10237	1,4-Dichlorobenzene	106-46-7	< 0.005	0.005	0.89
10237	1,1-Dichloroethane	75-34-3	< 0.005	0.005	0.89
10237	1,2-Dichloroethane	107-06-2	< 0.005	0.005	0.89
10237	1,1-Dichloroethene	75-35-4	< 0.005	0.005	0.89
10237	cis-1,2-Dichloroethene	156-59-2	< 0.005	0.005	0.89
10237	trans-1,2-Dichloroethene	156-60-5	< 0.005	0.005	0.89
10237	1,2-Dichloropropane	78-87-5	< 0.005	0.005	0.89
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.005	0.005	0.89
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.005	0.005	0.89
10237	Ethyl t-butyl ether	637-92-3	< 0.005	0.005	0.89
10237	Ethylbenzene	100-41-4	< 0.005	0.005	0.89
10237	di-Isopropyl ether	108-20-3	< 0.005	0.005	0.89
10237	Isopropylbenzene	98-82-8	< 0.005	0.005	0.89
10237	p-Isopropyltoluene	99-87-6	< 0.005	0.005	0.89
10237	**Methyl Tertiary Butyl Ether**	1634-04-4	**0.009**	0.005	0.89
10237	Methylene Chloride	75-09-2	< 0.005	0.005	0.89
10237	Naphthalene	91-20-3	< 0.005	0.005	0.89
10237	n-Propylbenzene	103-65-1	< 0.005	0.005	0.89
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.005	0.005	0.89
10237	Tetrachloroethene	127-18-4	< 0.005	0.005	0.89
10237	**Toluene**	108-88-3	**0.079**	0.005	0.89
10237	1,1,1-Trichloroethane	71-55-6	< 0.005	0.005	0.89
10237	1,1,2-Trichloroethane	79-00-5	< 0.005	0.005	0.89
10237	Trichloroethene	79-01-6	< 0.005	0.005	0.89
10237	Trichlorofluoromethane	75-69-4	< 0.005	0.005	0.89
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.005	0.005	0.89
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.005	0.005	0.89
10237	Vinyl Chloride	75-01-4	< 0.005	0.005	0.89
10237	**Xylene (Total)**	1330-20-7	**0.009**	0.005	0.89

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: D-3(4) Grab Soil
Fairfax 26140

LLI Sample # SW 6774302
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 18:30 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

D-304

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
	2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards in this method.				
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1.2	1.2	24.7
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**17.0**	0.50	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.				

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 01:39	Andrea E Lando	0.89
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 18:30	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 18:30	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 18:30	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 20:51	Laura M Krieger	24.7
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 18:30	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	1	12248820003B	09/04/2012 16:50	Scott W Freisher	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: D-4(4.5) Grab Soil
Fairfax 26140

LLI Sample # SW 6774303
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 18:40 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

D-445

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		mg/kg	mg/kg	
10237	**Acetone**	67-64-1	**0.054**	0.021	0.91
10237	Acrolein	107-02-8	< 0.11	0.11	0.91
10237	Acrylonitrile	107-13-1	< 0.021	0.021	0.91
10237	t-Amyl methyl ether	994-05-8	< 0.005	0.005	0.91
10237	Benzene	71-43-2	< 0.005	0.005	0.91
10237	Bromodichloromethane	75-27-4	< 0.005	0.005	0.91
10237	Bromoform	75-25-2	< 0.005	0.005	0.91
10237	Bromomethane	74-83-9	< 0.005	0.005	0.91
10237	2-Butanone	78-93-3	< 0.011	0.011	0.91
10237	t-Butyl alcohol	75-65-0	< 0.11	0.11	0.91
10237	n-Butylbenzene	104-51-8	< 0.005	0.005	0.91
10237	sec-Butylbenzene	135-98-8	< 0.005	0.005	0.91
10237	Carbon Tetrachloride	56-23-5	< 0.005	0.005	0.91
10237	Chlorobenzene	108-90-7	< 0.005	0.005	0.91
10237	Chloroethane	75-00-3	< 0.005	0.005	0.91
10237	Chloroform	67-66-3	< 0.005	0.005	0.91
10237	Chloromethane	74-87-3	< 0.005	0.005	0.91
10237	Dibromochloromethane	124-48-1	< 0.005	0.005	0.91
10237	1,2-Dichlorobenzene	95-50-1	< 0.005	0.005	0.91
10237	1,3-Dichlorobenzene	541-73-1	< 0.005	0.005	0.91
10237	1,4-Dichlorobenzene	106-46-7	< 0.005	0.005	0.91
10237	1,1-Dichloroethane	75-34-3	< 0.005	0.005	0.91
10237	1,2-Dichloroethane	107-06-2	< 0.005	0.005	0.91
10237	1,1-Dichloroethene	75-35-4	< 0.005	0.005	0.91
10237	cis-1,2-Dichloroethene	156-59-2	< 0.005	0.005	0.91
10237	trans-1,2-Dichloroethene	156-60-5	< 0.005	0.005	0.91
10237	1,2-Dichloropropane	78-87-5	< 0.005	0.005	0.91
10237	cis-1,3-Dichloropropene	10061-01-5	< 0.005	0.005	0.91
10237	trans-1,3-Dichloropropene	10061-02-6	< 0.005	0.005	0.91
10237	Ethyl t-butyl ether	637-92-3	< 0.005	0.005	0.91
10237	Ethylbenzene	100-41-4	< 0.005	0.005	0.91
10237	di-Isopropyl ether	108-20-3	< 0.005	0.005	0.91
10237	Isopropylbenzene	98-82-8	< 0.005	0.005	0.91
10237	p-Isopropyltoluene	99-87-6	< 0.005	0.005	0.91
10237	Methyl Tertiary Butyl Ether	1634-04-4	< 0.005	0.005	0.91
10237	Methylene Chloride	75-09-2	< 0.005	0.005	0.91
10237	Naphthalene	91-20-3	< 0.005	0.005	0.91
10237	n-Propylbenzene	103-65-1	< 0.005	0.005	0.91
10237	1,1,2,2-Tetrachloroethane	79-34-5	< 0.005	0.005	0.91
10237	Tetrachloroethene	127-18-4	< 0.005	0.005	0.91
10237	Toluene	108-88-3	< 0.005	0.005	0.91
10237	1,1,1-Trichloroethane	71-55-6	< 0.005	0.005	0.91
10237	1,1,2-Trichloroethane	79-00-5	< 0.005	0.005	0.91
10237	Trichloroethene	79-01-6	< 0.005	0.005	0.91
10237	Trichlorofluoromethane	75-69-4	< 0.005	0.005	0.91
10237	1,2,4-Trimethylbenzene	95-63-6	< 0.005	0.005	0.91
10237	1,3,5-Trimethylbenzene	108-67-8	< 0.005	0.005	0.91
10237	Vinyl Chloride	75-01-4	< 0.005	0.005	0.91
10237	Xylene (Total)	1330-20-7	< 0.005	0.005	0.91

2-Chlorethyl vinyl ether is an acid labile compound and cannot be reported due to acid preservation of the samples and standards

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: D-4(4.5) Grab Soil
Fairfax 26140

LLI Sample # SW 6774303
LLI Group # 1332614
Account # 12152

Project Name: Fairfax 26140

Collected: 08/29/2012 18:40 by CL

Submitted: 08/31/2012 10:10
Reported: 09/10/2012 14:09

Kleinfelder
1 Speen Street
Framingham MA 01701

D-445

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
in this method.					
GC Volatiles		**SW-846 8015B**	mg/kg	mg/kg	
01637	TPH-GRO soil C6-C10	n.a.	< 1	1	21.22
Wet Chemistry		**SM20 2540 G**	%	%	
00111	**Moisture**	n.a.	**14.7**	0.50	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10237	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	X122471AA	09/04/2012 02:01	Andrea E Lando	0.91
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201224428674	08/29/2012 18:40	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201224428674	08/29/2012 18:40	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201224428674	08/29/2012 18:40	Client Supplied	1
01637	TPH-GRO soil C6-C10	SW-846 8015B	1	12250A34A	09/07/2012 21:27	Laura M Krieger	21.22
06647	GC-5g Field Preserved MeOH	SW-846 5035A	1	201224428674	08/29/2012 18:40	Client Supplied	n.a.
00111	Moisture	SM20 2540 G	2	12249820003A	09/05/2012 15:25	Scott W Freisher	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/10/12 at 02:09 PM

Group Number: 1332614

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Q122471AA	Sample number(s): 6774295,6774299							
Acetone	< 1.0	1.0	mg/kg	76	79	32-209	3	30
Acrolein	< 5.0	5.0	mg/kg	77	75	52-139	3	30
Acrylonitrile	< 1.0	1.0	mg/kg	86	84	60-133	3	30
t-Amyl methyl ether	< 0.25	0.25	mg/kg	100	101	56-137	0	30
Benzene	< 0.25	0.25	mg/kg	109	111	80-120	1	30
Bromodichloromethane	< 0.25	0.25	mg/kg	94	97	78-120	3	30
Bromoform	< 0.25	0.25	mg/kg	81	83	70-120	3	30
Bromomethane	< 0.25	0.25	mg/kg	115	113	32-162	2	30
2-Butanone	< 0.50	0.50	mg/kg	71	76	46-153	7	30
t-Butyl alcohol	< 5.0	5.0	mg/kg	97	95	60-149	2	30
n-Butylbenzene	< 0.25	0.25	mg/kg	84	90	72-120	6	30
sec-Butylbenzene	< 0.25	0.25	mg/kg	84	87	75-120	4	30
Carbon Tetrachloride	< 0.25	0.25	mg/kg	97	99	69-122	3	30
Chlorobenzene	< 0.25	0.25	mg/kg	97	97	80-120	0	30
Chloroethane	< 0.25	0.25	mg/kg	77	77	37-154	0	30
2-Chloroethyl Vinyl Ether	< 0.50	0.50	mg/kg	91	89	43-146	2	30
Chloroform	< 0.25	0.25	mg/kg	102	103	80-120	0	30
Chloromethane	< 0.25	0.25	mg/kg	86	84	56-120	2	30
Dibromochloromethane	< 0.25	0.25	mg/kg	91	92	77-120	1	30
1,2-Dichlorobenzene	< 0.25	0.25	mg/kg	90	92	79-120	2	30
1,3-Dichlorobenzene	< 0.25	0.25	mg/kg	91	93	78-120	2	30
1,4-Dichlorobenzene	< 0.25	0.25	mg/kg	91	95	79-120	4	30
1,1-Dichloroethane	< 0.25	0.25	mg/kg	104	106	80-120	3	30
1,2-Dichloroethane	< 0.25	0.25	mg/kg	98	97	71-129	1	30
1,1-Dichloroethene	< 0.25	0.25	mg/kg	114	113	73-129	1	30
cis-1,2-Dichloroethene	< 0.25	0.25	mg/kg	109	111	80-120	2	30
trans-1,2-Dichloroethene	< 0.25	0.25	mg/kg	111	114	79-120	3	30
1,2-Dichloropropane	< 0.25	0.25	mg/kg	102	103	77-120	1	30
cis-1,3-Dichloropropene	< 0.25	0.25	mg/kg	103	106	74-120	2	30
trans-1,3-Dichloropropene	< 0.25	0.25	mg/kg	88	90	77-120	2	30
Ethyl t-butyl ether	< 0.25	0.25	mg/kg	97	98	70-122	1	30
Ethylbenzene	< 0.25	0.25	mg/kg	97	98	80-120	1	30
di-Isopropyl ether	< 0.25	0.25	mg/kg	98	98	73-121	1	30
Isopropylbenzene	< 0.25	0.25	mg/kg	89	90	76-120	1	30
p-Isopropyltoluene	< 0.25	0.25	mg/kg	84	88	75-120	5	30
Methyl Tertiary Butyl Ether	< 0.25	0.25	mg/kg	106	107	74-121	1	30
Methylene Chloride	< 0.25	0.25	mg/kg	115	114	76-124	1	30
Naphthalene	< 0.25	0.25	mg/kg	72	75	59-123	4	30
n-Propylbenzene	< 0.25	0.25	mg/kg	87	89	77-120	3	30
1,1,2,2-Tetrachloroethane	< 0.25	0.25	mg/kg	91	91	71-123	0	30
Tetrachloroethene	< 0.25	0.25	mg/kg	98	99	78-126	1	30
Toluene	< 0.25	0.25	mg/kg	97	99	80-120	2	30
1,1,1-Trichloroethane	< 0.25	0.25	mg/kg	98	100	71-125	2	30
1,1,2-Trichloroethane	< 0.25	0.25	mg/kg	98	99	80-120	1	30
Trichloroethene	< 0.25	0.25	mg/kg	103	103	80-120	1	30

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/10/12 at 02:09 PM

Group Number: 1332614

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichlorofluoromethane	< 0.25	0.25	mg/kg	87	90	58-133	3	30
1,2,4-Trimethylbenzene	< 0.25	0.25	mg/kg	87	88	79-120	2	30
1,3,5-Trimethylbenzene	< 0.25	0.25	mg/kg	86	89	78-120	3	30
Vinyl Chloride	< 0.25	0.25	mg/kg	85	86	53-120	1	30
Xylene (Total)	< 0.25	0.25	mg/kg	97	98	80-120	1	30

Batch number: X122471AA — Sample number(s): 6774285-6774294,6774296-6774298,6774300-6774303

Acetone	< 0.020	0.020	mg/kg	132	32-209
Acrolein	< 0.10	0.10	mg/kg	79	52-139
Acrylonitrile	< 0.020	0.020	mg/kg	97	60-133
t-Amyl methyl ether	< 0.005	0.005	mg/kg	91	56-137
Benzene	< 0.005	0.005	mg/kg	104	80-120
Bromodichloromethane	< 0.005	0.005	mg/kg	96	78-120
Bromoform	< 0.005	0.005	mg/kg	88	70-120
Bromomethane	< 0.005	0.005	mg/kg	72	32-162
2-Butanone	< 0.010	0.010	mg/kg	84	46-153
t-Butyl alcohol	< 0.10	0.10	mg/kg	126	60-149
n-Butylbenzene	< 0.005	0.005	mg/kg	103	72-120
sec-Butylbenzene	< 0.005	0.005	mg/kg	107	75-120
Carbon Tetrachloride	< 0.005	0.005	mg/kg	95	69-122
Chlorobenzene	< 0.005	0.005	mg/kg	102	80-120
Chloroethane	< 0.005	0.005	mg/kg	69	37-154
Chloroform	< 0.005	0.005	mg/kg	101	80-120
Chloromethane	< 0.005	0.005	mg/kg	64	56-120
Dibromochloromethane	< 0.005	0.005	mg/kg	99	77-120
1,2-Dichlorobenzene	< 0.005	0.005	mg/kg	102	79-120
1,3-Dichlorobenzene	< 0.005	0.005	mg/kg	97	78-120
1,4-Dichlorobenzene	< 0.005	0.005	mg/kg	103	79-120
1,1-Dichloroethane	< 0.005	0.005	mg/kg	98	80-120
1,2-Dichloroethane	< 0.005	0.005	mg/kg	94	71-129
1,1-Dichloroethene	< 0.005	0.005	mg/kg	102	73-129
cis-1,2-Dichloroethene	< 0.005	0.005	mg/kg	103	80-120
trans-1,2-Dichloroethene	< 0.005	0.005	mg/kg	102	79-120
1,2-Dichloropropane	< 0.005	0.005	mg/kg	98	77-120
cis-1,3-Dichloropropene	< 0.005	0.005	mg/kg	93	74-120
trans-1,3-Dichloropropene	< 0.005	0.005	mg/kg	87	77-120
Ethyl t-butyl ether	< 0.005	0.005	mg/kg	92	70-122
Ethylbenzene	< 0.005	0.005	mg/kg	102	80-120
di-Isopropyl ether	< 0.005	0.005	mg/kg	91	73-121
Isopropylbenzene	< 0.005	0.005	mg/kg	107	76-120
p-Isopropyltoluene	< 0.005	0.005	mg/kg	104	75-120
Methyl Tertiary Butyl Ether	< 0.005	0.005	mg/kg	96	74-121
Methylene Chloride	< 0.005	0.005	mg/kg	106	76-124
Naphthalene	< 0.005	0.005	mg/kg	95	59-123
n-Propylbenzene	< 0.005	0.005	mg/kg	104	77-120
1,1,2,2-Tetrachloroethane	< 0.005	0.005	mg/kg	100	71-123
Tetrachloroethene	< 0.005	0.005	mg/kg	105	78-126
Toluene	< 0.005	0.005	mg/kg	100	80-120
1,1,1-Trichloroethane	< 0.005	0.005	mg/kg	88	71-125
1,1,2-Trichloroethane	< 0.005	0.005	mg/kg	107	80-120
Trichloroethene	< 0.005	0.005	mg/kg	99	80-120
Trichlorofluoromethane	< 0.005	0.005	mg/kg	88	58-133
1,2,4-Trimethylbenzene	< 0.005	0.005	mg/kg	102	79-120
1,3,5-Trimethylbenzene	< 0.005	0.005	mg/kg	103	78-120
Vinyl Chloride	< 0.005	0.005	mg/kg	74	53-120
Xylene (Total)	< 0.005	0.005	mg/kg	105	80-120

Batch number: 12243A31B — Sample number(s): 6774285-6774289

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/10/12 at 02:09 PM

Group Number: 1332614

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
TPH-GRO soil C6-C10	< 1.0	1.0	mg/kg	83	91	67-119	9	30
Batch number: 12250A34A	Sample number(s): 6774290-6774303							
TPH-GRO soil C6-C10	< 1.0	1.0	mg/kg	86	84	67-119	2	30
Batch number: 12248820003A	Sample number(s): 6774285-6774300							
Moisture				100		99-101		
Batch number: 12248820003B	Sample number(s): 6774301-6774302							
Moisture				100		99-101		
Batch number: 12249820003A	Sample number(s): 6774303							
Moisture				100		99-101		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: X122471AA	Sample number(s): 6774285-6774294,6774296-6774298,6774300-6774303 UNSPK: P773594								
Acetone	179	183	31-195	4	30				
Acrolein	47	39	10-165	25	30				
Acrylonitrile	111	114	48-139	3	30				
t-Amyl methyl ether	88	92	59-123	2	30				
Benzene	-24*	213*	55-143	85*	30				
Bromodichloromethane	74	79	53-136	1	30				
Bromoform	71	76	38-124	0	30				
Bromomethane	73	78	42-168	0	30				
2-Butanone	102	110	37-163	2	30				
t-Butyl alcohol	160*	157*	47-153	8	30				
n-Butylbenzene	14*	20*	30-146	30	30				
sec-Butylbenzene	18*	24*	33-157	27	30				
Carbon Tetrachloride	76	81	45-153	1	30				
Chlorobenzene	-27*	14*	49-135	22	30				
Chloroethane	71	67	39-152	12	30				
Chloroform	-120*	-57*	61-142	36*	30				
Chloromethane	68	69	51-163	5	30				
Dibromochloromethane	77	81	51-128	1	30				
1,2-Dichlorobenzene	409 (2)	149 (2)	36-133	19	30				
1,3-Dichlorobenzene	27*	33*	34-134	14	30				
1,4-Dichlorobenzene	25*	26*	35-136	1	30				
1,1-Dichloroethane	92	103	63-142	5	30				
1,2-Dichloroethane	90	97	68-131	2	30				
1,1-Dichloroethene	100	111	61-149	4	30				
cis-1,2-Dichloroethene	90	131	60-136	26	30				
trans-1,2-Dichloroethene	85	89	59-142	1	30				
1,2-Dichloropropane	78	82	62-135	1	30				
cis-1,3-Dichloropropene	63	71	51-131	5	30				
trans-1,3-Dichloropropene	58	66	49-129	7	30				
Ethyl t-butyl ether	89	95	58-124	1	30				
Ethylbenzene	30*	37*	44-141	14	30				
di-Isopropyl ether	85	89	59-133	2	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/10/12 at 02:09 PM

Group Number: 1332614

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Isopropylbenzene	24*	31*	38-144	19	30				
p-Isopropyltoluene	15*	21*	29-152	27	30				
Methyl Tertiary Butyl Ether	104	107	55-129	4	30				
Methylene Chloride	114	182*	61-141	28	30				
Naphthalene	66	60	10-138	12	30				
n-Propylbenzene	20*	26*	39-157	22	30				
1,1,2,2-Tetrachloroethane	98	99	40-152	5	30				
Tetrachloroethene	4*	40*	42-149	51*	30				
Toluene	48*	60	50-146	15	30				
1,1,1-Trichloroethane	76	79	64-142	3	30				
1,1,2-Trichloroethane	95	98	54-139	3	30				
Trichloroethene	34*	85	53-144	47*	30				
Trichlorofluoromethane	100	100	47-163	6	30				
1,2,4-Trimethylbenzene	23*	29*	37-149	18	30				
1,3,5-Trimethylbenzene	22*	28*	38-150	21	30				
Vinyl Chloride	82	87	50-154	1	30				
Xylene (Total)	33*	40*	44-136	13	30				
Batch number: 12248820003A Sample number(s): 6774285-6774300 BKG: 6774300									
Moisture						19.0	17.9	6	13
Batch number: 12248820003B Sample number(s): 6774301-6774302 BKG: P774303									
Moisture						13.2	18.0	31*	13
Batch number: 12249820003A Sample number(s): 6774303 BKG: 6774303									
Moisture						14.7	15.1	3	13

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TCL by 8260 (soil)
Batch number: Q122471AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6774295	99	110	96	88
6774299	100	113	99	90
Blank	101	109	95	85
LCS	98	105	94	84
LCSD	101	106	98	90
Limits:	50-141	54-135	52-141	50-131

Analysis Name: TCL by 8260 (soil)
Batch number: X122471AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6774285	102	108	91	93
6774286	103	105	90	92

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/10/12 at 02:09 PM

Group Number: 1332614

Surrogate Quality Control

6774287	104	109	93	95
6774288	100	104	93	91
6774289	99	105	93	89
6774290	101	103	92	93
6774291	100	110	92	98
6774292	103	109	91	93
6774293	102	109	92	92
6774294	103	108	95	95
6774296	102	103	90	95
6774297	107	110	90	88
6774298	102	105	91	92
6774300	105	108	95	95
6774301	105	111	89	91
6774302	105	110	96	91
6774303	105	108	93	93
Blank	101	104	91	93
LCS	101	108	100	95
MS	101	113	101	100
MSD	103	113	101	98
Limits:	50-141	54-135	52-141	50-131

Analysis Name: TPH-GRO soil C6-C10
Batch number: 12243A31B

	Trifluorotoluene-F
6774285	78
6774286	89
6774287	79
6774288	75
6774289	67
Blank	84
LCS	90
LCSD	95
Limits:	61-122

Analysis Name: TPH-GRO soil C6-C10
Batch number: 12250A34A

	Trifluorotoluene-F
6774290	79
6774291	73
6774292	88
6774293	77
6774294	120
6774295	101
6774296	84
6774297	72
6774298	112
6774299	89
6774300	81
6774301	79
6774302	83
6774303	81
Blank	88
LCS	92
LCSD	92

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/10/12 at 02:09 PM

Group Number: 1332614

Surrogate Quality Control

Limits: 61-122

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

Page 1 of 2 Coder 1 of 2

For Lancaster Laboratories use only Acct. #: 12152

Group #: 1332614 Sample #: 6774285-303

Client:	Fairfax Petroleum	Acct. #:	
Project Name/#:	26140/ Great Falls	PWSID #:	
Project Address:	9901 Georgetown Pike Great Falls, VA		
Project Manager:	Brian Barone	P.O. #:	51141-229130
Sampler:	Charlie Cow	Quote #:	
Name of State where samples were collected:	Virginia		

For Lab Use Only
FSC:
SCR#:

Preservation Codes: H=HCl T=Thiosulfate N=HNO3 B=NaOH S=H2SO4 O=Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES)	Matrix: Other	Total # of Containers	Full List VOCs-8260	TPH-GRO-8015	Remarks	Temperature of samples upon receipt (if requested)
									0	0		
S-1 (10)	8-29-12	0655	X		X			5	X	X		
S-2 (10)		0700	X		X			5	X	X		
S-3 (9)		0720	X		X			5	X	X		
T-1 (16)		0750	X		X			5	X	X		
T-2 (16)		0800	X		X			5	X	X		
T-3 (16)		0815	X		X			5	X	X		
T-4 (16)		0940	X		X			5	X	X		
T-5 (16)		1010	X		X			5	X	X		
T-6 (16)		1105	X		X			5	X	X		
T-7 (16)		1300	X		X			5	X	X		

Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 5-Day TAT as per Mark Steele
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

Data Package Options (please circle if required)
Type I (validation/NJ reg) TX-TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

State-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicated QC sample and submit triplicate volume)
Internal COC required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-30-12	1700	FedEx	8-30-12	
			[signature]	8/31/12	1010

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

Page 2 of 2 Cooler 1 of 2

For Lancaster Laboratories use only Acct. #: 12152

Group #: 1332614 Sample #: 6774285-303

Client:	Fairfax Petroleum	Acct. #:	
Project Name/#:	26140/ Great Falls	PWSID #:	
Project Address:	9901 Georgetown Pike Great Falls, VA		
Project Manager:	Brian Barone	P.O. #:	51141-229130
Sampler:	Charlie Low	Quote #:	
Name of State where samples were collected:	Virginia		

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Potable	Matrix: NPDES	Matrix: Water	Matrix: Other	Total # of Containers	Full List VOCs 8260	TPH-GRO-8015	Remarks
T-8 (16)	8-29-12	1345	X		X					5	X	X	
T-9 (16)	↓	1350	X		X					5	X	X	
P-1 (5)		1405	X		X					5	X	X	
S-4 (10)		1450	X		X					5	X	X	
P-2 (4.5)		1525	X		X					5	X	X	
D-1 (4.5)		1810	X		X					5	X	X	
D-2 (4)		1820	X		X					5	X	X	
D-3 (4)		1830	X		X					5	X	X	
D-4 (4.5)		1840	X		X					5	X	X	
CY													

Analyses Requested / Preservation Codes

For Lab Use Only

FSC:

SCR#:

Preservation Codes: H=HCl T=Thiosulfate N=HNO3 B=NaOH S=H2SO4 O=Other

Temperature of samples upon receipt (if requested)

Turnaround Time Requested (TAT) (please circle) Normal Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed: 5-Day TAT as per Mark Steele

Rush results requested by (please circle): Phone Fax E-mail

Phone #: Fax #:

E-mail address:

Data Package Options (please circle if required)

Type I (validation/NJ reg) TX-TRRP-13

Type II (Tier II) MA MCP CT RCP

Type III (Reduced NJ)

Type IV (CLP SOW)

Type VI (Raw Data Only)

SDG Complete? Yes No

State-specific QC (MS/MSD/Dup)? Yes No

(If yes, indicated QC sample and submit triplicate volume)

Internal COC required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-30-12	1700	Fed Ex	8-30-12	—
			[signature]	8/31/12	1010

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

eurofins | Lancaster Laboratories

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Dereck A. Baker
Deputy Chief
Fire Prevention Division

County of Fairfax
Fire and Rescue Department
Fire Prevention Division
(703) 246-4800

Account Number: U 13016

FIRE PREVENTION CODE PERMIT

SFPC-108.1 Virginia Statewide Fire Prevention Code Section 27-98 Code of Virginia

The fire official has approved the listed business, firm or person to conduct the following use:

TANK ALTER OR RELOCATE F3TK14

Location:
GREAT FALLS EXXON
9901 Georgetown Pi
GREAT FALLS VA 22066-2826

Phone: (540)771-0756 x Emergency Ph:

[redacted]

Signed: _____
Deputy Fire Chief, Fire Prevention Division

2012

Issued By:
Date :

Fire Station: 412 Batt: 401

Permit Expires: 08/31/2012

FP_Permit_Use
FSA 7339. 09/06

COUNTY OF FAIRFAX
OFFICE OF THE FIRE MARSHAL
FIRE PREVENTION DIVISION
10700 PAGE AVENUE
FAIRFAX, VIRGINIA 22030
www.fairfaxcounty.gov/fr/prevention

	Phone (703)	Fax (703)
FIRE INSPECTIONS:	246-4849	246-4872
ACCEPTANCE TESTING:	246-4821	246-9173
RETESTING:	246-4830	267-6716
HAZMAT SERVICES:	246-4386	385-7591

❑ **REPORT OF INSPECTION** ❑ **NOTICE OF VIOLATION** ❑ **TEST BILLING FORM**

1 of _____

A/P# U 13016	Inspection# 5626117	Scheduled Inspection Date/Time 8/28/12 1357	PRI 0
Work Type TANK ALTER OR RELOCATE		Inspection Type FPCP TANK SITE INSPECTION	
Project Address 9901 Georgetown Pi Great Falls			Suite
Project/Business Name GREAT FALLS EXXON			
Contact Name			Phone#
Contractor JT CURTO & ASSOCIATES LLC ID: 399859			Phone# (540)771-0756 x
Address P O BOX 805 PURCELLVILLE, VA 20134-			
Non RUP#		Usage Codes	

Number of Inspectors 1	Start Time 1315	Stop Time 1330	Total Time 15	**Total Fees** N/A
Additional Inspection/Test Required YES NO		Pass ❑	Partial Pass ☑	Fail ❑ Closed ❑
Inspector L. DUCKWITZ	Where to Report 1-3PM - REX - 540-450-7708			

Removing three Tanks Fiberglass
2 (10,000) one (12,000) all Gas
At this Time Tanks are still in ground
and will be out till somtime late
today - will follow up
tomorrow Tanks Have will
be out of Ground, Soil Samples
Results Copy to this office for closure of Permit.

FOLLOW UP INSPECTION DATE 8/29/12 AM

Approved | Approved with P/L | Rejected | Sticker Issued | Approved Pending System Final | FPCP Issued | Other

Evacuation Order Issued: Yes No **Violation Corrected:** Yes No **Spot Check:** Yes No

Violations of the Fire Prevention Code or the Building Code listed in this notice shall be corrected immediately or as otherwise specified. No occupancy inspections will be made until all deficiencies regarding the Fire Protection Systems have been corrected.

By the order of L. Duckwitz, FM# 19, Assistant Fire Marshal.

x Rex Milum	x Dept. Manager	x [signature]
CUSTOMER PRINTED NAME	TITLE / POSITION	SIGNATURE

FRD Form # White - Fire Marshall File Yellow - Customer Copy Pink - Inspector Copy Gold - Revenue and Records

(540) 450-7708

Notification for Underground Storage Tanks (USTs)

Virginia DEQ Water Form 7530-2

(See reverse for mailing instructions) Rev. (01/03)

STATE USE ONLY

ID Number
Date Received
Date Entered
Entered By
Comments

PART I: PURPOSE OF NOTIFICATION

✓ **Check all that apply:**

- [ ] New (not previously registered) facility
- [ ] New tank(s) at previously registered facility
- [ ] Change in tanks (e.g., upgrade)
- [ ] Change in piping (e.g., upgrade)
- [ ] Temporary closure
- [x] Tank removal or closure
- [ ] Piping removal or closure
- [ ] Other (specify):
- [ ] Change in tank contents
- [ ] New owner
- [ ] Change in owner address

PART II: OWNERSHIP OF TANKS

A. Owner Name: Fairfax Petroleum Realty, LLC
B. Owner Address: 6820-B Commercial Drive
C. City, State, Zip: Springfield, VA 22151
D. Name of Contact Person: Thomas Wright
E. Title of Contact Person: Manager
F. Phone Number: (703)750-6810 Fax Number: (703)750-6817
G. E-mail Address: tawright@capitolpetro.com
H. Name of Previous Owner: Exxon/Mobil Corp.

PART III: LOCATION OF TANKS

A. Facility Name: Exxon # 26140
B. Facility Street Address (P.O. Box not acceptable): 9901 Georgetown Pike
C. City, Zip: Great Falls, VA
D. County or Municipality where Facility is Located: Fairfax
E. Name of Contact Person: Thomas Wright
F. Title of Contact Person: Manager
G. Phone Number: (703)750-6810 Fax Number: (703)750-6817
H. E-mail Address: tawright@capitolpetro.com

PART IV: TYPE OF OWNER

- [ ] Federal government
- [ ] State government
- [ ] Local government
- [x] Commercial
- [ ] Private

PART V: TYPE OF FACILITY

- [x] Retail gas station
- [ ] Petroleum distributor
- [ ] Local government
- [ ] Federal non-military
- [ ] Federal military
- [ ] State government
- [ ] Commercial (non-resale)
- [ ] Industrial
- [ ] Other _____
- [ ] Residence
- [ ] Farm

PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms

- [ ] Self Insurance
- [ ] Guarantee
- [x] Insurance
- [ ] Surety Bond
- [ ] Letter of Credit
- [ ] Trust Fund
- [ ] Virginia Petroleum Storage Tank Fund

PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I understand that the owner of the underground storage tanks hereby registered is responsible for compliance with the requirements of Virginia Regulations 9 VAC 25-580-10 et seq. and federal regulation 40 CFR Part 280, among other requirements. I warrant and represent that I am the owner or that I have the authority to sign this certification on behalf of the owner. I understand that this notification form is sufficient evidence to establish ownership of tanks subject to 9 VAC 25-580-10 et seq.

Name and Title (Type or Print): Megan Tingley - Environmental Analyst
Signature: Megan Tingley
Date: 9/24/12

PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

Name and Title (Type or Print): N/A
Signature
Date ___/___/___
Company Name
Address
Telephone Number ( )

PART IX: TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS

Owner Tank Identification Number	NA				
DEQ Tank Identification Number					
Tank Status	☐ New Tank ☐ Amendment	☐ New Tank ☐ Amendment	☐ New Tank ☐ Amendment	☐ New Tank ☐ Amendment	☐ New Tank ☐ Amendment
Date of Installation (MM/DD/YYYY)					
Date of Amendment (MM/DD/YYYY)					
Tank Capacity (Gallons)					
Substance stored (if hazardous, include CERCLA name and/or CAS number)					

Material of Construction (√ all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Coated and Cathodically Protected/STI-P3®	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Double Walled	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Impressed Current System Steel	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Composite (Steel Clad with Fiberglass)/ACT 100 ®	☐		☐		☐		☐		☐	
Lined Interior	☐		☐		☐		☐		☐	
Polyethylene Tank Jacket	☐		☐		☐		☐		☐	
Concrete	☐		☐		☐		☐		☐	
Excavation Liner	☐		☐		☐		☐		☐	
Asphalt Coated or Bare Steel	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Secondary Containment		☐		☐		☐		☐		☐
Polyflexible piping		☐		☐		☐		☐		☐
Galvanized Steel		☐		☐		☐		☐		☐
Other (specify)										
Has tank/piping been repaired?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Piping Type	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Safe Suction (No Check Valve at Tank)		☐		☐		☐		☐		☐
U.S. Suction (Check Valve at Tank)		☐		☐		☐		☐		☐
Pressure		☐		☐		☐		☐		☐
Gravity Fed		☐		☐		☐		☐		☐

Release Detection	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Manual Tank Gauging	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tightness Testing	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Inventory Control	☐		☐		☐		☐		☐	
Automatic Tank Gauging	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Vapor Monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Groundwater Monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Interstitial Monitoring-Double Walled	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Interstitial Monitoring-Secondary Containment	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Automatic Line Leak Detectors		☐		☐		☐		☐		☐
Statistical Inventory Reconciliation	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other (specify)										

Spill Containment & Overfill Prevention	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Spill Containment/Bucket	☐		☐		☐		☐		☐	
Overfill Automatic Shutoff	☐		☐		☐		☐		☐	
Overfill Alarm	☐		☐		☐		☐		☐	
Overfill Ball Float Valve	☐		☐		☐		☐		☐	

PART X: TANK CLOSURE, REMOVAL OR CHANGE IN SERVICE

Owner Tank Identification Number (assigned or used by owner)	1		2		3					
DEQ Tank Identification Number (assigned by DEQ)										
Tank and Piping Status	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Removal	☒	☒	☒	☒	☒	☒	☐	☐	☐	☐
Closure in Place	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Filled with Inert Material	☐		☐		☐		☐		☐	
Describe Inert Material										
Temporary Closure	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Change in Service	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Date of Installation (MM/DD/YYYY)										
Tank Capacity (Gallons)	12,000		10,000		10,000					
Substance Stored (if hazardous, include CERCLA name and/or CAS number)	Gasoline		Gasoline		Gasoline					
Material of Construction (√ all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Fiberglass Reinforced Plastic	☒	☐	☒	☐	☒	☐	☐	☐	☐	☐
Coated and Cathodically Protected/STI-P3®	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Double Walled	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Impressed Current System Steel	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Composite (Steel Clad with Fiberglass)/ACT 100®	☐		☐		☐		☐		☐	
Lined Interior	☐		☐		☐		☐		☐	
Polyethylene Tank Jacket	☐		☐		☐		☐		☐	
Concrete	☐		☐		☐		☐		☐	
Excavation Liner	☐		☐		☐		☐		☐	
Asphalt Coated or Bare Steel	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Secondary Containment		☐		☐		☐		☐		☐
Polyflexible Piping		☒		☒		☒		☐		☐
Galvanized Steel		☐		☐		☐		☐		☐
Other (specify)										
Unknown	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Date Last Used (MM/DD/YYYY)	8/27/12		8/27/12		8/27/12					
Date Closed (MM/DD/YYYY)	8/29/12		8/29/12		8/29/12					
Closure Assessment Completed (Please submit site map, soil sampling results, chain of custody for all samples, copy of building permit, and disposal manifest with this form).	☒ Yes ☐ No		☒ Yes ☐ No		☒ Yes ☐ No		☐ Yes ☐ No		☐ Yes ☐ No	
Evidence of a Leak Detected	☒ Yes ☐ No		☒ Yes ☐ No		☒ Yes ☐ No		☐ Yes ☐ No		☐ Yes ☐ No	