



VIA ELECTRONIC MAIL

July 30, 2010

Mr. Kurt Kochan
Virginia Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, Virginia, 22193

**RE: Post Site Characterization Monitoring Report
Fairfax Facility # 26140
9901 Georgetown Pike
Great Falls, Fairfax County, Virginia
PC# 2010-3028**

Dear Mr. Kochan:

Kleinfelder, on behalf of Fairfax Petroleum Realty, LLC (Fairfax), is submitting this Post Site Characterization Monitoring Report (PSCR) for the above-referenced facility. On February 25, 2010, ExxonMobil transferred ownership of the property to Fairfax and the Virginia Department of Environmental Quality acknowledged the transfer on March 2, 2010. The dissolved phase hydrocarbon concentrations detected in Site monitoring wells during the June 22 and July 1, 2010 groundwater sampling event have decreased as compared with the October 2009 sampling event, with the exception of monitoring well MW-11 (located adjacent to the tank field).

Please feel free to contact the undersigned at (410) 850-0404 should you have any questions.

Sincerely,
Kleinfelder East, Inc.

A handwritten signature in blue ink that reads "Russell Perkins".

Russell Perkins
Assistant Project Manager

A handwritten signature in black ink that reads "Mark Steele".

Mark Steele
Senior Project Manager

cc: Mr. Monty Berhane – Fairfax Petroleum Realty, LLC



**POST SITE CHARACTERIZATION
MONITORING REPORT
Fairfax Petroleum Facility # 26140
9901 Georgetown Pike
Great Falls, Fairfax County, Virginia**

REGULATORY INFORMATION

Regulatory Agency:	Virginia Department of Environmental Quality (VADEQ)
Agency Contact:	Mr. Kurt Kochan
Pollution Complaint No.:	2010-3028
Current Case Status:	Post Site Characterization Monitoring
Reporting Period:	June – July 2010
Last Report:	Site Characterization Report, November 2009

GENERAL SITE INFORMATION

Fairfax Petroleum Realty Contact:	Mr. Monty Berhane
Consultant Contact:	Mr. Mark Steele
Facility Status:	Active retail gasoline station with auto repair facilities
Area Property Use:	See Area Map (Figure 1)
Monitoring Wells:	MW-1 through MW-3, MW-5, MW-6S, MW-6D, MW-7 through MW-11, and PW-1
Site Geology:	Silts and sands underlain by structured saprolite and schist
Surficial Groundwater Flow Direction:	Southeast

ACTIVITIES COMPLETED THIS PERIOD

June 22 and July 1, 2010 – Groundwater Gauging/Sampling

Wells Gauged/Sampled:	MW-1 through MW-3, MW-5, MW-6S, MW-6D (3 intervals), MW-7 through MW-11, and PW-1 (3 intervals)
Liquid Phase Hydrocarbon:	None detected
Minimum/Maximum Depth to Water:	20.22 (MW-6S) / 32.39 (MW-3) feet
Hydraulic Gradient:	0.017 ft/ft between MW-5 and MW-7
Groundwater Flow Direction:	Southeast

On June 22, 2010, Kleinfelder collected a water sample from all monitoring wells in the groundwater monitoring network, with the exception of MW-2 and MW-3 which were inaccessible as they were obstructed by cars needing repair. Kleinfelder returned to sample wells MW-2 and MW-3 on July 1, 2010. After each sampling event the water samples were submitted under chain of custody protocol for analysis of Benzene, Toluene, Ethylbenzene, total Xylenes (BTEX) and Methyl Tertiary Butyl Ether (MTBE) using Environmental Protection Agency (EPA) Method 8260B and Total Petroleum Hydrocarbon – Gasoline Range Organics (TPH-GRO) using EPA Method 8015B. Samples collected on June 22 were submitted to Lancaster Laboratories of Lancaster, Pennsylvania and those samples collected on July 1 were submitted to Accutest Laboratories of Dayton, New Jersey. Groundwater monitoring and analytical data is summarized in **Table 1** and depicted on **Figure 2**. The Laboratory Analytical Reports are attached as **Appendix A**.

Monitoring wells MW-6D and PW-1 (the former potable well) were each sampled at three different intervals (65 feet, 85 feet and 105 feet below grade) using low-flow technology, as requested by the VADEQ in the December 10, 2009 directive letter. After lowering the decontaminated pump to the specified sampling interval, low-flow pumping began and the water was monitored for pH, temperature and dissolved oxygen. Upon observing stabilized parameters, samples were collected and submitted for analysis as detailed above.

A review of the laboratory analytical data indicates that detected analyte concentrations have decreased as compared with the October 15, 2009 sampling event, with the exception of monitoring well MW-11. The apparent surficial groundwater flow direction to the southeast observed during the June sampling event is consistent with previous groundwater sampling events. Groundwater elevations observed during the recent sampling event have risen as compared with the October 2009 sampling event.

OFF-SITE ACCESS REQUESTS

At the direction of the VADEQ, Kleinfelder, on behalf of Fairfax Petroleum Realty, has attempted (unsuccessfully) to negotiate agreements with the owners / managers of the following properties:

- 737 Walker Road, Great Falls, Virginia. Property is located to the northeast of the site;
- 746 Walker Road, Great Falls, Virginia. Property is located to the south/southwest of the site; and
- 9829 Georgetown Pike, Great Falls, Virginia. Property is located to the east/southeast of the site.

At the time of this report, a meeting is scheduled with the Facilities Management Department of Fairfax County to discuss the possibility of installing a bedrock monitoring well at the Great Falls Library Park. The property is located to the northeast of the site.

LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

FIGURES AND TABLE:

Figure 1: Local Area Map

Figure 2: Hydrocarbon Distribution / Groundwater Contour Map
(June 22 & July 1, 2010)

Table 1: Groundwater Monitoring & Analytical Data

APPENDICES:

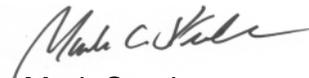
Appendix A: Laboratory Analytical Reports – (June 22 and July 1, 2010)

Prepared By:

Kleinfelder East, Inc.



Russell Perkins
Assistant Project Manager



Mark Steele
Senior Project Manager

FIGURES

Legend

-  Site Location
-  1500-ft Site Radius



G:\Projects\26140_Great Falls\GIS\26140_LAM_022210.mxd

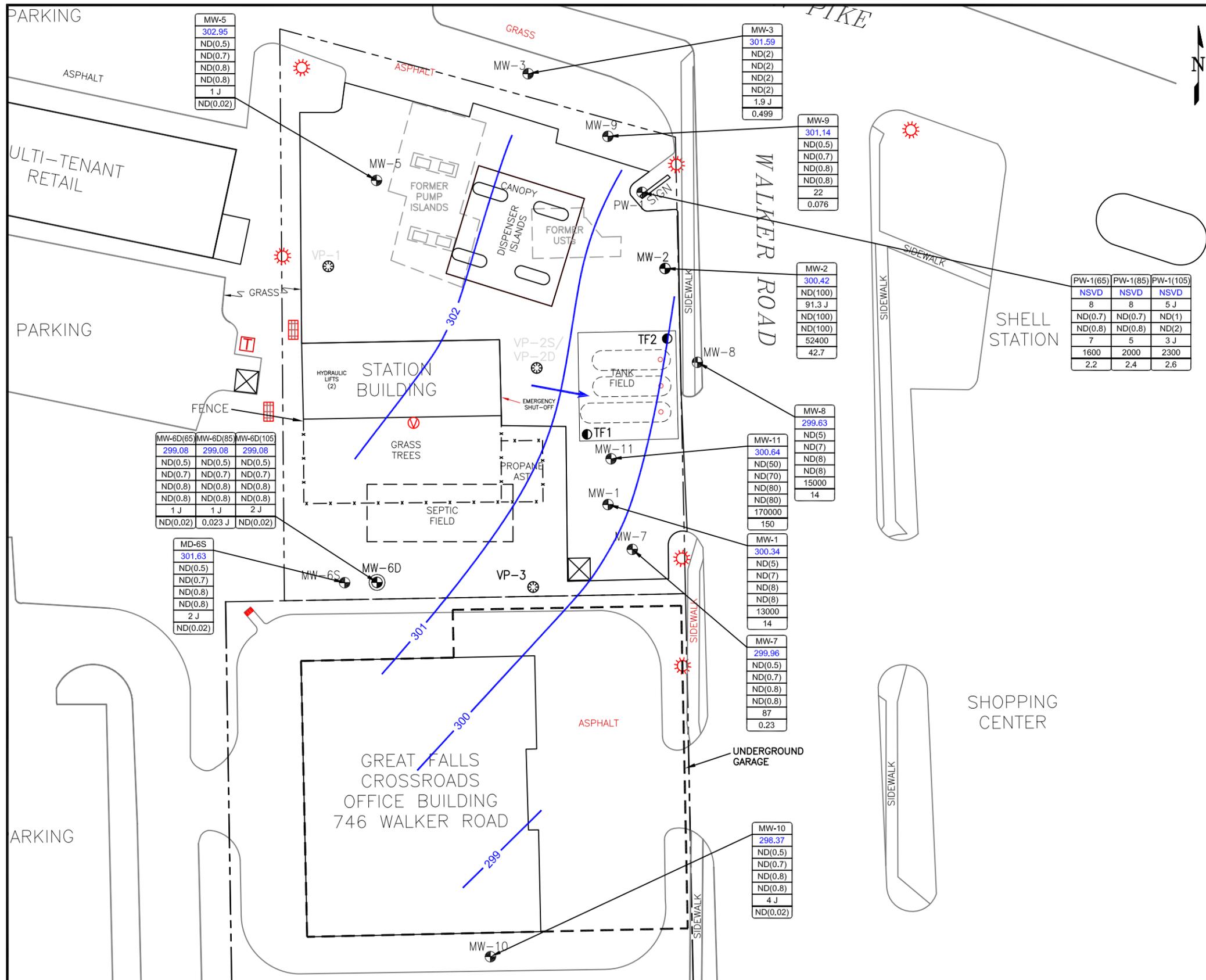
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PROJECT NO.	109816
DRAWN:	07/27/10
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FILE NAME:	26140_LAM_022210.mxd

LOCAL AREA MAP
FAIRFAX PETROLEUM REALTY FACILITY # 26140 9901 GEORGETOWN PIKE GREAT FALLS, VIRGINIA

FIGURE
1



LEGEND

- PROPERTY BOUNDARY
- FENCE
- - - FORMER SITE FEATURES
- ☒ TRANSFORMER
- ☒ DUMPSTER
- ☒ LIGHT POLE
- ☒ DISPENSER ISLAND
- ☒ UNDERGROUND STORAGE TANK
- ☒ CATCH BASIN
- ☒ VENT PIPE
- ⊙ MONITORING WELL
- ⊙ 6" BEDROCK WELL
- ⊙ VAPOR MONITORING POINT
- 301 — GROUNDWATER CONTOUR
- ← GROUNDWATER FLOW DIRECTION
- CONTOUR INTERVAL = 1.0 FEET

MW-8	MONITORING WELL ID
299.63	GROUNDWATER ELEVATION (FEET)
ND(5)	BENZENE (µg/L)
ND(7)	TOLUENE (µg/L)
ND(8)	ETHYL BENZENE (µg/L)
ND(8)	TOTAL XYLENES (µg/L)
15000	MTBE (µg/L)
14	TPH-GRO (mg/L)

µg/L = MICROGRAMS PER LITER
 mg/L = MILLIGRAMS PER LITER
 J = ESTIMATED VALUE
 LPH = LIQUID PHASE HYDROCARBON (THICKNESS IN FEET)
 ND = NOT DETECTED (REPORTING LIMIT)
 MTBE = METHYL TERT BUTYL ETHER
 TPH = TOTAL PETROLEUM HYDROCARBONS
 GRO = GASOLINE RANGE ORGANICS

NOTES:
 MW-2, MW-3, MW-6D, AND PW-1 WERE NOT USED TO CALCULATE GROUNDWATER CONTOURS.
 MW-2 AND MW-3 WERE SAMPLED 07/01/10. ALL OTHER WELLS WERE SAMPLED 06/22/10.
 MW-6D AND PW-1 WERE SAMPLED AT DIFFERENT INTERVALS. (FEET BELOW SURFACE IN PARENTHESES)

HANOVER, MD

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PROJECT NO.	109816
DRAWN:	07/26/10
DRAWN BY:	AJP
CHECKED BY:	RP
FILE NAME:	26140_HDMap_072610.dwg

**HYDROCARBON DISTRIBUTION/
 GROUNDWATER CONTOUR MAP
 JUNE 22 & JULY 1, 2010**

FAIRFAX PETROLEUM REALTY FACILITY #26140
 9901 GEORGETOWN PIKE
 GREAT FALLS, VIRGINIA

FIGURE
2

TABLE

TABLE 1

Groundwater Monitoring & Analytical Data

Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, VA

July 24, 2009 through July 1, 2010

Sample ID	Date	Gauging Data					Analytical Data					
		Top of Casing Elevation	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Methyl Tertiary Butyl Ether (µg/L)	TPH-GRO (mg/L)
MW-1	7/24/2009	100.00	30.45	ND	ND	69.55	13.3	<1.0	0.53	ND	193000	105
	8/18/2009	NM	NM	NM	NM	NM	ND(200)	ND(200)	ND(200)	ND(200)	138000	65.7
	10/15/2009	328.99	31.88	ND	ND	297.11	ND(250)	ND(250)	ND(250)	ND(250)	139000	125
	6/22/2010	328.99	28.65	ND	ND	300.34	ND(5)	ND(7)	ND(8)	ND(8)	13000	14
MW-2	7/24/2009	102.90	33.19	ND	ND	69.71	70.2	8.0	1.0	ND	107000	59
	8/18/2009	NM	NM	NM	NM	NM	ND(100)	ND(100)	ND(100)	ND(100)	87100	53.9
	10/15/2009	332.05	34.41	ND	ND	297.64	ND(250)	ND(250)	ND(250)	ND(250)	122000	117
	7/1/2010	332.05	31.63	ND	ND	300.42	ND(100)	91.3 J	ND(100)	ND(100)	52400	42.7
MW-3	7/24/2009	104.99	33.67	ND	ND	71.32	<0.50	<1.0	<1.0	ND	5.7	NA
	10/15/2009	333.98	34.51	ND	ND	299.47	NS	NS	NS	NS	NS	NS
	7/1/2010	333.98	32.39	ND	ND	301.59	ND(2)	ND(2)	ND(2)	ND(2)	1.9 J	0.499
MW-5	7/24/2009	103.43	30.72	ND	ND	72.71	<0.50	<1.0	<1.0	ND	1.3	NA
	8/18/2009	NM	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.48 J	ND(0.20)
	10/15/2009	332.35	32.51	ND	ND	299.84	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	11.4	ND(0.20)
	6/22/2010	332.35	29.40	ND	ND	302.95	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	ND(0.02)
MW-6D(65)	6/22/2010	323.09	26.69	ND	ND	296.40	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	ND(0.02)
MW-6D(75)	9/24/2009	NM	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.0	NA
	10/15/2009	323.09	26.69	ND	ND	296.40	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.0	ND(0.20)
MW-6D(85)	6/22/2010	323.09	26.69	ND	ND	296.40	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	0.023 J
MW-6D(105)	6/22/2010	323.09	26.69	ND	ND	296.40	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	2 J	0.023 J
MW-6D(110)	9/24/2009	NM	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.0	NA
	10/15/2009	323.09	26.69	ND	ND	296.40	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.0	ND(0.20)
MW-6S	9/24/2009	NM	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.8	NA
	10/15/2009	321.85	23.35	ND	ND	298.50	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.1	ND(0.20)
	6/22/2010	321.85	20.22	ND	ND	301.63	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	2 J	ND(0.02)
MW-7	10/15/2009	327.96	31.21	ND	ND	296.75	3.3 J	ND(10)	ND(10)	ND(10)	4720	10.5
	6/22/2010	327.96	28.00	ND	ND	299.96	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	87	0.23
MW-8	10/15/2009	330.54	34.01	ND	ND	296.53	ND(500)	ND(500)	ND(500)	ND(500)	226000	207
	6/22/2010	330.54	30.91	ND	ND	299.63	ND(5)	ND(7)	ND(8)	ND(8)	15000	14
MW-9	10/15/2009	333.46	35.60	ND	ND	297.86	ND(1.0)	ND(1.0)	ND(1.0)	1.1	64.7	0.430
	6/22/2010	333.46	32.32	ND	ND	301.14	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	22	0.076
MW-10	10/15/2009	324.17	28.77	ND	ND	295.40	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	10.4	ND(0.20)
	6/22/2010	324.17	25.80	ND	ND	298.37	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	4 J	ND(0.02)
MW-11	10/16/2009	NM	NM	NM	NM	NM	16.1	ND(10)	ND(10)	6.6	38400	35.6
	6/22/2010	329.64	29.00	ND	ND	300.64	ND(50)	ND(70)	ND(80)	ND(80)	170000	150

TABLE 1

Groundwater Monitoring & Analytical Data

Fairfax Facility #26140
9901 Georgetown Pike
Great Falls, VA

July 24, 2009 through July 1, 2010

Sample ID	Date	Gauging Data					Analytical Data					
		Top of Casing Elevation	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Methyl Tertiary Butyl Ether (µg/L)	TPH-GRO (mg/L)
PW-1(65)	10/16/2009	NM	NM	NM	NM	NM	8	ND	ND	8.4	250	0.00187
	6/22/2010	NSVD	34.47	ND	ND	NSVD	8	ND(0.7)	ND(0.8)	7	1600	2.2
PW-1(85)	6/22/2010	NSVD	34.47	ND	ND	NSVD	8	ND(0.7)	ND(0.8)	5	2000	2.4
PW-1(105)	10/16/2009	NM	NM	NM	NM	NM	5.8	ND	ND	4.1	1180	0.00371
	6/22/2010	NSVD	34.47	ND	ND	NSVD	5 J	ND(1)	ND(2)	3 J	2300	2.6

Notes:

µg/L - micrograms per liter (parts per billion)

GW - Groundwater

mg/L - milligrams per liter (parts per million)

MTBE - Methyl Tertiary Butyl Ether

MW-6D(65) - Value in parenthesis indicates depth interval measured in feet

NA - Not analyzed

ND - Not detected

ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.

NM - Not monitored

NS - Not sampled

NSVD - Not surveyed to vertical datum

TPH-DRO - Total Petroleum Hydrocarbons-Deisel Range Organics

TPH-GRO - Total Petroleum Hydrocarbons-Gasoline Range Organics

**APPENDIX A:
Laboratory Analytical Reports –
(June 22 and July 1, 2010)**

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Kleinfelder
30 Porter Road
Littleton MA 01460

July 02, 2010

Project: Fairfax 26140

Submittal Date: 06/23/2010

Group Number: 1200215

PO Number: 08531-099536

State of Sample Origin: VA

<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
MW01 Grab Water Sample	6015153
MW05 Grab Water Sample	6015154
MW06S Grab Water Sample	6015155
MW06D(65) Grab Water Sample	6015156
MW07 Grab Water Sample	6015157
MW08 Grab Water Sample	6015158
MW09 Grab Water Sample	6015159
MW10 Grab Water Sample	6015160
MW11 Grab Water Sample	6015161
PW-1(65) Grab Water Sample	6015162
MW06D(85) Grab Water Sample	6015163
MW06D(105) Grab Water Sample	6015164
PW1(85) Grab Water Sample	6015165
PW1(105) Grab Water Sample	6015166

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 COPY TO	Kleinfelder	Attn: Angela Vogt
ELECTRONIC COPY TO	Kleinfelder	Attn: Brian Shedd

Questions? Contact your Client Services Representative
Jessica A Oknefski at (717) 656-2300 Ext. 1815

Respectfully Submitted,



Martha L. Seidel
Senior Chemist



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: MW01 Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015153
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 11:00 by CL Kleinfelder
30 Porter Road
Submitted: 06/23/2010 16:40 Littleton MA 01460
Reported: 07/02/2010 14:44
Discard: 08/02/2010

14001

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10903 Benzene	71-43-2	N.D.	5	10
10903 Ethylbenzene	100-41-4	N.D.	8	10
10903 Methyl Tertiary Butyl Ether	1634-04-4	13,000	50	100
10903 Toluene	108-88-3	N.D.	7	10
10903 Xylene (Total)	1330-20-7	N.D.	8	10
GC Volatiles	SW-846 8015B	mg/l	mg/l	
01635 TPH-GRO water C6-C10	n.a.	14	0.20	10

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101753AA	06/25/2010 07:10	Florida A Cimino	10
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101753AA	06/25/2010 07:38	Florida A Cimino	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101753AA	06/25/2010 07:10	Florida A Cimino	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P101753AA	06/25/2010 07:38	Florida A Cimino	100
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 22:56	Marie D John	10
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 22:56	Marie D John	10



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: MW05 Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015154
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 12:39 by CL

Kleinfelder

30 Porter Road

Littleton MA 01460

Submitted: 06/23/2010 16:40

Reported: 07/02/2010 14:44

Discard: 08/02/2010

140-5

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B		ug/l	ug/l	
10903	Benzene 71-43-2	N.D.	0.5	1
10903	Ethylbenzene 100-41-4	N.D.	0.8	1
10903	Methyl Tertiary Butyl Ether 1634-04-4	1 J	0.5	1
10903	Toluene 108-88-3	N.D.	0.7	1
10903	Xylene (Total) 1330-20-7	N.D.	0.8	1
GC Volatiles SW-846 8015B		mg/l	mg/l	
01635	TPH-GRO water C6-C10 n.a.	N.D.	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 03:40	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 03:40	Florida A Cimino	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 12:21	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 12:21	Marie D John	1



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: MW06S Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015155
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 12:00 by CL Kleinfelder
30 Porter Road
Submitted: 06/23/2010 16:40 Littleton MA 01460
Reported: 07/02/2010 14:44
Discard: 08/02/2010

1406S

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B				
10903	Benzene 71-43-2	N.D.	ug/l 0.5	1
10903	Ethylbenzene 100-41-4	N.D.	0.8	1
10903	Methyl Tertiary Butyl Ether 1634-04-4	2 J	0.5	1
10903	Toluene 108-88-3	N.D.	0.7	1
10903	Xylene (Total) 1330-20-7	N.D.	0.8	1
GC Volatiles SW-846 8015B				
01635	TPH-GRO water C6-C10 n.a.	N.D.	mg/l 0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/24/2010 22:03	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/24/2010 22:03	Florida A Cimino	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 14:59	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 14:59	Marie D John	1

**Sample Description: MW06D(65) Grab Water Sample
Fairfax 26140**

**LLI Sample # WW 6015156
LLI Group # 1200215
Account # 12152**

Project Name: Fairfax 26140

Collected: 06/22/2010 10:50 by CL

Kleinfelder

30 Porter Road

Submitted: 06/23/2010 16:40

Littleton MA 01460

Reported: 07/02/2010 14:44

Discard: 08/02/2010

1406D

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B		ug/l	ug/l	
10903	Benzene 71-43-2	N.D.	0.5	1
10903	Ethylbenzene 100-41-4	N.D.	0.8	1
10903	Methyl Tertiary Butyl Ether 1634-04-4	1 J	0.5	1
10903	Toluene 108-88-3	N.D.	0.7	1
10903	Xylene (Total) 1330-20-7	N.D.	0.8	1
GC Volatiles SW-846 8015B		mg/l	mg/l	
01635	TPH-GRO water C6-C10 n.a.	N.D.	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/24/2010 23:27	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/24/2010 23:27	Florida A Cimino	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 15:25	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 15:25	Marie D John	1



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: MW07 Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015157
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 11:10 by CL

Kleinfelder

30 Porter Road

Littleton MA 01460

Submitted: 06/23/2010 16:40

Reported: 07/02/2010 14:44

Discard: 08/02/2010

140-7

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10903 Benzene	71-43-2	N.D.	0.5	1
10903 Ethylbenzene	100-41-4	N.D.	0.8	1
10903 Methyl Tertiary Butyl Ether	1634-04-4	87	0.5	1
10903 Toluene	108-88-3	N.D.	0.7	1
10903 Xylene (Total)	1330-20-7	N.D.	0.8	1
GC Volatiles	SW-846 8015B	mg/l	mg/l	
01635 TPH-GRO water C6-C10	n.a.	0.23	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/24/2010 23:55	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/24/2010 23:55	Florida A Cimino	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 15:51	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 15:51	Marie D John	1



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: MW08 Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015158
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 12:29 by CL Kleinfelder
30 Porter Road
Submitted: 06/23/2010 16:40 Littleton MA 01460
Reported: 07/02/2010 14:44
Discard: 08/02/2010

140-8

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10903 Benzene	71-43-2	N.D.	5	10
10903 Ethylbenzene	100-41-4	N.D.	8	10
10903 Methyl Tertiary Butyl Ether	1634-04-4	15,000	50	100
10903 Toluene	108-88-3	N.D.	7	10
10903 Xylene (Total)	1330-20-7	N.D.	8	10
GC Volatiles	SW-846 8015B	mg/l	mg/l	
01635 TPH-GRO water C6-C10	n.a.	14	0.20	10

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 00:23	Florida A Cimino	10
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 00:51	Florida A Cimino	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 00:23	Florida A Cimino	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P101754AA	06/25/2010 00:51	Florida A Cimino	100
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 23:22	Marie D John	10
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 23:22	Marie D John	10



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: MW09 Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015159
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 12:50 by CL Kleinfelder
30 Porter Road
Submitted: 06/23/2010 16:40 Littleton MA 01460
Reported: 07/02/2010 14:44
Discard: 08/02/2010

140-9

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B				
10903	Benzene 71-43-2	N.D.	ug/l 0.5	1
10903	Ethylbenzene 100-41-4	N.D.	0.8	1
10903	Methyl Tertiary Butyl Ether 1634-04-4	22	0.5	1
10903	Toluene 108-88-3	N.D.	0.7	1
10903	Xylene (Total) 1330-20-7	N.D.	0.8	1
GC Volatiles SW-846 8015B				
01635	TPH-GRO water C6-C10 n.a.	0.076	mg/l 0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 01:20	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 01:20	Florida A Cimino	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 16:43	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 16:43	Marie D John	1



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: MW10 Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015160
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 10:00 by CL

Kleinfelder

30 Porter Road

Littleton MA 01460

Submitted: 06/23/2010 16:40

Reported: 07/02/2010 14:44

Discard: 08/02/2010

40-10

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B		ug/l	ug/l	
10903	Benzene 71-43-2	N.D.	0.5	1
10903	Ethylbenzene 100-41-4	N.D.	0.8	1
10903	Methyl Tertiary Butyl Ether 1634-04-4	4 J	0.5	1
10903	Toluene 108-88-3	N.D.	0.7	1
10903	Xylene (Total) 1330-20-7	N.D.	0.8	1
GC Volatiles SW-846 8015B		mg/l	mg/l	
01635	TPH-GRO water C6-C10 n.a.	N.D.	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 04:08	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 04:08	Florida A Cimino	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 17:10	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 17:10	Marie D John	1



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: MW11 Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015161
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 11:20 by CL Kleinfelder
30 Porter Road
Submitted: 06/23/2010 16:40 Littleton MA 01460
Reported: 07/02/2010 14:44
Discard: 08/02/2010

4011-

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10903 Benzene	71-43-2	N.D.	50	100
10903 Ethylbenzene	100-41-4	N.D.	80	100
10903 Methyl Tertiary Butyl Ether	1634-04-4	170,000	500	1000
10903 Toluene	108-88-3	N.D.	70	100
10903 Xylene (Total)	1330-20-7	N.D.	80	100
GC Volatiles	SW-846 8015B	mg/l	mg/l	
01635 TPH-GRO water C6-C10	n.a.	150	2.0	100

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 04:36	Florida A Cimino	100
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 05:04	Florida A Cimino	1000
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 04:36	Florida A Cimino	100
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P101754AA	06/25/2010 05:04	Florida A Cimino	1000
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10179A07A	06/29/2010 18:56	Marie D John	100
01146	GC VOA Water Prep	SW-846 5030B	1	10179A07A	06/29/2010 18:56	Marie D John	100



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: PW-1(65) Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015162
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 13:25 by CL

Kleinfelder

30 Porter Road

Littleton MA 01460

Submitted: 06/23/2010 16:40

Reported: 07/02/2010 14:44

Discard: 08/02/2010

140P1

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10903 Benzene	71-43-2	8	0.5	1
10903 Ethylbenzene	100-41-4	N.D.	0.8	1
10903 Methyl Tertiary Butyl Ether	1634-04-4	1,600	10	20
10903 Toluene	108-88-3	N.D.	0.7	1
10903 Xylene (Total)	1330-20-7	7	0.8	1
GC Volatiles	SW-846 8015B	mg/l	mg/l	
01635 TPH-GRO water C6-C10	n.a.	2.2	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 06:00	Florida A Cimino	20
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101771AA	06/26/2010 19:21	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 06:00	Florida A Cimino	20
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P101771AA	06/26/2010 19:21	Kelly E Keller	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 17:37	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 17:37	Marie D John	1



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: MW06D(85) Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015163
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 10:15 by CL

Kleinfelder

30 Porter Road

Littleton MA 01460

Submitted: 06/23/2010 16:40

Reported: 07/02/2010 14:44

Discard: 08/02/2010

40D85

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10903 Benzene	71-43-2	N.D.	0.5	1
10903 Ethylbenzene	100-41-4	N.D.	0.8	1
10903 Methyl Tertiary Butyl Ether	1634-04-4	1 J	0.5	1
10903 Toluene	108-88-3	N.D.	0.7	1
10903 Xylene (Total)	1330-20-7	N.D.	0.8	1
GC Volatiles	SW-846 8015B	mg/l	mg/l	
01635 TPH-GRO water C6-C10	n.a.	0.023 J	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 06:29	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 06:29	Florida A Cimino	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 18:03	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 18:03	Marie D John	1



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: MW06D(105) Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015164
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 09:25 by CL

Kleinfelder

30 Porter Road

Littleton MA 01460

Submitted: 06/23/2010 16:40

Reported: 07/02/2010 14:44

Discard: 08/02/2010

40105

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10903 Benzene	71-43-2	N.D.	0.5	1
10903 Ethylbenzene	100-41-4	N.D.	0.8	1
10903 Methyl Tertiary Butyl Ether	1634-04-4	2 J	0.5	1
10903 Toluene	108-88-3	N.D.	0.7	1
10903 Xylene (Total)	1330-20-7	N.D.	0.8	1
GC Volatiles	SW-846 8015B	mg/l	mg/l	
01635 TPH-GRO water C6-C10	n.a.	0.023 J	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 07:53	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 07:53	Florida A Cimino	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 18:30	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 18:30	Marie D John	1



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: PW1(85) Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015165
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 12:55 by CL Kleinfelder
30 Porter Road
Littleton MA 01460
Submitted: 06/23/2010 16:40
Reported: 07/02/2010 14:44
Discard: 08/02/2010

40P85

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	SW-846 8260B	ug/1	ug/1	
10903 Benzene	71-43-2	8	0.5	1
10903 Ethylbenzene	100-41-4	N.D.	0.8	1
10903 Methyl Tertiary Butyl Ether	1634-04-4	2,000	5	10
10903 Toluene	108-88-3	N.D.	0.7	1
10903 Xylene (Total)	1330-20-7	5	0.8	1
GC Volatiles	SW-846 8015B	mg/1	mg/1	
01635 TPH-GRO water C6-C10	n.a.	2.4	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 06:56	Florida A Cimino	1
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101754AA	06/25/2010 07:25	Florida A Cimino	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101754AA	06/25/2010 06:56	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P101754AA	06/25/2010 07:25	Florida A Cimino	10
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 18:56	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 18:56	Marie D John	1



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: PW1(105) Grab Water Sample
Fairfax 26140

LLI Sample # WW 6015166
LLI Group # 1200215
Account # 12152

Project Name: Fairfax 26140

Collected: 06/22/2010 12:25 by CL

Kleinfelder
30 Porter Road
Littleton MA 01460

Submitted: 06/23/2010 16:40

Reported: 07/02/2010 14:44

Discard: 08/02/2010

4P105

CAT No.	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B		ug/l	ug/l	
10903	Benzene 71-43-2	5 J	1	2
10903	Ethylbenzene 100-41-4	N.D.	2	2
10903	Methyl Tertiary Butyl Ether 1634-04-4	2,300	10	20
10903	Toluene 108-88-3	N.D.	1	2
10903	Xylene (Total) 1330-20-7	3 J	2	2
GC Volatiles SW-846 8015B		mg/l	mg/l	
01635	TPH-GRO water C6-C10 n.a.	2.6	0.020	1

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
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101761AA	06/25/2010 16:01	Kelly E Keller	2
10903	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	P101761AA	06/25/2010 16:29	Kelly E Keller	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101761AA	06/25/2010 16:01	Kelly E Keller	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P101761AA	06/25/2010 16:29	Kelly E Keller	20
01635	TPH-GRO water C6-C10	SW-846 8015B	1	10176A07A	06/25/2010 19:22	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10176A07A	06/25/2010 19:22	Marie D John	1

Quality Control Summary

 Client Name: Kleinfelder
 Reported: 07/02/10 at 02:44 PM

Group Number: 1200215

Matrix QC may not be reported if 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.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: P101753AA	Sample number(s): 6015153							
Benzene	N.D.	0.5	ug/l	98	96	79-120	2	30
Ethylbenzene	N.D.	0.8	ug/l	86	84	79-120	2	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96	93	76-120	4	30
Toluene	N.D.	0.7	ug/l	95	90	79-120	5	30
Xylene (Total)	N.D.	0.8	ug/l	87	85	80-120	3	30
Batch number: P101754AA	Sample number(s): 6015154-6015165							
Benzene	N.D.	0.5	ug/l	94		79-120		
Ethylbenzene	N.D.	0.8	ug/l	89		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	98		76-120		
Toluene	N.D.	0.7	ug/l	93		79-120		
Xylene (Total)	N.D.	0.8	ug/l	90		80-120		
Batch number: P101761AA	Sample number(s): 6015166							
Benzene	N.D.	0.5	ug/l	98	100	79-120	2	30
Ethylbenzene	N.D.	0.8	ug/l	85	86	79-120	1	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95	96	76-120	1	30
Toluene	N.D.	0.7	ug/l	94	93	79-120	1	30
Xylene (Total)	N.D.	0.8	ug/l	86	86	80-120	0	30
Batch number: P101771AA	Sample number(s): 6015162							
Benzene	N.D.	0.5	ug/l	99	98	79-120	1	30
Ethylbenzene	N.D.	0.8	ug/l	87	86	79-120	1	30
Toluene	N.D.	0.7	ug/l	94	94	79-120	0	30
Xylene (Total)	N.D.	0.8	ug/l	87	86	80-120	1	30
Batch number: 10176A07A	Sample number(s): 6015153-6015160, 6015162-6015166							
TPH-GRO water C6-C10	N.D.	0.020	mg/l	91	84	75-135	8	30
Batch number: 10179A07A	Sample number(s): 6015161							
TPH-GRO water C6-C10	N.D.	0.020	mg/l	91	91	75-135	0	30

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: P101753AA	Sample number(s): 6015153 UNSPK: P014627								
Benzene	103		80-126						
Ethylbenzene	90		71-134						

*- 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

Group Number: 1200215

Reported: 07/02/10 at 02:44 PM

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

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Methyl Tertiary Butyl Ether	97		72-126						
Toluene	99		80-125						
Xylene (Total)	91		79-125						
Batch number: P101754AA Sample number(s): 6015154-6015165 UNSPK: 6015155									
Benzene	101	100	80-126	1	30				
Ethylbenzene	96	97	71-134	1	30				
Methyl Tertiary Butyl Ether	99	99	72-126	0	30				
Toluene	100	101	80-125	2	30				
Xylene (Total)	95	97	79-125	2	30				
Batch number: P101761AA Sample number(s): 6015166 UNSPK: P011609									
Benzene	100		80-126						
Ethylbenzene	88		71-134						
Methyl Tertiary Butyl Ether	95		72-126						
Toluene	95		80-125						
Xylene (Total)	88		79-125						
Batch number: P101771AA Sample number(s): 6015162 UNSPK: P016480									
Benzene	99		80-126						
Ethylbenzene	88		71-134						
Toluene	96		80-125						
Xylene (Total)	88		79-125						
Batch number: 10176A07A Sample number(s): 6015153-6015160,6015162-6015166 UNSPK: 6015154									
TPH-GRO water C6-C10	100		63-154						
Batch number: 10179A07A Sample number(s): 6015161 UNSPK: P017495									
TPH-GRO water C6-C10	98	98	63-154	0	30				

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: PPL 8260 Water

Batch number: P101753AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6015153	94	102	102	93
Blank	94	104	102	93
LCS	95	105	102	93
LCSD	94	107	101	92
MS	95	107	102	92
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL 8260 Water

Batch number: P101754AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- 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: 07/02/10 at 02:44 PM

Group Number: 1200215

Surrogate Quality Control

6015154	92	100	103	94
6015155	94	102	102	94
6015156	93	101	102	93
6015157	94	100	102	94
6015158	94	100	102	94
6015159	93	101	102	94
6015160	93	100	102	93
6015161	93	102	101	93
6015163	92	100	102	93
6015164	93	99	102	94
6015165	92	101	102	93
Blank	94	100	102	93
LCS	93	104	102	93
MS	93	103	102	93
MSD	94	104	103	94
<hr/>				
Limits:	80-116	77-113	80-113	78-113
Analysis Name: PPL 8260 Water				
Batch number: P101761AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6015166	93	103	101	92
Blank	95	104	101	92
LCS	94	107	102	92
LCSD	95	109	101	93
MS	96	106	102	92
<hr/>				
Limits:	80-116	77-113	80-113	78-113
Analysis Name: PPL 8260 Water				
Batch number: P101771AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6015162	94	102	101	94
Blank	94	105	102	93
LCS	94	107	101	93
LCSD	94	107	101	92
MS	94	107	102	92
<hr/>				
Limits:	80-116	77-113	80-113	78-113
Analysis Name: TPH-GRO water C6-C10				
Batch number: 10176A07A				
	Trifluorotoluene-F			
6015153	98			
6015154	95			
6015155	93			
6015156	95			
6015157	100			
6015158	99			
6015159	97			
6015160	95			
6015162	109			
6015163	95			
6015164	95			

*- 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: 07/02/10 at 02:44 PM

Group Number: 1200215

Surrogate Quality Control

6015165	102
6015166	103
Blank	95
LCS	111
LCSD	108
MS	103

Limits: 63-135

Analysis Name: TPH-GRO water C6-C10
Batch number: 10179A07A
Trifluorotoluene-F

6015161	108
Blank	94
LCS	105
LCSD	105
MS	108
MSD	108

Limits: 63-135

*- 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.



Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
 Group #: _____ Sample #: _____
1200215 6015153-67
Page 1 of 2

Client: <u>Fairfax Petroleum</u> Acct. #: _____			Matrix			Analyses Requested				For Lab Use Only									
Project Name#: <u>26140</u> PWSID #: _____			Potable NPDES			Preservation Codes				FSC: _____									
Project Manager: <u>Mark Steele</u> P.O. #: <u>D8534099526</u>			Soil							SCR#: _____									
Sampler: <u>Charlie Low, Thearon Tateum</u> Quote #: _____			Water							Preservation Codes									
Name of State where samples were collected: <u>Virginia</u>			Other							<small> NHCl T=Thiosulfate H=HNO3 B=NaOH S=H2SO4 O=Other </small>									
Date Collected			Time Collected			Total # of Containers			Remarks										
Sample Identification			Grab Composite			BTEX, MTBE 8260			Temperature of samples upon receipt (if requested)										
MW01			6/22/2010 1100			6													
MW02			6/22/2010			6													
MW03			6/22/2010			6													
MW05			6/22/2010 1239			6													
MW06S			6/22/2010 1200			6													
MW06D (65)			6/22/2010 1050			6													
MW07			6/22/2010 1110			6													
MW08			6/22/2010 1229			6													
MW09			6/22/2010 1250			6													
MW10			6/22/2010 1000			6													
MW11			6/22/2010 1120			6													
PWF PW-1 (865)			6/22/2010 1325			6													
Turnaround Time Requested (TAT) (please circle): Normal Rush						Relinquished by: <u>CKK</u>		Date: <u>6/22/10</u>		Time: <u>1745</u>		Received by: <u>Sample Room</u>		Date: _____		Time: _____			
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)						Relinquished by: <u>Sample Room</u>		Date: <u>6/23/10</u>		Time: <u>1624</u>		Received by: <u>Kran</u>		Date: <u>6/23/10</u>		Time: <u>1620</u>			
Date results are needed: _____						Relinquished by: <u>Kran</u>		Date: <u>6/23/10</u>		Time: <u>1640</u>		Received by: _____		Date: _____		Time: _____			
Rush results requested by (please circle): Phone Fax E-mail						Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____			
Phone #: _____ Fax #: _____						Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____			
E-mail address: _____						Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____			
Data Package Options (please circle if required)						SDG Complete? Yes No		Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____	
Type I (validation/NJ reg) TX-TRRP-13						Yes No		Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____	
Type II (Tier II) MA MCP CT RCP						Yes No		Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____	
Type III (Reduced NJ)						State-specific QC (MS/MSD/Dup)? Yes No		Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____	
Type IV (CLP SOW)						(If yes, indicated QC sample and submit triplicate volume)		Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____	
Type VI (Raw Data Only)						Internal COC required? Yes No		Relinquished by: _____		Date: _____		Time: _____		Received by: <u>52</u>		Date: <u>6/23/10</u>		Time: <u>1640</u>	

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-658-2300
 Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Analysis Request/ Environmental Services Chain of Custody



For Lancaster Laboratories use only
 Acct. # 12152 Group# 1200215 Sample # 6015153-67

COC # 238649

3

Please print. Instructions on reverse side correspond with circled numbers.

Page 2 of 2

<p>1 Client: <u>Fairfax Petroleum</u> Acct. #: _____</p> <p>Project Name/ #: <u>26140</u> PWSID #: _____</p> <p>Project Manager: <u>Mark Steele</u> P.O.#: <u>08531-099536</u></p> <p>Sampler: <u>Charlie Low, Thomson Tatum</u> Quote #: _____</p> <p>Name of state where samples were collected: <u>Virginia</u></p>				<p>4 Matrix</p> <p>Check if Potable <input type="checkbox"/> or NPDES <input type="checkbox"/> Applicable</p> <p>Soil <input type="checkbox"/> Water <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5 Analyses Requested</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="6">Preservation Codes</th> </tr> <tr> <td>I</td><td>I</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>BTEX, MTBE 8260</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td>TPH-GRO 8015</td><td></td><td></td><td></td><td></td> </tr> </table>						Preservation Codes						I	I					BTEX, MTBE 8260							TPH-GRO 8015					<p>For Lab Use Only</p> <p>FSC: _____</p> <p>SCR#: <u>92146</u></p> <p>Preservation Codes H=HCl T=Thiosulfate N=HNO₃ B=NaOH S=H₂SO₄ O=Other</p>																													
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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)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
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.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is $<$ CRDL, but \geq IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike sample not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
N Presumptive evidence of a compound (TICs only)	U Compound was not detected
P Concentration difference between primary and confirmation columns $>$ 25%	W Post digestion spike out of control limits
U Compound was not detected	* Duplicate analysis not within control limits
X,Y,Z Defined in case narrative	+ 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.

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Technical Report for

Kleinfelder

Fairfax#26140, 9901 Georgetown Pike, Great Falls, VA

PO#08531-100125

Accutest Job Number: JA50508

Sampling Date: 07/01/10

Report to:

Kleinfelder

mcsteele@kleinfelder.com

ATTN: Mark Steele

Total number of pages in report: **11**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
David N. Speis
VP Ops, Laboratory Director

Client Service contact: Tony Esposito 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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2.2: JA50508-2: MW-03	7
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3.1: Chain of Custody	10



Sample Summary

Kleinfelder

Job No: JA50508

Fairfax#26140, 9901 Georgetown Pike, Great Falls, VA
Project No: PO#08531-100125

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA50508-1	07/01/10	12:15 GM	07/01/10	AQ	Ground Water	MW-02
JA50508-2	07/01/10	12:35 GM	07/01/10	AQ	Ground Water	MW-03



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: MW-02	Date Sampled: 07/01/10
Lab Sample ID: JA50508-1	Date Received: 07/01/10
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Fairfax#26140, 9901 Georgetown Pike, Great Falls, VA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S132916.D	100	07/06/10	AVM	n/a	n/a	VS5463
Run #2	S132917.D	500	07/06/10	AVM	n/a	n/a	VS5463

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	100	23	ug/l	
108-88-3	Toluene	91.3	100	30	ug/l	J
100-41-4	Ethylbenzene	ND	100	27	ug/l	
1330-20-7	Xylene (total)	ND	100	25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	52400 ^a	500	120	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	113%	76-120%
17060-07-0	1,2-Dichloroethane-D4	109%	113%	64-135%
2037-26-5	Toluene-D8	106%	106%	76-117%
460-00-4	4-Bromofluorobenzene	102%	102%	72-122%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-02	Date Sampled: 07/01/10
Lab Sample ID: JA50508-1	Date Received: 07/01/10
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8015B	
Project: Fairfax#26140, 9901 Georgetown Pike, Great Falls, VA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV83795.D	5	07/05/10	CY	n/a	n/a	GUV3279
Run #2 ^a	UV83760.D	1	07/04/10	KJF	n/a	n/a	GUV3277

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	42.7	1.0	0.056	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	88%	92%	68-114%

(a) Sample re-analyzed for further dilution.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-03	Date Sampled: 07/01/10
Lab Sample ID: JA50508-2	Date Received: 07/01/10
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Fairfax#26140, 9901 Georgetown Pike, Great Falls, VA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2C71793.D	2	07/07/10	AVM	n/a	n/a	V2C3268
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.47	ug/l	
108-88-3	Toluene	ND	2.0	0.60	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.54	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.9	2.0	0.47	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-120%
17060-07-0	1,2-Dichloroethane-D4	96%		64-135%
2037-26-5	Toluene-D8	100%		76-117%
460-00-4	4-Bromofluorobenzene	94%		72-122%

(a) Diluted due to high concentration of non-target compound.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-03	Date Sampled: 07/01/10
Lab Sample ID: JA50508-2	Date Received: 07/01/10
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8015B	
Project: Fairfax#26140, 9901 Georgetown Pike, Great Falls, VA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV83791.D	1	07/05/10	CY	n/a	n/a	GUV3279
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.499	0.20	0.011	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
98-08-8	aaa-Trifluorotoluene	88%		68-114%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA50508 Client: _____ Immediate Client Services Action Required: No
 Date / Time Received: 7/1/2010 Delivery Method: _____ Client Service Action Required at Login: No
 Project: _____ No. Coolers: 1 Airbill #s: _____

Cooler Security Y or N Y or N
 1. Custody Seals Present: 3. COC Present:
 2. Custody Seals Intact: 4. Smpl Dates/Time OK

Cooler Temperature Y or N
 1. Temp criteria achieved:
 2. Cooler temp verification: Infrared gun
 3. Cooler media: Ice (bag)

Quality Control Preservation Y or N N/A
 1. Trip Blank present / cooler:
 2. Trip Blank listed on COC:
 3. Samples preserved properly:
 4. VOCs headspace free:

Sample Integrity - Documentation Y or N
 1. Sample labels present on bottle:
 2. Container labeling complete:
 3. Sample container label / COC agree:

Sample Integrity - Condition Y or N
 1. Sample recvd within HT:
 2. All containers accounted for:
 3. Condition of sample: Intact

Sample Integrity - Instructions Y or N N/A
 1. Analysis requested is clear:
 2. Bottles received for unspecified tests:
 3. Sufficient volume recvd for analysis:
 4. Compositing instructions clear:
 5. Filtering instructions clear:

Comments