ADVANTAGE ENVIRONMENTAL CONSULTANTS, LLC

Emergency Subsurface Environmental Investigation

Gasoline Fueling Station – Royal Farms #96
500 Mechanics Valley Road
North East, Cecil County, Maryland 21901

OCP Case No. 2011-0729-CE
MDE Facility No. 13326

AEC Project Number: 05-056 RF096

Prepared for:
Maryland Department of the Environment
Oil Control Program
Montgomery Park
1800 Washington Boulevard
Baltimore, Maryland 21230-1719

And

Royal Farms / Two Farms, Inc.
3611 Roland Avenue
Baltimore, Maryland 21211

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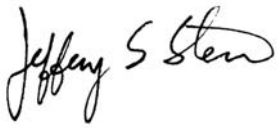
July 19, 2011

ADVANTAGE ENVIRONMENTAL CONSULTANTS, LLC

Emergency Subsurface Environmental Investigation

Prepared by: Thomas E. Ruszin III
Title: Project Manager
Date: July 19, 2011



Reviewed by: Jeffery S. Stein, P.G.
Title: Principal
Date: July 19, 2011

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APPENDICES

1.0 INTRODUCTION

1.1 Purpose

Advantage Environmental Consultants, LLC (AEC) was contracted by Royal Farms/Two Farms, Inc. to prepare this Emergency Subsurface Environmental Investigation Report for the Royal Farms Store No. 96, located at 500 Mechanics Valley Road in North East, Maryland (herein referred to as the "Site"). A Site Vicinity Map and a Site Area Map are provided in Appendix A as Figures 1 and 2, respectively.

The primary purpose of the investigation was to delineate liquid petroleum hydrocarbon (LPH) impact on the northeastern portion of the Site. Specifically, the area in the vicinity of MW-3, located east of the tank pit and north of the dispenser islands. AEC conducted this investigation between June 16 and June 21, 2011. Twenty-four borings were advanced to depths ranging from 15 to 20 feet below ground surface (bgs). Temporary piezometers were installed in all but one of the borings in order to collect groundwater samples and data pertaining to the extent of LPH. Representative soil samples were also collected from all boring locations. Other activities conducted as part of the emergency investigation included the following: collection and analysis of groundwater samples from the potable drinking water wells located at 463, 475, 487, 493, 505 and 513 Mechanics Valley Road; and, installation of granular activated carbon (GAC) filtration systems on the potable drinking water wells located at 505 and 513 Mechanics Valley Road.

This work was performed pursuant to the Maryland Department of the Environment (MDE) Oil Control Program (OCP) Report of Observations dated June 14, 2011. This report was prepared in accordance with the MDE OCP guidelines set forth in the Maryland Environmental Assessment Technology (MEAT) for Leaking Underground Storage Tanks (LUSTs) document, Revised February 2003 and the Subsurface Investigation Work Plan, dated June 15, 2011, which was prepared for Royal Farms/Two Farms, Inc. by AEC.

1.2 Location and Description

The Site is situated in a commercial/residential area located southeast of the intersection of Mechanics Valley Road and Pulaski Highway in North East, Cecil County, Maryland. The Site is developed with a convenience store/gasoline fueling station and associated asphalt- and concrete-paved areas. The Site currently operates three fiberglass wrapped composite steel underground storage tanks (USTs) which distribute fuel to 12 product dispensers (two diesel and 10 gasoline). The system consists of the following: a 20,000 gallon unleaded regular UST, a 12,000 gallon super unleaded UST, and a 12,000 gallon diesel UST. The UST system was installed in 1999. A Site Features Map is presented as Figure 3 in Appendix A.

According to the United States Geological Survey (USGS) 7.5-Minute Series North East, MD Topographic Quadrangle, the Site elevation is approximately 70 feet above

mean sea level (msl). Surface drainage at the Site is generally to the west towards Little North East Creek, a tributary of the North East River, located approximately 1,400 feet west of the Site at its closest point. The North East River drains into the Chesapeake Bay. No surface water bodies are present on the Site.

Electric service is provided to the Site by Delmarva Power. Water is supplied by a potable well (Permit No. CE-94-3354) located to the west of the Site building. Storm water flows to a retention pond located on the northwest portion of the Site and is channeled into the Maryland State Highway Administration (SHA) storm water system along Pulaski Highway. Municipal sewer service is provided to the Site and vicinity by the Cecil County Department of Public Works. The sanitary sewer line that services the Site runs from the middle of Montgomery Drive to the northeastern portion of the Site building. The Montgomery Drive manhole depth is 7.53 feet below ground surface. One sanitary cleanout is located along this line. The depth of this cleanout is 5.15 feet below ground surface. Additionally, a grease interceptor and two associated cleanouts are located immediately north of the Site building. The depth of the bottom of the grease interceptor is 6.12 feet bgs. The grease interceptor is connected to the sanitary sewer line. A Site Utilities Map is included as Figure 4 in Appendix A.

1.3 Background

On June 8, 2011, AEC was performing an annual groundwater sampling event in accordance with Code of Maryland Regulations (COMAR) 26.10.02.03-04, when approximately two-inches of LPH was encountered in groundwater monitoring well MW-3. The LPH was observed to be golden in color, indicating 'un-weathered' gasoline. AEC inspected the submersible turbine pump (STP) containment sumps, which were observed to be free of LPH. Royal Farms was informed of the field observations made by AEC and Mr. Thomas E. Ruszin, of AEC reported a suspected release of petroleum to the MDE at approximately 3:40 p.m. On June 13, 2011 the MDE OCP opened a case in response to a report of evidence of a petroleum spill at the Site. LPH recovery from MW-3 via a vac-truck began that same day and has continued on a seven days a week schedule since June 13, 2011. The well locations are illustrated on Figure 3 in Appendix A.

2.0 REGIONAL AND LOCAL GEOLOGY AND HYDROGEOLOGY

2.1 Regional Geology

According to the Maryland Geological Survey's Geologic Map of Maryland (1968); the Site is located in the Atlantic Coastal Plain physiographic province, which is situated east of the fall line that separates the unconsolidated sediments of the Atlantic Coastal Plain province from the metamorphic units of the Piedmont. According to the map, the Site is underlain by Quaternary (Pleistocene to present) Lowland Deposits. This formation consists of irregularly distributed beds of sand, gravel, sandy clay, and clay. The sandy components are medium- to course-grained quartz sand with cobbles and boulders near the base. Most beds are lenticular and change rapidly in character over short distances. The formation commonly contains reworked Eocene glauconite. The finer grained materials consist of varicolored silts and clays and brown to dark gray lignitic silty clay.

2.2 Local Geology

Based on a review of the boring logs for all subsurface borings completed on the Site, the soils generally consist of inter-bedded sand, silt, clay and gravel deposits. Specifically, lithologic variations of clayey sand and sandy clay are found to depths between 1 and 20 feet below ground surface (bgs). In most of the borings a sand or sand/gravel component is found in the assorted variations throughout. The soil was observed to be moist in some of the borings at depths as shallow as 6.5 feet bgs. Saturated soil was observed in some of the borings below 9.5 feet bgs. Boring logs are included as Appendix B.

2.3 Local Hydrogeology

Twenty-three temporary piezometers were installed at the Site using direct push technology. The locations of the temporary piezometers are provided on Figure 5 in Appendix A (B-21 does not have a piezometer). Groundwater gauging of the temporary piezometers was performed on a daily basis during the course of this investigation.

The gauging event performed on July 1, 2011, is used as representative groundwater data for this report. Depth to groundwater ranged from 6.96 feet below ground surface (bgs) in B-23 to 14.62 feet bgs in B-12. Depth to groundwater in the on-Site monitoring wells ranged from 9.76 feet bgs in MW-1 to 12.88 feet bgs in MW-3. These groundwater depths were compared to top of casing elevations with an arbitrary datum of 100 feet. Groundwater elevations in the on-Site monitoring wells ranged from 84.80 feet in MW-1 to 85.07 feet in MW-3.

During the July 1, 2011 gauging event, measurable LPH was present in well MW-3 (0.29 feet) and temporary piezometers B-6 (0.07 feet), B-10 (0.59 feet), B-13 (0.11 feet) and B-22 (3.31 feet). Historical Groundwater Elevation Data from the piezometers and monitoring wells are summarized in Tables 1 and 2, respectively in Appendix C.

A groundwater gradient map was developed using the July 1, 2011 data and is provided as Figure 6 in Appendix A. Groundwater flow is shown to be generally towards the west. The hydraulic gradient (change in head per unit distance (*dh/dl*)) between MW-3 and MW-1 was 0.002 feet per foot during this monitoring event.

3.0 INVESTIGATIVE METHODS

3.1 Direct Push Drilling

Drilling activities were conducted between June 16 and 21, 2011. Sample cores were collected in five-foot intervals using a track-mounted Geoprobe drill rig, which utilizes a stainless steel, split spoon sampler. All sampling equipment was decontaminated in the field using non-phosphate liquinox and water prior to use. AEC contracted Hugo Drilling, Inc. of Frederick, Maryland to perform the drilling activities.

The Geoprobe system is a hydraulically powered percussion probing machine used to advance sampling tools through unconsolidated soils. The Geoprobe sample collection method involves a hydraulically pushed stainless steel hollow core, measuring five feet long, with a stainless steel cutting shoe on the leading edge. For each sampling interval, a disposable non-reactive plastic liner is placed inside the core and the cutting shoe is threaded on. The core is driven through the sampling interval, thereby filling the core with a section of undisturbed sample.

A total of 24 Geoprobe borings (B-1 through B-24) were advanced at the Site. The initial borings were advanced around MW-3 and the subsequent borings arrayed outward from MW-3 in an attempt to delineate the extent of LPH. A map illustrating the soil boring/temporary piezometer locations is included as Figure 3 in Appendix A. Boring Logs are included in Appendix B.

3.1.1 Soil Sampling Methodology

An AEC Field Geologist logged the geologic conditions of the borings and field screened soil cores for volatile organic compounds (VOCs) using a photoionization detector (PID). Soil samples were collected from above the water table in most of the borings. The criteria for selecting the soil samples were based on elevated PID readings or evidence of impact in soil. If no PID readings were encountered, samples were collected immediately above the observed groundwater interface.

Elevated PID readings and petroleum odors were observed in all of the borings advanced during this investigation with the exception of borings B-11, B-12, B-21, and B-24. PID and odor observations are summarized on the Boring Logs included as Appendix B.

The soil samples were analyzed for VOCs, including fuel oxygenates, via U.S. Environmental Protection Agency (USEPA) Method 8260, and Total Petroleum Hydrocarbons (TPH) Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) via USEPA Method 8015B.

3.1.2 Installation of Temporary Piezometers

AEC converted all but one of the soil borings into temporary piezometers (B-21 caved in before a piezometer could be installed). The depths of the piezometers varied as some of the boreholes partially collapsed upon completion of the soil sampling activities. All borings were advanced using two-inch diameter geoprobe sampling rods.

The temporary piezometers were constructed of one-inch diameter, PVC screen and riser. Screen and riser lengths varied based on the depth of the boring and the estimated water table depth. A sand filter pack was placed to approximately two feet above the screened interval. An approximate two-feet-thick bentonite seal was installed above the sand pack. The PVC well heads were then secured with a slip cap. The temporary piezometers were not developed prior to sampling at the direction of the MDE. The piezometer construction details are included on the Soil Boring Logs in Appendix B.

3.1.3 Groundwater Sampling Methodology

Prior to the collection of groundwater samples, AEC purged at least three well volumes from each temporary piezometer. All samples were collected using dedicated high-density polyethylene (HDPE) disposable bailers. Groundwater samples were collected from the temporary piezometers on June 22 and June 24, 2011.

The groundwater samples were analyzed for VOCs and fuel oxygenates via USEPA Method 8260, and TPH GRO and DRO via USEPA Method 8015B.

3.1.4 Equipment Decontamination Procedures

Prior to arriving at the site and between each soil boring, all hand augers, core barrels, cutting shoes, probe rods, tips, sleeves, pushrods, samplers, tools, and other downhole equipment was decontaminated using a Liquinox and water solution followed by a water rinse. Fuel, lubricants, and other similar substances were handled in a manner consistent with accepted safety procedures and standard operating practices.

3.1.5 Investigation Derived Waste Management Procedures

All development and purge water from the temporary piezometers was temporarily containerized in 5-gallon buckets and disposed of using the on-Site vacuum truck. Investigation-derived soil was containerized in a 55-gallon drum, labeled (date of generation, site name/address, source, and contents), and staged on the Site. The soil drum will be transported and disposed of according to applicable United States Department of Transportation (USDOT), EPA, and MDE regulations.

3.2 Groundwater Gauging Procedures

Groundwater levels within each temporary piezometer were measured using an electronic oil-water interface probe accurate to 0.01-feet. The interface probe was cleaned (Liquinox and water rinse) prior to use in each well.

Static groundwater was measured at depths within the temporary piezometers on June 24, 2011 ranging from 4.36 feet bgs in B-20 to 13.96 feet bgs in B-5. Piezometers B-3 and B-24 were dry during the June 24, 2011 gauging event. None of the temporary piezometers were observed to contain LPH during the June 24, 2011 gauging event.

The temporary piezometers have been gauged on a daily basis since June 24, 2011. To date, LPH has been observed in eight of the temporary piezometers (i.e., B-1, B-6, B-8, B-9, B-10, B-13, B-15, and B-22). Results of the daily gauging events have been presented to the MDE under separate cover.

3.3 Potable Well Water Sampling Methodology

On June 14, 2011 AEC collected offsite potable well samples from the properties located at 487, 493, 505, and 513 Mechanic Valley Road. Based on the sample results, carbon point of entry treatment (POET) systems were installed at the 505 and 513 Mechanics Valley Road properties on Tuesday, July 5, 2011. These systems consist of a sediment pre-filter, three coconut shell carbon filters, and associated plumbing materials to make the systems operational. The 487, 493, 505, and 513 Mechanics Valley Road properties were retested on July 12, 2011.

The MDE also required the collection of additional off-site potable well samples from 463, 475 Mechanics Valley Road, and 10 Montgomery Drive. Potable well samples were collected from these properties on June 29, 2011. Locations of potable well samples are illustrated on Figure 2 in Appendix A.

The off-site potable well samples were analyzed for VOCs, including fuel oxygenates, via USEPA Method 524.2.

3.4 Sample Handling Procedures

The analytical laboratory provided pre-preserved sample containers, where appropriate. The selected soil samples were placed in laboratory grade, four-ounce wide mouth glass jars with Teflon-lined lids. The selected groundwater samples were placed in laboratory grade 40-milliliter glass vials with Teflon-lined septa which were pre-preserved with hydrochloric acid (VOCs and TPH GRO) or one-liter amber jars pre-preserved with hydrochloric acid (TPH DRO). No head-space was present in any of the VOC vials collected.

Sample labels were firmly attached to the container side, and the following information was legibly and indelibly written on the labels: Facility name, Sample identification, Sampling date and time, Preservatives added, and Sample collector's initials. Once collected, the sample containers were placed on ice in a cooler to await delivery to the laboratory.

After the samples were sealed and labeled, they were packaged for transport to Maryland Spectral Services, located in Baltimore, Maryland. The following packaging procedures were followed: Samples were packaged to prevent leakage or vaporization from the containers, samples were cushioned to avoid breakage; and, ice was added to the cooler to keep the samples cool.

4.0 INVESTIGATION ACTIVITY RESULTS

4.1 Soil Sample Analytical Data

The results of the soil sample laboratory analyses identified no detectible concentrations of benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tert-butyl ether (MTBE), TPH GRO, or TPH DRO in soil samples B-3-7', B-7-20', B-8-13', B-12-20', B-17-20', B-18-7', B-20-20', B-21-20', B-22-7', B-23-6', and B-24-14'.

BTEX, MTBE, TPH DRO and/or TPH GRO were present is soil samples B-2-7', B-4-12', B-5-8', B-9-7', B-10-6', B-11-12', B-12-10', B-14-7', B-16-7', B-18-7', and B-19-8' at concentrations less than their respective MDE Non-Residential Cleanup Standards for Soil (i.e., Generic Numeric Cleanup Standards for Groundwater and Soil – Interim Final Guidance Update No. 2.1 – June, 2008).

BTEX, MTBE, TPH DRO and/or TPH GRO were present is soil samples B-1-9', B-6-8', B-10-13', and B-15-11' at concentrations greater than their respective MDE Non-Residential Cleanup Standards for Soil (i.e., Generic Numeric Cleanup Standards for Groundwater and Soil – Interim Final Guidance Update No. 2.1 – June, 2008).

The results of the soil sample laboratory analyses are summarized on the Soil Quality Map, included as Figure 7 in Appendix A, and in Table 3 included in Appendix C. Copies of the completed laboratory analytical reports and chain-of-custody documentation are provided in Appendix D.

4.2 Groundwater Sample Analytical Data

The results of the groundwater sample laboratory analyses identified varying concentrations of BTEX, MTBE, naphthalene, TPH GRO, and/or TPH DRO greater than their respective MDE Cleanup Standards for Type I and Type II Aquifers in all of the groundwater samples collected from the temporary piezometers.

Groundwater samples were not collected from B-3, B-19, B-21, and B-24 because they were dry at the time the groundwater sampling activities were performed. No samples were collected from B-6, B-10, B-13, and B-22 based on the presence of LPH.

The results of the groundwater sample laboratory analyses are summarized on the Groundwater Quality Map included as Figure 8 in Appendix A and in Table 4 included in Appendix C. Copies of the completed laboratory analytical reports and chain-of-custody form are provided in Appendix D.

4.3 Potable Well Water Sample Analytical Data

The results of the June 14, 2011 offsite potable well sample laboratory analyses identified no detectible concentrations of VOCs were detected in the sample collected

from 487 Mechanic Valley Road. No detectible concentrations of VOCs with the exception of MTBE were detected in samples collected from 493 (3.43 micrograms per liter (µg/L)), 505 (89.8 µg/L), and 513 Mechanic Valley Road (82.2 µg/L). Based on the sample results, carbon POET systems were installed at the 505 and 513 Mechanics Valley Road properties on Tuesday, July 5, 2011. Subsequent sampling of these potable wells on July 12, 2011 indicated effluent samples with no detectable VOCs concentrations.

Follow up samples were also collected from the 487 and 493 Mechanic Valley Road properties on July 12, 2011. No detectible concentrations of VOCs with the exception of MTBE were detected in the sample collected from the 493 Mechanic Valley Road property (3.8 µg/L). BTEX (11.2 µg/L) and MTBE (4.1 µg/L) were detected in the follow up sample collected from the 487 Mechanic Valley Road property. None of the BTEX or MTBE concentrations detected during the July 12, 2011 sampling event was greater than their respective MDE Cleanup Standards for Type I and Type II Aquifers.

The results of the June 29, 2011 offsite potable well sample laboratory analyses identified no detectible concentrations of VOCs with the exception of MTBE in samples collected from 463 (0.71 µg/L) and 475 Mechanic Valley Road (1.7 µg/L). None of the MTBE concentrations detected in samples collected during the June 29, 2011 sampling event was greater than the MDE Cleanup Standards for Type I and Type II Aquifers. No VOCs were detected in the sample collected from 10 Montgomery Drive.

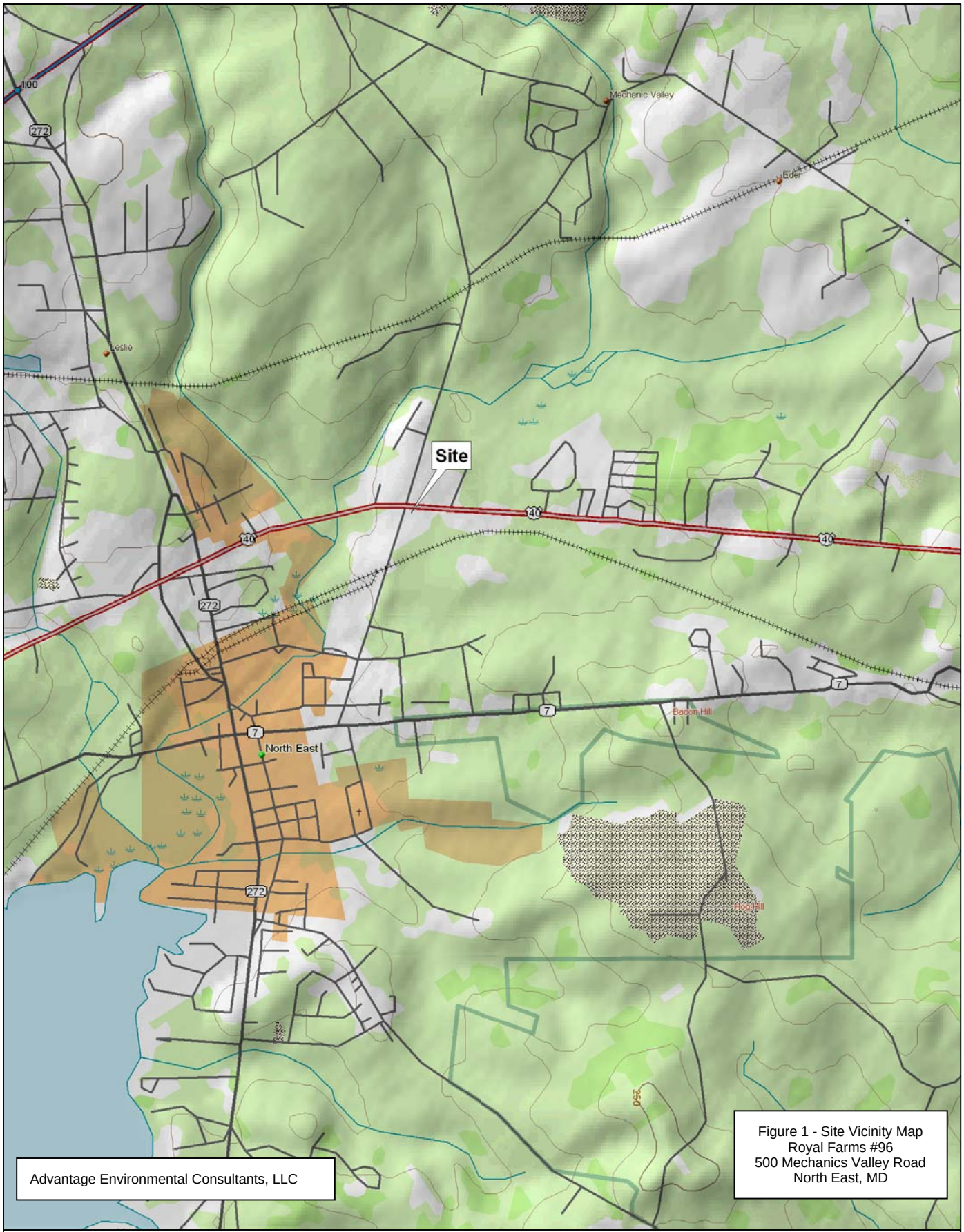
The results of the off-site potable water sample laboratory analyses are summarized in Table 5 included in Appendix C. Copies of the completed laboratory analytical reports and chain-of-custody documentation are provided in Appendix D.

5.0 CONCLUSIONS

The known lateral extent of LPH at the Site extends to at least 10 feet north, 20 feet east, 90 feet south (including areas under the dispenser canopy) and 60 feet west of MW-3. Based on these findings the extent of LPH has been substantially delineated in all directions. In addition, concentrations of both dissolved and adsorbed phase petroleum constituents indicative of LPH were detected in the groundwater and soil samples from B-1, B-5, B-9, B-14 and B-23. The indicator borings may marginally expand the LPH foot print in the northern and southern directions.

Depth to groundwater at the Site in the vicinity of most of the subsurface utilities is approximately 11 to 13 feet bgs. Depth to groundwater in B-23 near the sanitary sewer service is approximately 6 to 7 feet bgs. The sanitary sewer service invert is approximately 5 to 6 feet bgs. The shallower water table in this area may be related to either lithology creating a perched condition or leakage from the sewer line. Based on this data utility trenches on the Site are not expected to be affected by the petroleum impact.

APPENDIX A
FIGURES



Advantage Environmental Consultants, LLC

Figure 1 - Site Vicinity Map
Royal Farms #96
500 Mechanics Valley Road
North East, MD

DeLORME

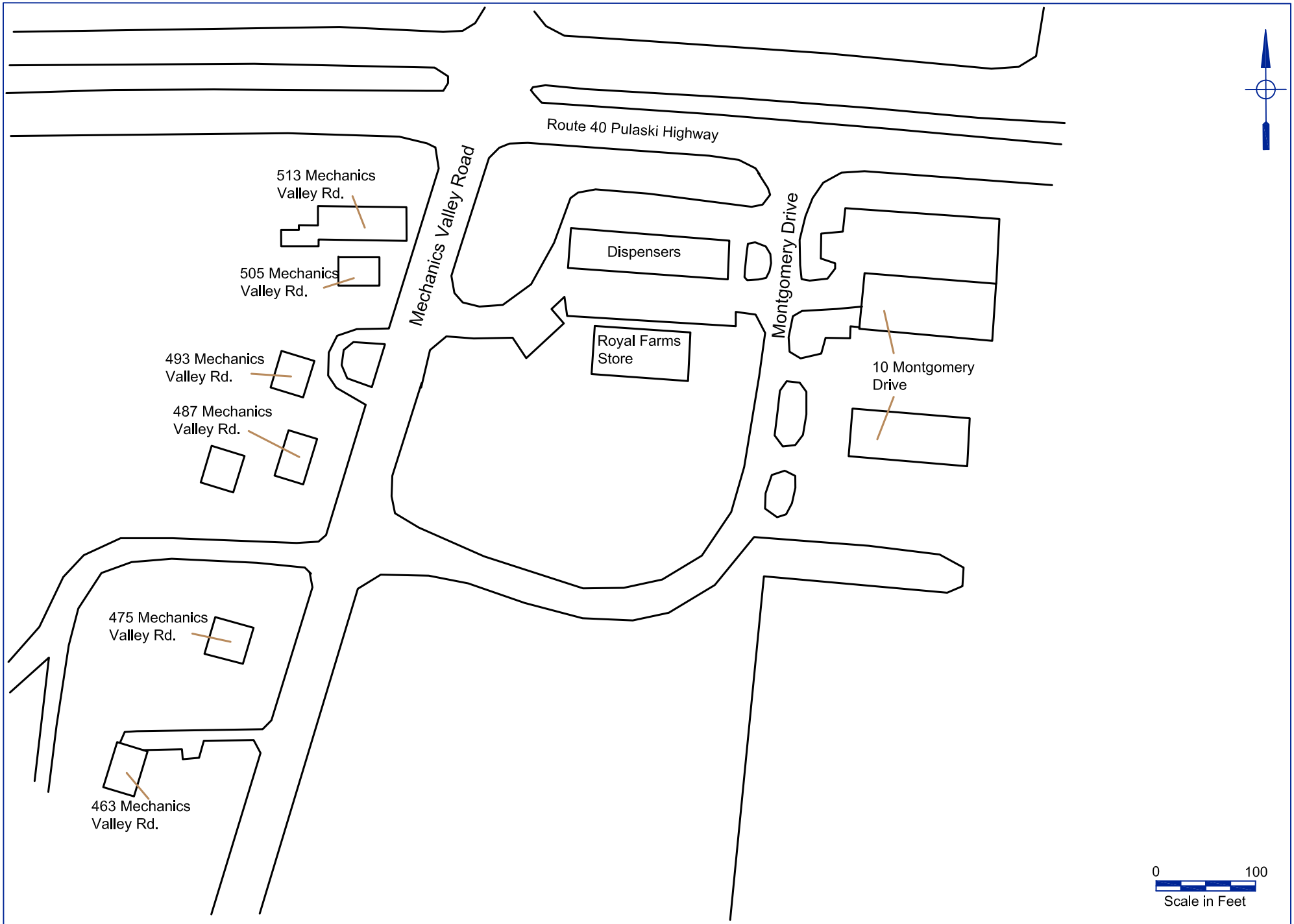
Zoom Level: 12-7 Datum: WGS84

Scale 1 : 28,125

1" = 2,343.75 ft

0 ¼ ½ ¾ 1 mi
0 ½ 1 1½ 2 km

TN
MN
11.7°W



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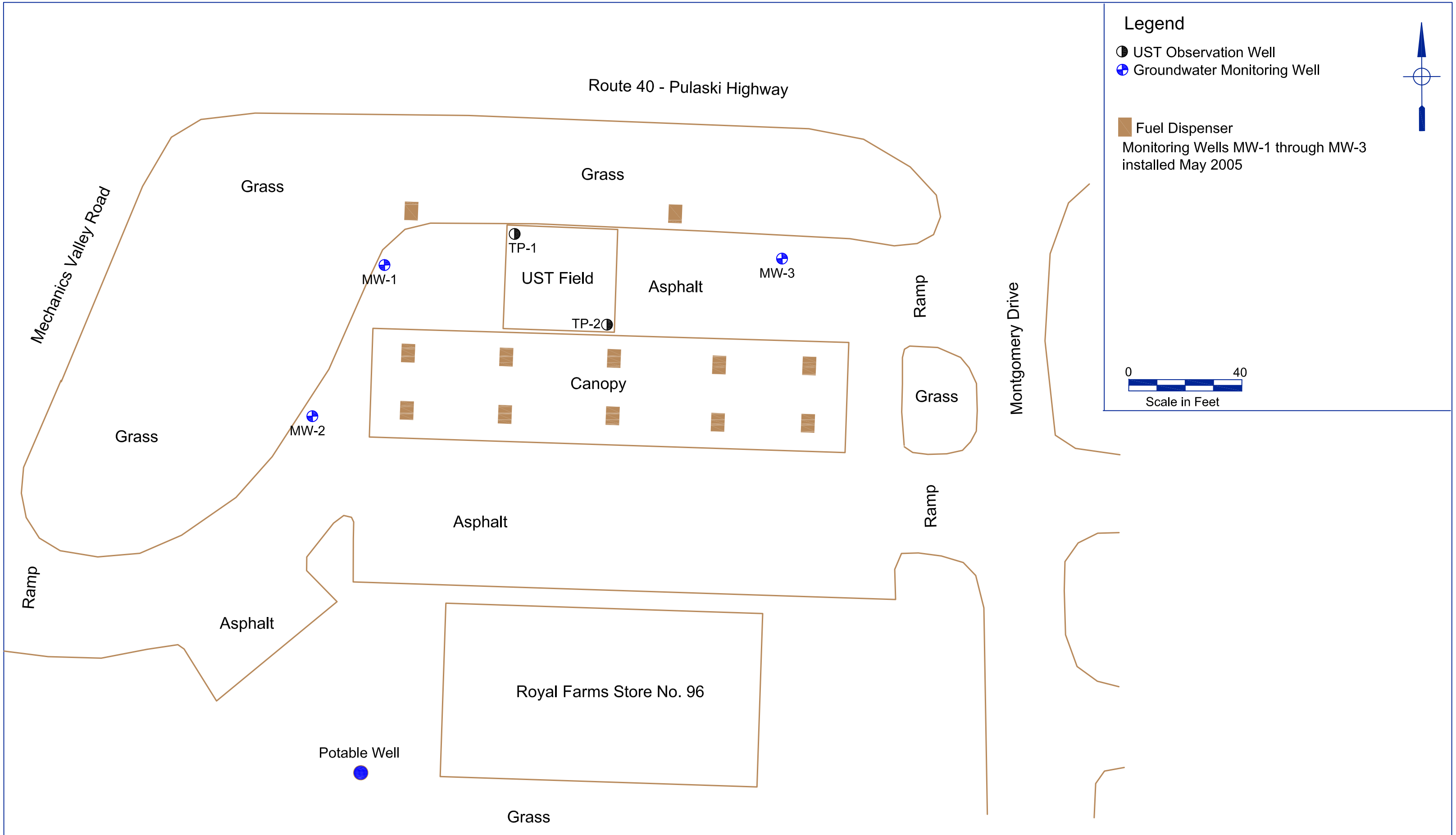
Project No.: 05-056	Drawn by: JSS
Task No.: RF96	Date:7-14-11
File: Site Area	Revision No.: 1

Figure 2 - Site Area Map
Royal Farms No. 96
500 Mechanics Valley Road
North East, MD



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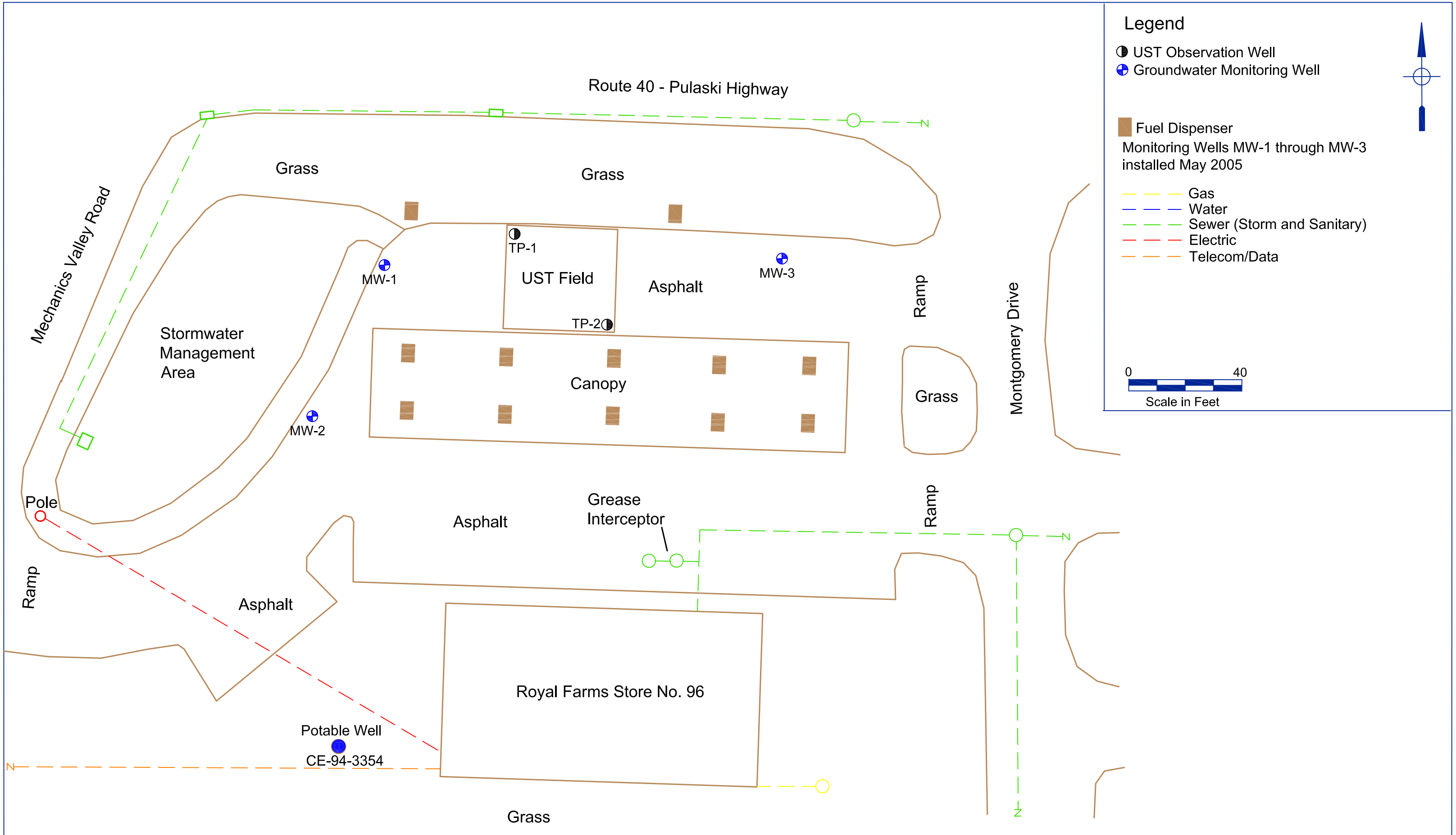
Task No.: RF96	Date: 6-22-11
File: Site Features	Revision No.: 1

Figure 3 - Site Features Map
Royal Farms No. 96
500 Mechanics Valley Road
North East, MD



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Task No.: RF96	Date: 6-22-11
File: Site Features	Revision No.: 1

Figure 4 - Site Utilities Map
Royal Farms No. 96
500 Mechanics Valley Road
North East, MD

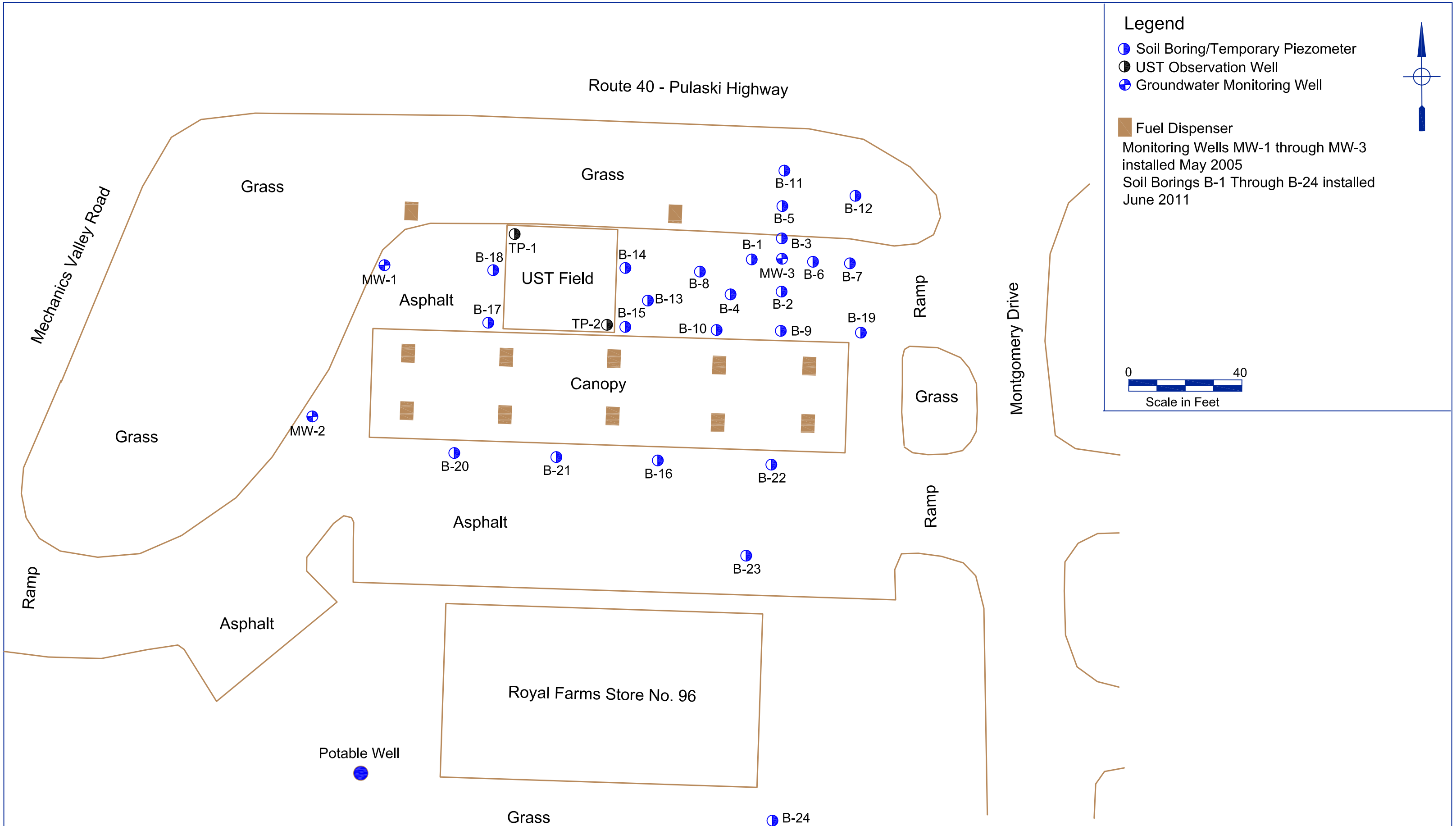

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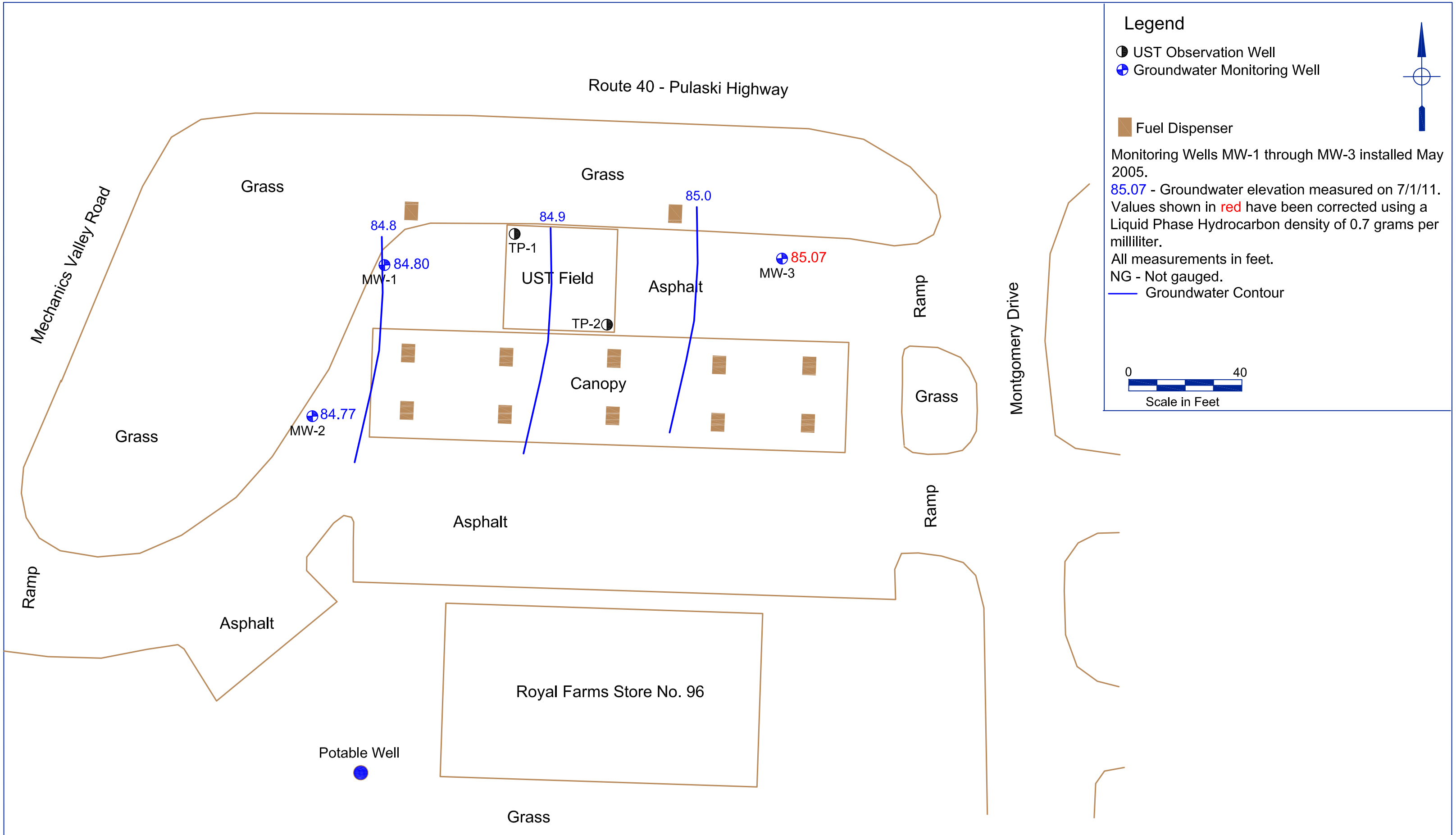
Figure 5 - Boring/Temporary Piezometer Location Map
Royal Farms No. 96
500 Mechanics Valley Road
North East, MD



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Task No.: RF96	Date: 7-7-11
File: GW Grad	Revision No.: 1

Figure 6 - Groundwater Gradient Map
Royal Farms No. 96
500 Mechanics Valley Road
North East, MD

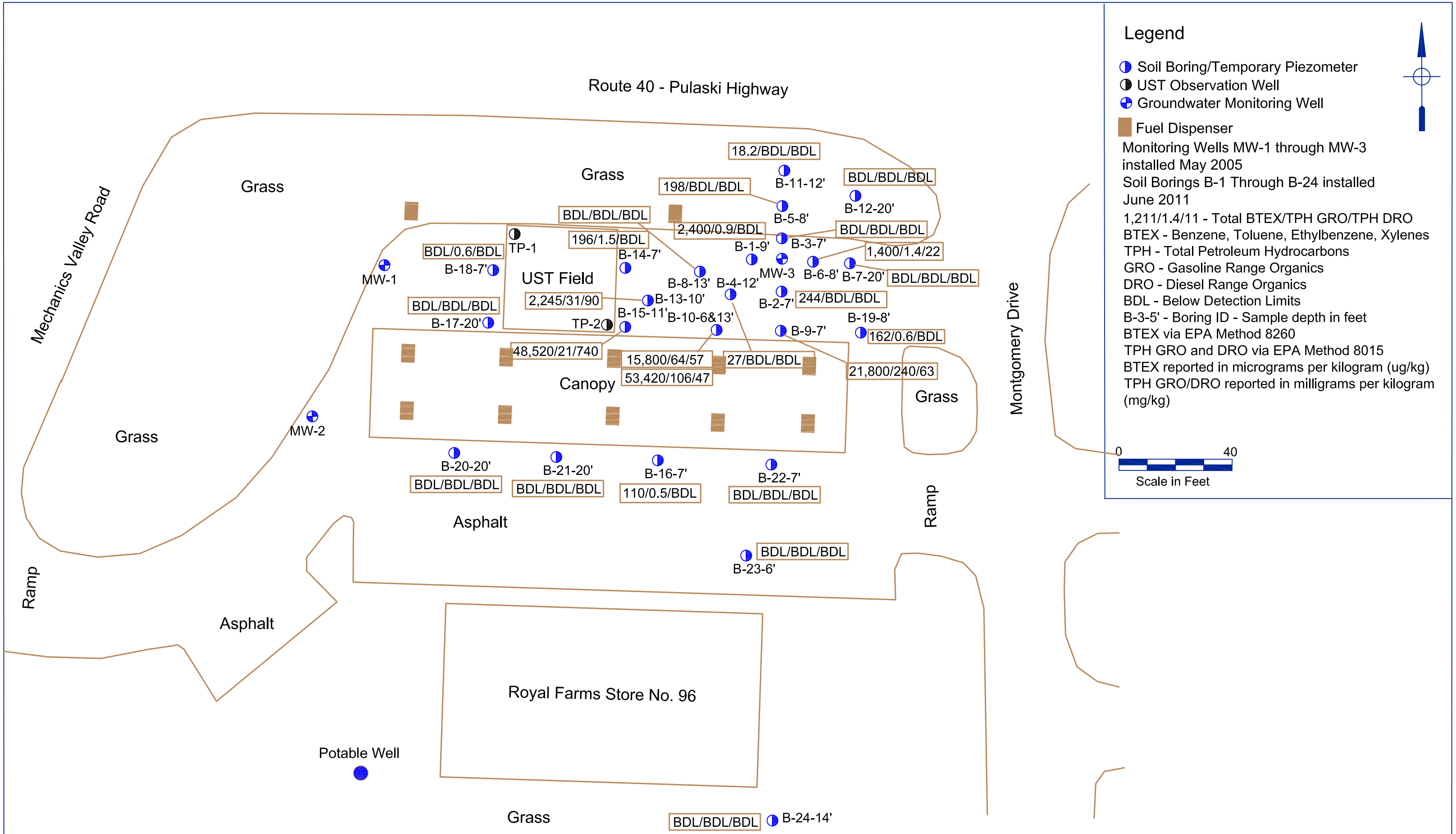

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Figure 7 - Soil Quality Map
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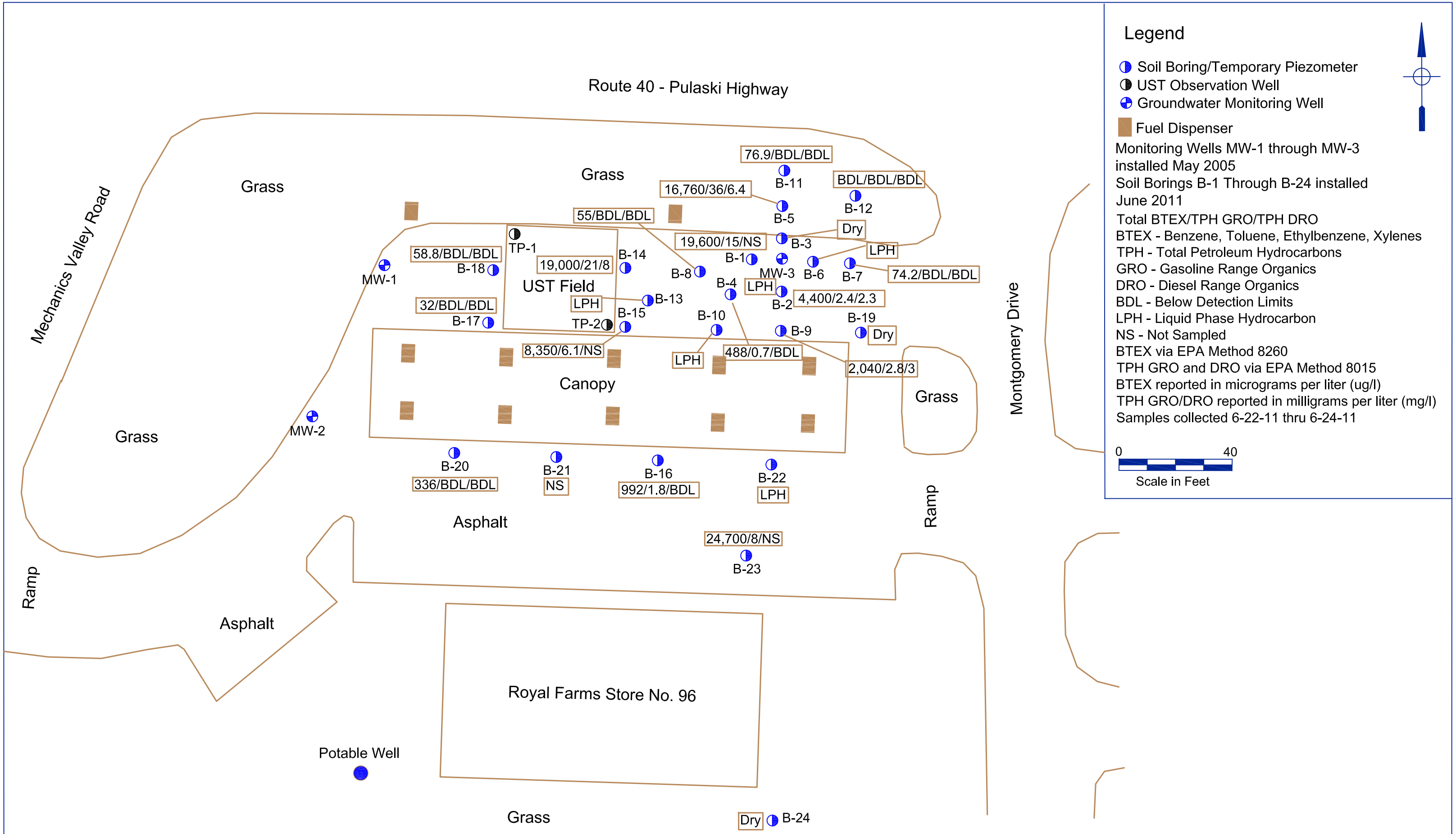
500 Mechanics Valley Road
North East, MD



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File:	Revision No.: 1

Figure 8 - Groundwater Quality Map
Royal Farms No. 96
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North East, MD

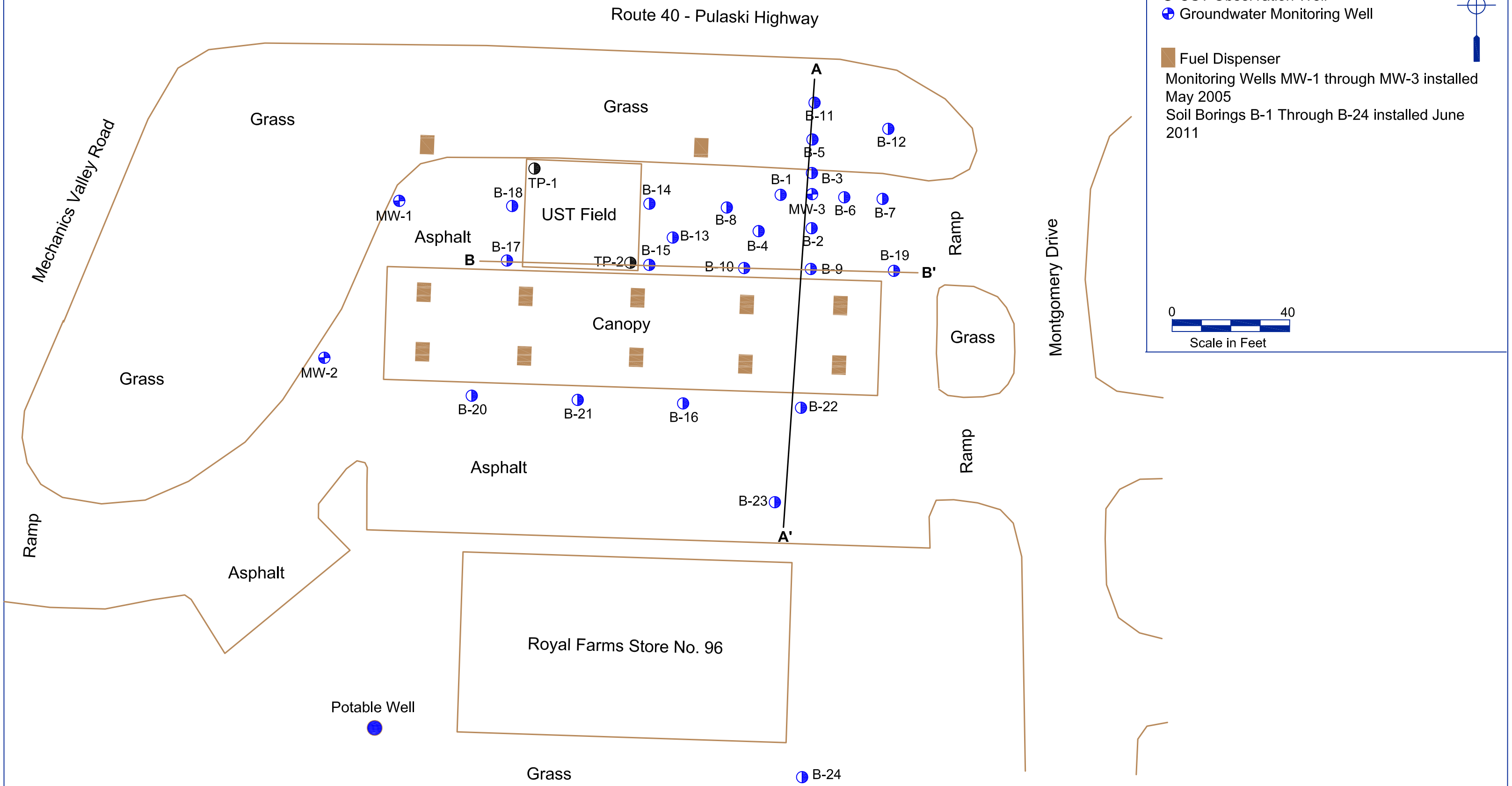

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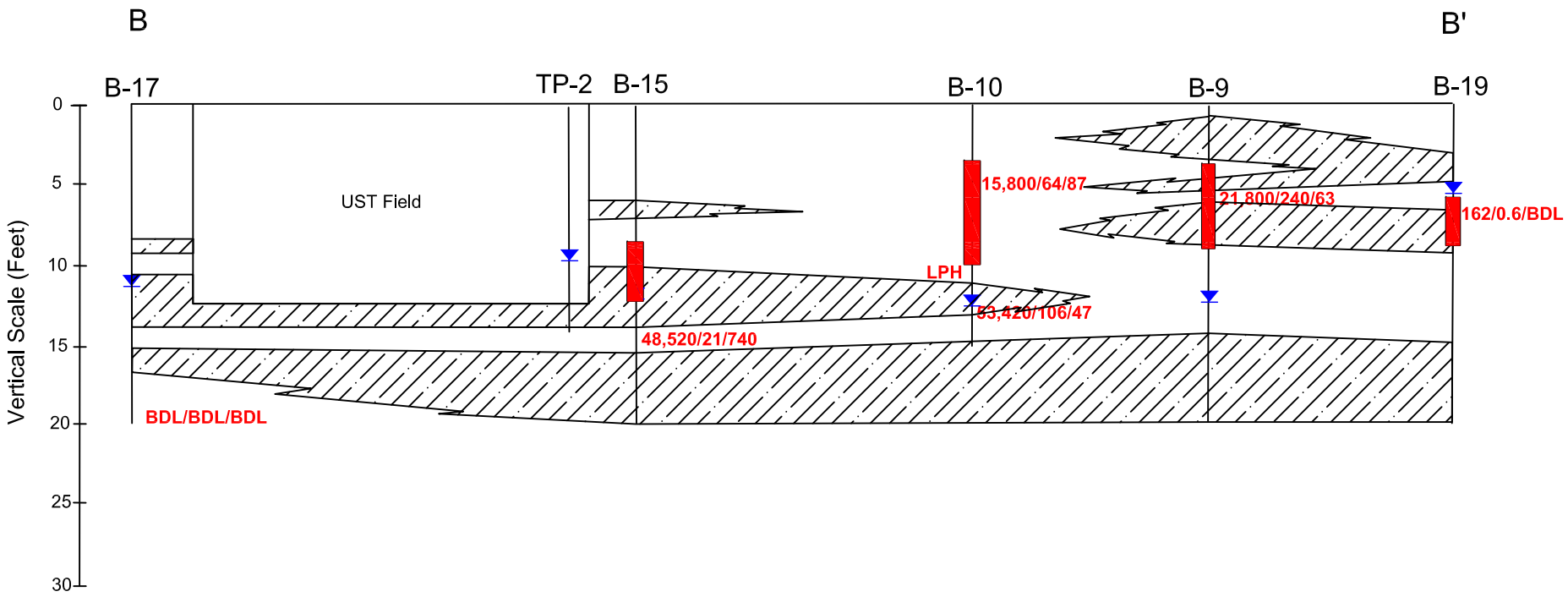
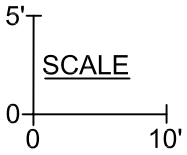
Figure 9 - Trace of Lithologic Cross Sections
Royal Farms No. 96
500 Mechanics Valley Road
North East, MD





Legend

predominately coarse grained material (sand/gravel)

predominately fine grained material (silt/clay)

B=Boring/Temporary Piezometer

TP=Tank Pit Observation Well

Water Level 6-29-2011

Zone of PID readings above 100 parts per million (ppm)

Soil Samples Collected 6-16-11 through 6-21-11

2340/1.2/30 = Total BTEX/TPH GRO/TPH DRO concentration.

Total BTEX in micrograms per kilogram (ug/kg)

TPH GRO and DRO in milligrams per kilogram (mg/kg)

Samples Analyzed by EPA Method 8260 (BTEX) and 8015 (TPH)

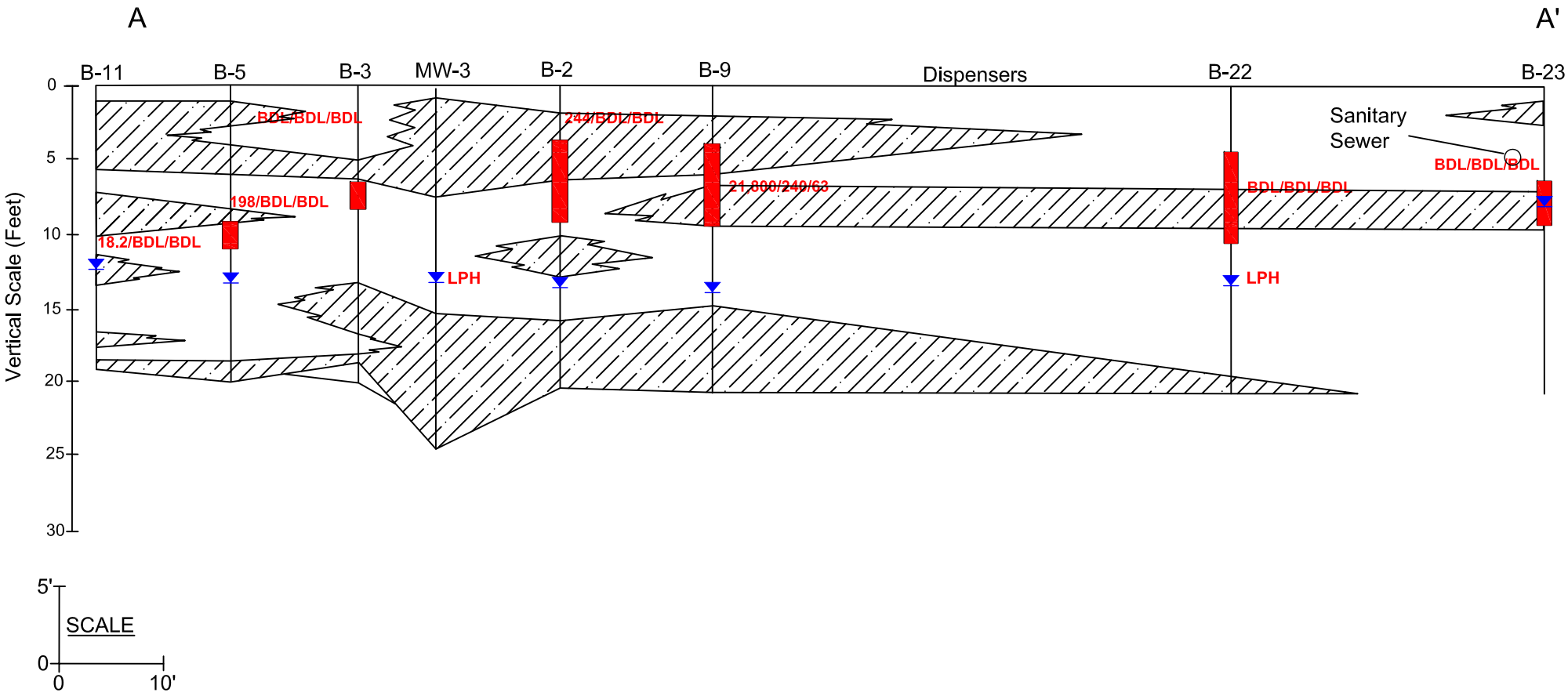
BDL = Below Detection Limits

LPH = Liquid Phase Hydrocarbon

Advantage Environmental Consultants, LLC
8610 Washington Boulavard, Suite 217
Jessup, Maryland 20794
301-776-0500

Drawn by: JSS	Checked by: JSS
Date: 6-29-11	Revision: First

Figure 10 - Lithologic Cross Section A-A'
Royal Farms No. 96
500 Mechanics Valley Road
North East, Maryland



Legend

predominately coarse grained material (sand/gravel)

predominately fine grained material (silt/clay)

B=Boring/Temporary Piezometer

MW=Monitoring Well

Water Level 6-29-2011

Zone of PID readings above 100 parts per million (ppm)

Soil Samples Collected 6-16-11 through 6-21-11

2340/1.2/30 = Total BTEX/TPH GRO/TPH DRO concentration.

Total BTEX in micrograms per kilogram (ug/kg)

TPH GRO and DRO in milligrams per kilogram (mg/kg)

Samples Analyzed by EPA Method 8260 (BTEX) and 8015 (TPH)

BDL = Below Detection Limits

LPH = Liquid Phase Hydrocarbon

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Jessup, Maryland 20794
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Drawn by: JSS	Checked by: JSS
Date: 6-29-11	Revision: First

Figure 11 - Lithologic Cross Section B-B'
Royal Farms No. 96
500 Mechanics Valley Road
North East, Maryland

APPENDIX B
BORING LOGS / PIEZOMETER INSTALLATION REPORTS

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-1	Permit Number:	Permit Date:
Date Work Began: 6/16/11	Date Work Ended: 6/16/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1	Asphalt/gravel FILL	2.2 @ 1’		
1	3	Gray/brown clayey SAND, med. stiffness	7.1 @ 2’		
3	5	Tan silty SAND w/ clay, med. stiffness, moist	5.7 @ 3’		
5	9	Gray CLAY, med. stiffness, staining from 6-9’	16.4 @ 4’		9’
9	13.5	Gray/tan sandy CLAY w/ some silt at 12’, med. stiffness,	15.6 @ 5’	Strong 8-12	
		Moist, slight staining from 9-12’	1.5 @ 6’		
13.5	15	Gray/tan/red clayey SAND w/ gravel	135 @ 7’	Slight	
15	16	Gray sandy CLAY, wet, med. stiffness	1509 @ 8’	Slight	
16	18.5	Tan/brown clayey SAND w/ some gravel, wet	2065 @ 9’		
18.5	19.5	Gray sandy CLAY, wet	1985 @ 10’		
19.5	20	Reddish brown clayey SAND w/ gravel at 20’	430 @ 11’		
		Boring terminated at 20’ bgs	65.9 @ 12’		
		Temporary piezometer set at 17.5’ w/ 15’ of screen and	13 @ 13’		
		2.5’ riser	16.9 @ 14’		
			9.1 @ 15’		
			19.2 @16’		
			11.3 @ 17’		
			3.8 @ 18’		
			2.6 @ 19’		
			5.5 @ 20’		

Water Level of Completed Well	
First water (ft. bgs): 12.85	Date/Time Measured: 6/16/11 1010
Static Water (ft. bgs): 12.66	Date/Time Measured: 6/16/11 1230

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-2	Permit Number:	Permit Date:
Date Work Began: 6/16/11	Date Work Ended: 6/16/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt/gravel FILL	11.5 @ 1’		
1.5	5	Light brown/gray clayey SAND	2.8 @ 2’		
5	7.5	Tan/gray silty SAND w/ clay, moist 6-7’, staining 7-8’	67.4 @ 3’	Strong @ 6	7’
7.5	8	Gray/tan tight CLAY	102 @ 4’	Strong	
8	9.5	CLAY, loose	9.1@ 5’		
9.5	11	Purple/gray CLAY, very tight w/ some staining	177 @ 6’	Slight	
11	14.5	Gray/beige clayey coarse SAND, wet at 12’	2095 @ 7’	Slight	
14.5	17	Gray silty CLAY, soft	231 @ 8’	Slight	
17	19	Tan/gray/red clayey SAND w/ med. gravel at18.5’	184 @ 9’		
19	20	Gray clayey SAND, fine	37 @ 10’		
			82.9 @ 11’		
		Boring terminated at 20’ bgs	92.0 @ 12’		
		Temporary piezometer set at 19.7’ w/ 15’ of screen and	29.5 @ 13’		
		5’ riser	93.6 @ 14’		
			0.0 @ 15’		
			0.5 @16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs): Dry	Date/Time Measured: 6/16/11 1100
Static Water (ft. bgs): 14.17	Date/Time Measured: 6/16/11 1230

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-3	Permit Number:	Permit Date:
Date Work Began: 6/16/11	Date Work Ended: 6/16/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log					
Drilling Method: Direct Push	Drilling Fluid: NA				
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo				
Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt/gravel FILL	2.9 @ 1’		
1.5	3.5	Brown sandy CLAY, med. stiffness	0.7 @ 2’		
3.5	5.5	Gray sandy CLAY	0.0 @ 3’		
5.5	6.5	Beige sandy CLAY, loose, moist w/ gravel @ 6.5’	0.6 @ 4’	Slight	
6.5	9	Beige/gray SAND w/ some CLAY	7.8 @ 5’	Strong	7’
9	12	Purplish grey CLAY w/ some sand, very stiff	157 @ 6’		
12	14	Gray/tan fine sandy CLAY w/ discolored gravel	215 @ 7’		
14	16	Gray/tan clayey SAND, loose, moist	90.3 @ 8’		
16	18	Gray/tan clayey SAND w/ gravel, wet	35.3 @ 9’		
18	19	Gray sandy CLAY w/ some gravel at 19’, wet	1.3 @ 10’		
19	19.5	Beige clayey SAND w/ some gravel, moist	0.2 @ 11’		
19.5	20	Tan/red/gray sandy CLAY w/ gravel at 20’	27.6 @ 12’		
			4.6 @ 13’		
			0.0 @ 14’		
		Boring terminated at 20’ bgs	0.0 @ 15’		
		Temporary piezometer set at 16.5’ w/ 15’ of screen	0.0 @16’		
			0.0 @ 17’		
			0.0 @ 18’		
			1.4 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs): ~9’	Date/Time Measured: 6/16/11 1240
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-4	Permit Number:	Permit Date:
Date Work Began: 6/16/11	Date Work Ended: 6/16/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt/gravel FILL	2.0 @ 1’		
1.5	4	Gray/beige silty SAND w/ some clay	96.7@ 2’		
4	5	Beige SAND, med. grain	30.3 @ 3’		
5	10	Gray/purple LAY, very stiff w/ gravel at 9.5’ and sand/silt	28.3 @ 4’	Strong 7-8	
		Component from 8-10’	16.4 @ 5’	Slight 8-10	7’
10	12	Reddish gray clayey SAND, coarse, moist	6.9 @ 6’	Strong	
12	15.5	Gray sandy CLAY w/ some silt, loose	39.6 @ 7’	Slight	
15.5	16	Gray/tan sandy CLAY, moist	31.6 @ 8’	Slight	
16	20	No Recovery	260 @ 9’		
		Boring terminated at 20’ bgs	477 @ 10’		
		Temporary piezometer set at 19.6’ w/ 15’ of screen	773 @ 11’		
			3171 @ 12’		
			23.5 @ 13’		
			6.6 @ 14’		
			9.6 @ 15’		
			2.2 @16’		

Water Level of Completed Well	
First water (ft. bgs): 12.86	Date/Time Measured: 6/16/11 1410
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-5	Permit Number:	Permit Date:
Date Work Began: 6/17/11	Date Work Ended: 6/17/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log

Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1	Grass and top soil	0.0 @ 1’		
1	1.5	Brown silty SAND, loose	0.0 @ 2’		
1.5	4	Light brown clayey SAND, loose	0.0 @ 3’		
4	5	Gray sandy CLAY, med. stiffness	0.0 @ 4’		
5	7	Light brown SAND, w/ gravel at 6.5’, loose	0.0 @ 5’		
7	9.5	Light brown sandy CLAY, med. stiffness	0.0 @ 6’	Slight	
9.5	10	Light brown SAND	0.0 @ 7’		
10	10.5	Light brown sandy CLAY	12.4 @ 8’		
10.5	12	Gray CLAY, stiff	1.8 @ 9’	Strong	12’
12	16.5	Gray/light brown sandy CLAY, loose, black at 15.5’	264 @ 10’		
16.5	17	Gray CLAY, stiff	18.8 @ 11’		
19.5	20	Light brown/gray clayey SAND, loose w/ gravel 19.5-20’	52.6 @ 12’		
			32.5 @ 13’		
			0.0 @ 14’		
		Boring terminated at 20’ bgs	0.0 @ 15’		
		Temporary piezometer set at 20’ w/ 15’ of screen	0.0 @16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			2.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-6	Permit Number:	Permit Date:
Date Work Began: 6/17/11	Date Work Ended: 6/17/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1	Asphalt and gravel FILL	13.7 @ 1’		
1	2	Brown silty CLAY, stiff	0.8 @ 2’		
2	5	Brown sandy CLAY, loose	0.0 @ 3’	Slight	
5	7	Brown/gray sandy CLAY, med. stiffness	1.2 @ 4’	Slight	
7	8	Brown/gray sandy CLAY, stiff	5.9 @ 5’	Strong	
8	8.5	Brown/gray sandy CLAY, stiff	121 @ 6’		8’
8.5	9.5	Brown CLAY, stiff w/ staining	218 @ 7’		
9.5	11	Brown sandy CLAY, loose	1462 @ 8’		
11	12	Gray CLAY, stiff w/ staining	17.4 @ 9’		
13	14	Gray SAND, med. stiffness	23.8 @ 10’	Slight	
14	17	Light brown/gray clayey SAND, loose	0.3 @ 11’	Moderate	
17	18	Gray CLAY, med. stiffness	10.0 @ 12’		
18	19.5	Brown SAND, loose	13.9 @ 13’		
19.5	20	Grey CLAY, stiff	6.8 @ 14’		
		Boring terminated at 20’ bgs	1.8@ 15’		
		Temporary piezometer set at 20’ w/ 15’ of screen	0.0 @16’		
			63.9 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-7	Permit Number:	Permit Date:
Date Work Began: 6/17/11	Date Work Ended: 6/17/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	4	No recovery	0.0 @ 1’		
4	5	Brown CLAY, med. stiffness w/ staining at 4.25’	0.0 @ 2’		
5	5.5	Brown/gray CLAY, stiff	0.0 @ 3’		
5.5	7	Brown clayey SAND, moist	0.0 @ 4’		
7	7.5	Gray CLAY, stiff	0.0 @ 5’		
7.5	8	Gray SAND, moist	0.0 @ 6’		
8	8.5	Gray clayey SAND, moist, loose	0.0 @ 7’		
8.5	9	Brown SAND, wet	0.0 @ 8’		
9	11	Light brown CLAY, stiff	0.0 @ 9’		
11	12	Gray sandy CLAY, med. stiffness	0.0 @ 10’		
12	13	Light brown clayey SAND, soft	0.0 @ 11’		
13	14	Gray clayey SAND, moist, med. stiffness, staining at 14.5’	0.0 @ 12’		
14	15	Orangish brown clayey SAND, moist, soft	0.0 @ 13’		
15	16.5	Gray/brown CLAY, soft, moist	0.0 @ 14’		
16.5	17.5	Gray CLAY w/ brown streaks, stiff	0.0 @ 15’		
17.5	19	Light brown sandy CLAY	0.0 @ 16’		
19	20	Red sandy CLAY w/ gravel, moist, loose	0.0 @ 17’		20’
		Boring terminated at 20’ bgs	0.0 @ 18’		
		Temporary piezometer set at 20’ w/ 15’ of screen	0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-8	Permit Number:	Permit Date:
Date Work Began: 6/17/11	Date Work Ended: 6/17/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1	Asphalt and gravel FILL	3.5 @ 1’		
1	2.5	Brown clayey SAND, soft	20.0 @ 2’		
2.5	3	Gray sandy CLAY	28.8 @ 3’		
3	4	Orangish red clayey SAND w/ gravel at 3-3.5’	23.6 @ 4’		
4	5.75	Gray CLAYw/ brown streaking	1.3 @ 5’		
5.75	6.5	No recovery	4.1 @ 6’		
6.5	7	Brown clayey SAND	0.9 @ 7’		
7	10	Gray CLAY, stiff w/ staining at 8’	2.3 @ 8’		
10	11	Gray sandy CLAY, loose, moist	5.1 @ 9’		
11	13	Gray sandy CLAY, loose, moist	23.8 @ 10’		
13	13.5	Gray CLAY, moist, medium stiffness	12.2 @ 11’		
13.5	17.5	Gray/brown SAND, wet at 15’, loose	6.3 @ 12’		
17.5	18.5	Red gravelly SAND	30.8 @ 13’		
18.5	19.5	Gray CLAY, wet, soft	18.4 @ 14’		
19.5	20	Red sandy CLAY w/ gravel, moist	11.4 @ 15’		20’
		Boring terminated at 20’ bgs	0.3 @ 16’		
		Temporary piezometer set at 18’ w/ 15’ of screen	0.0 @ 17’		
			11.1@ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
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OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-9	Permit Number:	Permit Date:
Date Work Began: 6/17/11	Date Work Ended: 6/17/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt and gravel FILL	0.0 @ 1’		
1	3	Light brown clayey SAND	60.6 @ 2’	Moderate	
3	4	Gray sandy CLAY, moist	87.8 @ 3’	Strong	
4	5	Brown sandy CLAY, med. stiffness	177 @ 4’		
5	5.5	Grey SAND, moist	2173 @ 5’	Strong	
5.5	6	Brown CLAY, stiff	2622 @ 6’	Strong	
6	7	Tan SAND	NR @ 7’	Strong	7’
7	8	No Recovery	NR @ 8’		
8	9.5	Gray CLAY, stiff w/ streaking at 9’	103 @ 9’	Moderate	
9.5	13.5	Red CLAY, stiff	37.1 @ 10’		
13.5	14.5	Gray CLAY, stiff	0.8 @ 11’	Moderate	
14.5	15.5	Gray sandy CLAY, med. stiffness	2.9 @ 12’		
15.5	16	Gray clayey SAND, wet	3.1 @ 13’		
16	17.5	No Recovery	11.0 @ 14’		
17.5	18	Red sandy CLAY w/ gravel, moist	2.1 @ 15’		
18	18.5	Gray sandy CLAY, wet, med. stiffness	NR @ 16’		
18.5	20	Gray/brown clayey SAND, wet w/ gavel at 19.5’	7.9 @ 17’		
		Boring terminated at 20’ bgs	13.0 @ 18’		
		Temporary piezometer set at 20’ w/ 15’ of screen	3.9 @ 19’		
			3.4 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

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Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-10	Permit Number:	Permit Date:
Date Work Began: 6/17/11	Date Work Ended: 6/17/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	2.5	No Recovery	NR @ 1’		
2.5	3	Brown silty CLAY, loose	NR @ 2’	Slight	
3	4.5	Gray /brownsandy CLAY, med. stiffness	31.6 @ 3’	Slight	
4.5	5.5	Brown sandy CLAY, med. stiffness w/ staining at 4.5’	41.1 @ 4’	Moderate	
5.5	6.5	Tan sandy CLAY, moist	481 @ 5’		6’
6.5	8	Brown sandy CLAY, med. stiffness	2132 @ 6’	Strong	
8	8.5	No Recovery	1436 @ 7’		
8.5	9.5	Dark brown CLAY, stiff	NR @ 8’		
9.5	11.5	Tan CLAY w/ streaking at 10’	36.5 @ 9’		
11.5	13.5	Clayey SAND, loose w/ staining at 13.5’	163 @ 10’	Strong	13’
13.5	15	Gray CLAY, stiff w/ some streaking	88.3 @ 11’		
15	16	Gray clayey SAND, wet	NR @ 12’		
		Boring terminated at 16’ bgs	2217 @ 13’		
		Temporary piezometer set at 16’ w/ 10’ of screen	47.6 @ 14’		
			5.8 @ 15’		
			2.2 @ 16’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
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CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-11	Permit Number:	Permit Date:
Date Work Began: 6/20/11	Date Work Ended: 6/20/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	2	Loose gravelly top soil	0.0 @ 1’		
2	4.5	Orangish brown clayey SAND, med. stiffness w/ gravel	0.0 @ 2’		
4.5	5.5	Orangish brown clayey SAND, loose	0.0 @ 3’		
5.5	6.5	Orangish brown clayey SAND, med. stiffness	0.0 @ 4’		
6.5	8	Brown/gray CLAY, loose, moist	0.0 @ 5’		
8	9.5	Tan Sand, wet at 9.5’	0.0 @ 6’		
9.5	10.5	Orange SAND, loose, moist	0.0 @ 7’		
10.5	12.5	Orangish gray CLAY, stiff	0.0 @ 8’		
12.5	14.5	Orange/tan clayey SAND, moist, loose, wet at 14’	0.0 @ 9’		
14.5	16.5	Brown/gray CLAY, loose, wet	0.0 @ 10’		
16.5	17	Gray sandy CLAY, wet, med. stiffness	0.0 @ 11’		
17	18	Tan clayey SAND, wet, loose	0.2 @ 12’		
18	19	Tan sandy CLAY, stiff, moist	0.0 @ 13’		
19	20	Brown/red SAND, coarse, wet	0.0 @ 14’		
		Boring terminated at 20’ bgs	0.0 @ 15’		
		Temporary piezometer set at 18’ w/ 15’ of screen	0.0 @ 16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
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Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-12	Permit Number:	Permit Date:
Date Work Began: 6/20/11	Date Work Ended: 6/20/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log

Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Brown SILT, loose	0.0 @ 1’		
1.5	3	Gray/brown clayey SAND, loose	0.0 @ 2’		
3	6	Brown sandy CLAY w/ gravel, med stiffness	0.0 @ 3’		
6	6.5	Gray sandy CLAY, loose, moist at 6.5’	0.0 @ 4’		
6.5	7.5	Gray/brown sandy CLAY, stiff	0.0 @ 5’		
7.5	8.5	Tan SAND, loose, wet at 8.5’	0.0 @ 6’		
8.5	9	Gray sandy CLAY, wet, med. stiffness	0.0 @ 7’		
9	13.5	Gray sandy CLAY, stiff, moist w/ some gravel and streaks	0.0 @ 8’		
13.5	15.5	Gray/tan clayey SAND, loose, wet w/ staining at 14.5’	0.0 @ 9’		
15.5	17	Brown SAND, coarse, wet	0.0 @ 10’		
17	18.5	Gray CLAY, med. stiffness, wet	0.0 @ 11’		
18.5	19.5	Brown SAND, coarse, wet w/ gravel at 19.5’	0.0 @ 12’		
19.5	20	Gray sandy CLAY, soft, wet	0.0 @ 13’		20’
		Boring terminated at 20’ bgs	0.0 @ 14’		
		Temporary piezometer set at 18’ w/ 15’ of screen	0.0 @ 15’		
			0.0 @ 16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well

First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details

Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
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Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-13	Permit Number:	Permit Date:
Date Work Began: 6/20/11	Date Work Ended: 6/20/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log					
Drilling Method: Direct Push	Drilling Fluid: NA				
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo				
Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt and gravel FILL	6.8 @ 1’		
1.5	2	Brown SILT, med. stiffness	72.6 @ 2’		
2	4.5	Brown’gray sandy CLAY, med stiffness w/ gravel at 4’	14.7 @ 3’	Slight	
4.5	5	Coarse gravelly SAND	22.7 @ 4’		
5	6	Tan/gray sandy CLAY, med. stiffness, moist	422 @ 5’		
6	7.5	Brown sandy CLAY, med. stiffness, moist	158 @ 6’	Strong	
7.5	10.5	Tan sandy CLAY, stiff, moist	1391 @ 7’	Strong	10’
10.5	11	Gray/brown clayey SAND, loose	2095 @ 8’		
11	12	Brown sandy CLAY, med. stiffness, moist	193 @ 9’	Slight	
12	14	Gray clayey SAND, loose, wet at 12.5 feet	3037 @ 10’	Slight	
14	15	Brown SAND, coarse, loose	193 @ 11’		
15	16.5	Gray sandy CLAY, wet, med. stiffness	170 @ 12’		
16.5	18	Brown/gray sandy CLAY, loose w/ gravel 16.5-17’	2818 @ 13’	Slight	
18	20	Red sandy CLAY w/ some gravel, loose	465 @ 14’	Slight	
		Boring terminated at 20’ bgs	318 @ 15’		
		Temporary piezometer set at 17’ w/ 15’ of screen	153 @ 16’		
			83.7 @ 17’		
			14.3 @ 18’		
			26.0 @ 19’		
			23.3 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

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Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-14	Permit Number:	Permit Date:
Date Work Began: 6/20/11	Date Work Ended: 6/20/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt and gravel FILL	8.6 @ 1’		
1.5	2.5	Brown silty CLAY, med. stiffness	2.5 @ 2’		
2.5	3.5	Orangish brown clayey SAND, loose, moist	45.8 @ 3’		
3.5	4.5	Gray sandy CLAY, med. stiffness	10.3 @ 4’		
4.5	5.5	Gray sandy CLAY, stiff, wet w/ some gravel at 4.5’	12.9 @ 5’		
5.5	6.5	Brown sandy CLAY, stiff, moist	62.1 @ 6’	Moderate	
6.5	7	Brown sandy CLAY, loose	3223 @ 7’		
7	10	Gray CLAY, moist, stiff	2858 @ 8’	Strong	
10	11.5	Gray sandy CLAY, soft, wet	378 @ 9’	Strong	
11.5	13	Gray/tan sandy CLAY, soft, wet	234 @ 10’	Strong	
13	16	Tan/gray SAND, coarse, wet w/ gravel at 13.5’	28.3 @ 11’	Slight	
16	18	Gray sandy CLAY, wet, med. stiffness	31.2 @ 12’	Strong	
18	18.5	Tan sandy CLAY, coarse, loose, wet	153 @ 13’	Strong	
18.5	19	Gray sandy CLAY, med. stiffness, wet	49.8 @ 14’	Strong	
19	20	Brown gravelly SAND coarse, wet	31.0 @ 15’	Slight	
		Boring terminated at 20’ bgs	55.2 @ 16’		
		Temporary piezometer set at 17’ w/ 15’ of screen	21.1 @ 17’		
			5.9 @ 18’		
			4.9 @ 19’		
			4.4 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
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Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-15	Permit Number:	Permit Date:
Date Work Began: 6/20/11	Date Work Ended: 6/20/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log

Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	3	Asphalt and gravel FILL	0.0 @ 1’		
3	5.5	Brown sandy SILT, moist, loose	0.0 @ 2’		
5.5	6.5	Gray sandy CLAY, med. stiffness, wet	0.0 @ 3’		
6.5	6.75	Brown clayey SAND, wet	0.1 @ 4’		
6.75	7	Tan sandy CLAY, moist, stiff	0.0 @ 5’	Moderate	
7	8	No recovery	0.0 @ 6’		
8	9.5	Tan CLAY, moist, stiff w/ streaking at 9’	42.7 @ 7’		
9.5	10.5	Gray sandy CLAY, med. stiffness	31.0 @ 8’		
10.5	12.5	Gray clayey SAND, stiff, moist w/ streaking at 11.5’	1115 @ 9’	Strong	11’
12.5	14	Grey clayey SAND, moist w/ brown streaking	116 @ 10’		
14	15.5	Gray sandy CLAY, med. stiffness	2629 @ 11’	Moderate	
15.5	18	Gray clayey SAND loose, wet w/ gravel and streaking	2985 @ 12’	Moderate	
18	19	Gray SAND, coarse, wet	45.4 @ 13’	Slight	
19	19.5	Gray clayey SAND, wet	21.0 @ 14’	Moderate	
19.5	20	Orange gravelly SAND, wet	17.3 @ 15’		
		Boring terminated at 20’ bgs	73.3 @ 16’		
		Temporary piezometer set at 20’ w/ 15’ of screen	19.8 @ 17’		
			74.2 @ 18’		
			58.9 @ 19’		
			143 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-16	Permit Number:	Permit Date:
Date Work Began: 6/20/11	Date Work Ended: 6/20/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	2	Asphalt and gravel FILL	0.0 @ 1’		
2	3.5	Brown sandy SILT, med. stiffness	2.1@ 2’		
3.5	4	Gray sandy CLAY, med. stiffness	95.6 @ 3’		
4	4.5	Gray/brown sandy CLAY, loose	62.0 @ 4’	Slight	
4.5	5	Brown sandy CLAY, moist, med. stiffness	33.1 @ 5’		
5	5.5	Orangish brown SAND, coarse, moist	73.4 @ 6’		
5.5	7.5	Tan clayey SAND, moist, loose, wet	107 @ 7’		
7.5	8.5	Brown/gray clayey SAND, stiff	2.5 @ 8’		
8.5	12.5	Red clayey SAND, stiff	0.0 @ 9’		
12.5	14.5	Grey clayey SAND, stiff	0.0 @ 10’		
14.5	17	Gray clayey SAND, stiff, wet	0.0 @ 11’		
17	17.5	Gray SAND, coarse, wet with gravel at 17.25’	2.4 @ 12’		
17.5	19.5	Gray clayey SAND, wet, loose	0.0 @ 13’		
19.5	20	Brown SAND w/ some gravel, coarse	0.0 @ 14’		
		Boring terminated at 20’ bgs	0.0 @ 15’		
		Piezometer set at 20’ w/ 15’ of screen	1.2 @ 16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
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ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-17	Permit Number:	Permit Date:
Date Work Began: 6/21/11	Date Work Ended: 6/21/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt and gravel FILL	0.2 @ 1’		
1.5	3	Brown silty CLAY, med. stiffness	3.6 @ 2’		
3	3.5	Gray/brown silty CLAY, med. stiffness	0.0 @ 3’		
3.5	5.5	Red silty CLAY, stiff	0.0 @ 4’		
5.5	7	Red/gray sandy CLAY, med. stiffness, moist	0.0 @ 5’		
7	8.5	Red sandy CLAY, w/ gray mottling, med. stiffness, moist	0.3 @ 6’		
8.5	9	Gray clayey SAND, loose	0.1 @ 7’		
9	10.5	Gray sandy CLAY, moist, loose	0.0 @ 8’		
10.5	13	Gray clayey SAND, wet at 12’, med. stiffness	2.8 @ 9’		
13	15	Gray sandy CLAY, med. stiffness	0.0 @ 10’		
15	16.5	Gray/brown SAND, coarse, loose	0.0 @ 11’		
16.5	18	Brown sandy CLAY	0.0 @ 12’		
18	20	No recovery	1.1 @ 13’		
			0.0 @ 14’		
		Boring terminated at 20’ bgs	0.0 @ 15’		
		Piezometer set at 18’ w/ 15’ of screen	2.6 @ 16’		
			0.0 @ 17’		
			0.0 @ 18’		
			NR @ 19’		
			NR @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
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ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-18	Permit Number:	Permit Date:
Date Work Began: 6/21/11	Date Work Ended: 6/21/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt and gravel FILL	0.0 @ 1’		
1.5	3.5	Brown clayey SILT, med. stiffness	0.0 @ 2’		
3.5	5	Brown sandy CLAY, med. stiffness	0.0 @ 3’		
5	5.5	Red sandy CLAY, stiff, moist	0.0 @ 4’		
5.5	7	Gray sandy CLAY, med. stiffness, moist	0.0 @ 5’		
7	10	Gray SAND, wet, coarse	0.0 @ 6’		7’
10	10.5	Gray clayey SAND, coarse, wet, loose	5.4 @ 7’		
10.5	13.5	Red/orange clayey SAND, wet, loose	0.0 @ 8’		
13.5	14.5	Gray clayey SAND, coarse, med. stiffness	0.0 @ 9’		
14.5	16	Brown sandy CLAY, med. stiffness	0.0 @ 10’		
		Boring terminated at 16’ bgs	0.0 @ 11’		
		Piezometer set at 16’ w/ 15’ of screen	0.0 @ 12’		
			4.7 @ 13’		
			0.0 @ 14’		
			0.0 @ 15’		
			0.0 @ 16’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-19	Permit Number:	Permit Date:
Date Work Began: 6/21/11	Date Work Ended: 6/21/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	2	Asphalt and gravel FILL	0.0 @ 1’		
2	3	Brown silty CLAY, med. stiffness	0.0 @ 2’		
3	5	Tan clayey SAND, loose	0.0 @ 3’		
5	6.5	Brown/gray sandy CLAY, stiff, moist	0.0 @ 4’		
6.5	7	Brown/ gray CLAY, wet, stiff	0.0 @ 5’		
7	9.5	Tan clayey SAND, wet, loose	5.4 @ 6’	Strong	8’
9.5	10.5	Red CLAY, moist, stiff	236 @ 7’		
10.5	13.5	Gray CLAY, stiff	482 @ 8’		
13.5	15	Gray sandy CLAY, moist, med. stiffness	18.2 @ 9’		
15	17.5	Brown/gray gravelly SAND, coarse, wet	4.0 @ 10’		
17.5	19	Gray sandy CLAY, wet, med. stiffness	0.0 @ 11’		
19	20	Orange gravelly SAND, wet, loose	0.0 @ 12’		
		Boring terminated at 20’ bgs	0.0 @ 13’		
		Piezometer set at 20’ w/ 15’ of screen	0.0 @ 14’		
			0.3 @ 15’		
			0.0 @ 16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
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CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-20	Permit Number:	Permit Date:
Date Work Began: 6/21/11	Date Work Ended: 6/21/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1.5	Asphalt and gravel FILL	0.0 @ 1’		
1.5	2	Tan silty SAND, loose	0.0 @ 2’		
2	2.5	Brown silty CLAY, med. stiffness	0.0 @ 3’		
2.5	2.75	Orangish brown clayey SAND, loose	0.0 @ 4’		
2.75	3	Brown silty CLAY, moist, med. stiffness	0.0 @ 5’		
3	4	No recovery	0.0 @ 6’		
4	5	Brown sandy CLAY, stiff, moist	0.0 @ 7’		
5	9	Brown clayey SAND, coarse, stiff, wet at 6.5’	0.0 @ 8’		
9	11.5	Red CLAY, stiff	0.0 @ 9’		
11.5	14.5	Gray CLAY w/ some SAND, moist, med. stiffness	0.0 @ 10’		
14.5	15.5	Gray CLAY, stiff	0.0 @ 11’		
15.5	17	Gray sandy CLAY, med. stiffness	0.0 @ 12’		
17	17.5	Gray CLAY, stiff, moist	0.0 @ 13’		
17.5	18.5	Gray sandy CLAY, med. stiffness, wet	0.0 @ 14’		
18.5	20	Gray gravelly SAND, coarse, wet	0.0 @ 15’		20’
		Boring terminated at 20’ bgs	0.0 @ 16’		
		Piezometer set at 20’ w/ 15’ of screen	0.0 @ 17’		
			0.0 @ 18’		
			1.6 @ 19’		
			6.1 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

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Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-21	Permit Number:	Permit Date:
Date Work Began: 6/21/11	Date Work Ended: 6/21/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log					
Drilling Method: Direct Push	Drilling Fluid: NA				
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo				
Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	2.5	Asphalt and gravel FILL	NR @ 1’		
2.5	3.5	Sandy gravel	0.0 @ 2’		
3.5	4	Brown silty CLAY, med. stiffness	0.0 @ 3’		
4	5.5	Gray sandy CLAY, moist, med. stiffness	0.0 @ 4’		
5.5	7	Orangish brown clayey SAND, loose, moist, wet at 6.5’	0.0 @ 5’		
7	7.5	Gray CLAY, stiff	0.0 @ 6’		
7.5	11.5	Red CLAY, moist, stiff	0.0 @ 7’		
11.5	14	Gray sandy CLAY, wet, med. stiffness	0.0 @ 8’		
14	15	Gray sandy CLAY wet, stiff	0.0 @ 9’		
15	15.5	Gray/tan sandy CLAY, moist, soft	0.0 @ 10’		
15.5	17	Gravelly SAND, coarse, wet	0.0 @ 11’		
17	19.5	Gray sandy CLAY, med. stiffness, w/ some gravel, wet	0.0 @ 12’		
19.5	20	Orange gravelly SAND, coarse, wet	0.0 @ 13’		
		Boring terminated at 20’ bgs	0.0 @ 14’		
		No piezometer set due to cave-in	0.0 @ 15’		20’
			0.0 @ 16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
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Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-22	Permit Number:	Permit Date:
Date Work Began: 6/21/11	Date Work Ended: 6/21/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log					
Drilling Method: Direct Push	Drilling Fluid: NA				
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo				
Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	2.5	Asphalt and gravel FILL	NR @ 1’		
2.5	3.5	Orangish brown silty CLAY, loose	0.0 @ 2’		
3.5	4	Brown sandy CLAY, loose	20.9 @ 3’		
4	6	Gray sandy CLAY, wet, med. stiffness	19.9 @ 4’	Slight	
6	8	Gray gravelly SAND, coarse, wet	36.5 @ 5’	Strong	
8	11	Tan/brown sandy CLAY, wet	471 @ 6’	Strong	
11	12	No recovery	1600 @ 7’		
12	12.5	Brown sandy CLAY, stiff, moist	432 @ 8’		
12.5	14	Gray sandy CLAY, stiff, moist	1654 @ 9’		
14	14.5	Gray sandy CLAY, med. stiffness, moist	465 @ 10’		
14.5	16	Red CLAY, stiff	NR @ 11’		
16	17.5	Gray CLAY, wet	1.8 @ 12’		
17.5	19.5	Gray sandy CLAY, stiff, wet	18.4 @ 13’		
19.5	20	Gray clayey SAND, loose, wet	0.0 @ 14’		
		Boring terminated at 20’ bgs	0.0 @ 15’		20’
		Piezometer set at 20’ w/ 15’ of screen	3.3 @ 16’		
			1.0 @ 17’		
			14.5 @ 18’		
			0.0 @ 19’		
			0.3 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
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OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-23	Permit Number:	Permit Date:
Date Work Began: 6/21/11	Date Work Ended: 6/21/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log	
Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	1	No recovery	NR @ 1’		
1	3	Brown silty SAND, med. stiffness	0.0 @ 2’	Slight	
3	5	Gray sandy CLAY, med. stiffness	4.6 @ 3’	Slight	
5	8.5	Gray/tan SAND, coarse, wet	10.3 @ 4’	Strong	6’
8.5	9.5	Gray gravelly SAND, coarse, wet	130 @ 5’		
9.5	14	No recovery	1332 @ 6’		
14	15.5	Gray sandy CLAY, stiff, moist	791 @ 7’		
15.5	17	Red CLAY, stiff, moist	316 @ 8’		
17	20	Gray CLAY, stiff, moist	0.0 @ 9’		
		Boring terminated at 20’ bgs	NR @ 10’		
		Piezometer set at 20’ w/ 8’ of screen	NR @ 11’		
			NR @ 12’		
			0.0 @ 13’		
			0.0 @ 14’		
			0.0 @ 15’		
			0.0 @ 16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

Page 1 of Page 1	Boring / Well Completion Report	
Boring / Well ID: B-24	Permit Number:	Permit Date:
Date Work Began: 6/21/11	Date Work Ended: 6/21/11	AEC Project No.: 05-056 RF-096
Address: 500 Mechanics Valley Road	City / State: North East, MD	

Geologic Log

Drilling Method: Direct Push	Drilling Fluid: NA
Boring Diameter (inches): 2.25	Drilling Contractor: Carl Hugo

Depth from Surface		Description			
Feet	Feet	Soil Classification	PID	Odor Comments	Sample Interval
0	2	Asphalt and gravel FILL/no recovery	NR @ 1’		
2	4.5	Brown silty CLAY, med. stiffness, moist	NR @ 2’		
4.5	5	GBrown SAND, loose, wet	0.0 @ 3’		
5	5.5	Brown sandy CLAY, wet, med. stiffness	0.0 @ 4’		
5.5	6	Tan SAND, wet, loose	0.0 @ 5’		
6	8	Tan/gray sandy CLAY, stiff, wet	0.0 @ 6’		
8	10.5	Gray CLAY, stiff, wet	0.0 @ 7’		
10.5	11	Gray clayey SAND, wet, med. stiffness	0.0 @ 8’		
11	11.5	Gray sandy CLAY, med. stiffness, wet	0.0 @ 9’		
11.5	14.5	Brown gravelly SAND, coarse, wet	0.0 @ 10’		14’
14.5	16.5	Tan sandy CLAY, med. stiffness, wet	0.0 @ 11’		
16.5	17.5	Gray CLAY, loose, wet	0.0 @ 12’		
17.5	20	Red CLAY, stiff, moist	0.0 @ 13’		
		Boring terminated at 20’ bgs	0.0 @ 14’		
		Piezometer set at 16’ w/ 10’ of screen	0.0 @ 15’		
			0.0 @ 16’		
			0.0 @ 17’		
			0.0 @ 18’		
			0.0 @ 19’		
			0.0 @ 20’		

Water Level of Completed Well	
First water (ft. bgs):	Date/Time Measured:
Static Water (ft. bgs):	Date/Time Measured:

Well Construction Details	
Well Diameter (inches)	
Depth to Top of Bentonite Seal (ft. bgs)	
Depth to Bottom of Bentonite Seal (ft. bgs)	
Depth to Top of Sand Pack (ft. bgs)	
Depth to Bottom of Sand Pack (ft. bgs)	
Depth to Top of Solid Casing (ft. bgs)	
Depth to Bottom of Solid Casing (ft. bgs)	
Depth to Top of Screen (ft. bgs)	
Depth to Bottom of Screen (ft. bgs)	
Solid Casing and Screen Material	
Screen Slot Size	

Boring Location Sketch

See Figure 5

GW - Well-graded gravels and gravel-sand mixtures, little or no fines. GP - Poorly graded gravels and gravel-sand mixtures, little or no fines.
GM - Silty gravels, gravel-sand-silt mixtures. GC - Clayey gravels, gravel-sand-clay mixtures. SW - Well-graded sands and gravelly sands, little or no fines
SP - Poorly graded sands and gravelly sands, little or no fines. SM - Silty sands, sand-silt mixtures. SC - Clayey sands, sand-clay mixtures.
ML - Inorganic silts, very fine sands, rock flour, silty or clayey fine sands. CL - Inorganic clays of low to medium plasticity, gravelly/sandy/silty/lean clays.
OL - Organic silts and organic silty clays of low plasticity. MH - Inorganic silts micaceous or diatomaceous fine sands or silts, elastic silts.
CH - Inorganic clays or high plasticity, fat clays. OH - Organic clays of medium to high plasticity. PT - Peat, muck, and other highly organic soils

APPENDIX C
DATA TABLES

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
B-1	6/24/2011	Pre	NA	12.49	ND	NA	
		Post		12.52	ND	NA	
	6/25/2011	Pre	NA	12.47	ND	NA	
		Post		12.93	ND	NA	
	6/26/2011	Pre	NA	12.61	ND	NA	
		Post		12.95	ND	NA	
	6/27/2011	Pre	NA	12.87	ND	NA	
		Post		13.19	ND	NA	
	6/28/2011	Pre	NA	12.61	12.61	0.00	Sheen
		Post		12.72	12.72	0.00	Sheen
	6/29/2011	Pre	NA	12.19	ND	NA	
		Post		12.84	ND	NA	
	6/30/2011	Pre	NA	12.38	ND	NA	
		Post		12.95	ND	NA	
	7/1/2011	Pre	NA	12.49	ND	NA	
		Post		13.08	ND	NA	
	7/2/2011	Pre	NA	12.62	ND	NA	
		Post		13.24	ND	NA	
	7/3/2011	Pre	NA	12.71	ND	NA	
		Post		13.07	ND	NA	
	7/5/2011	Pre	NA	12.66	ND	NA	
		Post		13.06	ND	NA	
	7/6/2011	Pre	NA	12.72	ND	NA	
		Post		13.42	ND	NA	
	7/7/2011	Pre	NA	12.77	ND	NA	
		Post		13.42	ND	NA	
	7/8/2011	Pre	NA	12.74	ND	NA	
		Post		13.33	ND	NA	
	7/9/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/10/2011	Pre	NA	12.80	ND	NA	
		Post		13.19	ND	NA	
	7/11/2011	Pre	NA	12.87	ND	NA	
		Post		13.27	ND	NA	
	7/12/2011	Pre	NA	12.77	ND	NA	
		Post		13.37	ND	NA	
	7/13/2011	Pre	NA	12.86	ND	NA	
		Post		13.27	ND	NA	
	7/14/2011	Pre	NA	12.92	ND	NA	
		Post		13.38	ND	NA	
	7/15/2011	Pre	NA	12.93	ND	NA	
		Post		13.32	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		13.58	ND	NA	
	7/17/2011	Pre	NA	13.29	ND	NA	
		Post		13.55	ND	NA	
	7/18/2011	Pre	NA	13.03	ND	NA	
		Post		13.71	ND	NA	
	7/19/2011	Pre	NA	13.04	ND	NA	
		Post		13.55	ND	NA	
B-2	6/24/2011	Pre	NA	12.87	ND	NA	
		Post		12.95	ND	NA	
	6/25/2011	Pre	NA	12.94	ND	NA	
		Post		13.26	ND	NA	
	6/26/2011	Pre	NA	12.99	ND	NA	
		Post		13.60	ND	NA	
	6/27/2011	Pre	NA	13.01	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		13.44	ND	NA	
	6/28/2011	Pre	NA	13.06	ND	NA	
		Post		13.23	ND	NA	
	6/29/2011	Pre	NA	12.71	ND	NA	
		Post		13.19	ND	NA	
	6/30/2011	Pre	NA	12.85	ND	NA	
		Post		13.21	ND	NA	
	7/1/2011	Pre	NA	12.94	ND	NA	
		Post		13.31	ND	NA	
	7/2/2011	Pre	NA	13.39	ND	NA	
		Post		13.43	ND	NA	
	7/3/2011	Pre	NA	13.06	ND	NA	
		Post		13.83	ND	NA	
	7/5/2011	Pre	NA	13.10	ND	NA	
		Post		13.40	ND	NA	
	7/6/2011	Pre	NA	13.13	ND	NA	
		Post		13.57	ND	NA	
	7/7/2011	Pre	NA	13.17	ND	NA	
		Post		13.54	ND	NA	
	7/8/2011	Pre	NA	13.16	ND	NA	
		Post		13.48	ND	NA	
	7/9/2011	Pre	NA	13.41	ND	NA	
		Post		13.79	ND	NA	
	7/10/2011	Pre	NA	13.14	ND	NA	
		Post		13.46	ND	NA	
	7/11/2011	Pre	NA	13.19	ND	NA	
		Post		13.49	ND	NA	
	7/12/2011	Pre	NA	13.20	ND	NA	
		Post		13.52	ND	NA	
	7/13/2011	Pre	NA	13.27	ND	NA	
		Post		13.52	ND	NA	
	7/14/2011	Pre	NA	13.77	ND	NA	
		Post		13.57	ND	NA	
	7/15/2011	Pre	NA	13.37	ND	NA	
		Post		13.67	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		14.93	ND	NA	
	7/17/2011	Pre	NA	14.31	ND	NA	
		Post		13.75	ND	NA	
	7/18/2011	Pre	NA	13.45	ND	NA	
		Post		13.69	ND	NA	
	7/19/2011	Pre	NA	13.44	ND	NA	
		Post		13.66	ND	NA	
B-3	6/24/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/25/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/26/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/27/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/28/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/29/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/30/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/1/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/2/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/3/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/5/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/6/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/7/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/8/2011	Pre	NA	10.52	ND	NA	
		Post		10.48	ND	NA	
	7/9/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/10/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/11/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/12/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/13/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/14/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/15/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/16/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/17/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/18/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/19/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
B-4	6/24/2011	Pre	NA	12.63	ND	NA	
		Post		12.67	ND	NA	
	6/25/2011	Pre	NA	12.68	ND	NA	
		Post		12.97	ND	NA	
	6/26/2011	Pre	NA	13.21	ND	NA	
		Post		13.30	ND	NA	
	6/27/2011	Pre	NA	12.79	ND	NA	
		Post		13.06	ND	NA	
	6/28/2011	Pre	NA	12.88	ND	NA	
		Post		12.57	ND	NA	
	6/29/2011	Pre	NA	12.43	ND	NA	
		Post		12.72	ND	NA	
	6/30/2011	Pre	NA	12.59	ND	NA	
		Post		12.81	ND	NA	
	7/1/2011	Pre	NA	12.68	ND	NA	
		Post		12.93	ND	NA	
	7/2/2011	Pre	NA	13.44	ND	NA	
		Post		13.03	ND	NA	
	7/3/2011	Pre	NA	12.78	ND	NA	
		Post		13.42	ND	NA	
	7/5/2011	Pre	NA	12.84	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		13.02	ND	NA	
	7/6/2011	Pre	NA	12.88	ND	NA	
		Post		13.21	ND	NA	
	7/7/2011	Pre	NA	12.91	ND	NA	
		Post		13.22	ND	NA	
	7/8/2011	Pre	NA	12.91	ND	NA	
		Post		13.13	ND	NA	
	7/9/2011	Pre	NA	12.81	ND	NA	
		Post		13.49	ND	NA	
	7/10/2011	Pre	NA	13.69	ND	NA	
		Post		13.11	ND	NA	
	7/11/2011	Pre	NA	12.94	ND	NA	
		Post		13.18	ND	NA	
	7/12/2011	Pre	NA	12.96	ND	NA	
		Post		13.24	ND	NA	
	7/13/2011	Pre	NA	13.02	ND	NA	
		Post		13.22	ND	NA	
	7/14/2011	Pre	NA	13.57	ND	NA	
		Post		13.29	ND	NA	
	7/15/2011	Pre	NA	13.09	ND	NA	
		Post		13.47	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		13.57	ND	NA	
	7/17/2011	Pre	NA	14.48	ND	NA	
		Post		13.49	ND	NA	
	7/18/2011	Pre	NA	13.21	ND	NA	
		Post		13.53	ND	NA	
	7/19/2011	Pre	NA	13.23	ND	NA	
		Post		13.53	ND	NA	
B-5	6/24/2011	Pre	NA	13.96	ND	NA	
		Post		14.02	ND	NA	
	6/25/2011	Pre	NA	14.11	ND	NA	
		Post		14.25	ND	NA	
	6/26/2011	Pre	NA	14.27	ND	NA	
		Post		14.34	ND	NA	
	6/27/2011	Pre	NA	14.54	ND	NA	
		Post		14.47	ND	NA	
	6/28/2011	Pre	NA	14.11	ND	NA	
		Post		14.31	ND	NA	
	6/29/2011	Pre	NA	13.78	ND	NA	
		Post		14.16	ND	NA	
	6/30/2011	Pre	NA	13.92	ND	NA	
		Post		14.23	ND	NA	
	7/1/2011	Pre	NA	14.02	ND	NA	
		Post		14.35	ND	NA	
	7/2/2011	Pre	NA	14.27	ND	NA	
		Post		14.49	ND	NA	
	7/3/2011	Pre	NA	14.11	ND	NA	
		Post		14.50	ND	NA	
	7/5/2011	Pre	NA	14.15	ND	NA	
		Post		14.44	ND	NA	
	7/6/2011	Pre	NA	14.27	ND	NA	
		Post		14.73	ND	NA	
	7/7/2011	Pre	NA	14.37	ND	NA	
		Post		14.74	ND	NA	
	7/8/2011	Pre	NA	14.35	ND	NA	
		Post		14.65	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/9/2011	Pre	NA	14.28	ND	NA	
		Post		14.66	ND	NA	
	7/10/2011	Pre	NA	14.34	ND	NA	
		Post		14.58	ND	NA	
	7/11/2011	Pre	NA	14.38	ND	NA	
		Post		14.73	ND	NA	
	7/12/2011	Pre	NA	14.41	ND	NA	
		Post		14.74	ND	NA	
	7/13/2011	Pre	NA	14.47	ND	NA	
		Post		14.72	ND	NA	
	7/14/2011	Pre	NA	14.64	ND	NA	
		Post		14.79	ND	NA	
	7/15/2011	Pre	NA	14.53	ND	NA	
		Post		14.78	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		17.16	ND	NA	
	7/17/2011	Pre	NA	15.11	ND	NA	
		Post		14.67	ND	NA	
	7/18/2011	Pre	NA	14.66	ND	NA	
		Post		15.02	ND	NA	
	7/19/2011	Pre	NA	14.62	ND	NA	
		Post		14.98	ND	NA	
B-6	6/24/2011	Pre	NA	8.27	ND	NA	
		Post		8.95	ND	NA	
	6/25/2011	Pre	NA	8.31	8.31	0.00	Sheen
		Post		9.42	ND	NA	
	6/26/2011	Pre	Hand-Bail	10.19	8.99	1.20	
		Post		10.58	10.28	0.30	
	6/27/2011	Pre	NA	9.49	ND	NA	
		Post		10.74	ND	NA	
	6/28/2011	Pre	NA	9.74	9.54	0.20	
		Post		11.12	10.81	0.31	
	6/29/2011	Pre	NA	9.75	9.56	0.19	
		Post		10.94	10.77	0.17	
	6/30/2011	Pre	NA	10.04	9.92	0.12	
		Post		11.06	10.96	0.10	
	7/1/2011	Pre	NA	10.25	10.18	0.07	
		Post		11.79	11.71	0.08	
	7/2/2011	Pre	NA	11.44	11.29	0.15	
		Post		11.41	11.34	0.07	
	7/3/2011	Pre	NA	10.45	ND	NA	
		Post		11.55	ND	NA	
	7/5/2011	Pre	NA	10.46	10.33	0.13	
		Post		11.27	11.08	0.19	
	7/6/2011	Pre	NA	11.49	11.43	0.06	
		Post		11.42	11.35	0.07	
	7/7/2011	Pre	NA	10.96	10.77	0.19	
		Post		13.62	13.53	0.09	
	7/8/2011	Pre	NA	13.05	12.86	0.19	
		Post		13.25	13.21	0.04	
	7/9/2011	Pre	NA	13.82	13.69	0.13	
		Post		13.42	13.30	0.12	
	7/10/2011	Pre	NA	13.23	ND	NA	
		Post		13.08	ND	NA	
	7/11/2011	Pre	NA	13.16	12.81	0.35	
		Post		13.41	13.28	0.13	
	7/12/2011	Pre	NA	12.86	12.73	0.13	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		13.27	13.21	0.06	
	7/13/2011	Pre	NA	13.13	13.01	0.12	
		Post		13.23	13.13	0.10	
	7/14/2011	Pre	NA	13.58	13.44	0.14	
		Post		13.30	13.24	0.06	
	7/15/2011	Pre	NA	12.41	12.36	0.05	
		Post		12.99	12.94	0.05	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		13.40	13.33	0.07	
	7/17/2011	Pre	NA	13.85	ND	NA	
		Post		13.56	ND	NA	
	7/18/2011	Pre	NA	13.41	13.19	0.22	
		Post		13.70	13.59	0.11	
	7/19/2011	Pre	NA	13.35	13.21	0.14	
		Post		12.89	12.79	0.10	
B-7	6/24/2011	Pre	NA	6.90	ND	NA	
		Post		6.90	ND	NA	
	6/25/2011	Pre	NA	7.41	ND	NA	
		Post		6.95	ND	NA	
	6/26/2011	Pre	NA	6.95	ND	NA	
		Post		6.98	ND	NA	
	6/27/2011	Pre	NA	6.95	ND	NA	
		Post		6.98	ND	NA	
	6/28/2011	Pre	NA	6.95	ND	NA	
		Post		6.87	ND	NA	
	6/29/2011	Pre	NA	6.94	ND	NA	
		Post		7.02	ND	NA	
	6/30/2011	Pre	NA	6.97	ND	NA	
		Post		6.99	ND	NA	
	7/1/2011	Pre	NA	6.99	ND	NA	
		Post		7.07	ND	NA	
	7/2/2011	Pre	NA	7.17	ND	NA	
		Post		7.06	ND	NA	
	7/3/2011	Pre	NA	7.02	ND	NA	
		Post		7.11	ND	NA	
	7/5/2011	Pre	NA	7.04	ND	NA	
		Post		7.04	ND	NA	
	7/6/2011	Pre	NA	7.04	ND	NA	
		Post		7.18	ND	NA	
	7/7/2011	Pre	NA	7.03	ND	NA	
		Post		7.14	ND	NA	
	7/8/2011	Pre	NA	7.03	ND	NA	
		Post		7.09	ND	NA	
	7/9/2011	Pre	NA	7.05	ND	NA	
		Post		7.15	ND	NA	
	7/10/2011	Pre	NA	7.03	ND	NA	
		Post		7.05	ND	NA	
	7/11/2011	Pre	NA	7.09	ND	NA	
		Post		7.11	ND	NA	
	7/12/2011	Pre	NA	7.14	ND	NA	
		Post		7.09	ND	NA	
	7/13/2011	Pre	NA	7.10	ND	NA	
		Post		7.25	ND	NA	
	7/14/2011	Pre	NA	7.18	ND	NA	
		Post		7.29	ND	NA	
	7/15/2011	Pre	NA	7.21	ND	NA	
		Post		7.24	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		7.15	ND	NA	
	7/17/2011	Pre	NA	7.30	ND	NA	
		Post		7.18	ND	NA	
	7/18/2011	Pre	NA	7.27	ND	NA	
		Post		7.27	ND	NA	
	7/19/2011	Pre	NA	7.22	ND	NA	
		Post		7.28	ND	NA	
B-8	6/24/2011	Pre	NA	12.09	ND	NA	
		Post		13.18	ND	NA	
	6/25/2011	Pre	NA	12.13	ND	NA	
		Post		12.39	ND	NA	
	6/26/2011	Pre	NA	12.28	ND	NA	
		Post		12.45	ND	NA	
	6/27/2011	Pre	NA	12.27	ND	NA	
		Post		12.58	ND	NA	
	6/28/2011	Pre	NA	12.28	ND	NA	
		Post		11.57	11.57	0.00	Sheen
	6/29/2011	Pre	NA	11.62	ND	NA	
		Post		11.94	ND	NA	
	6/30/2011	Pre	NA	11.93	ND	NA	
		Post		12.18	ND	NA	
	7/1/2011	Pre	NA	12.09	ND	NA	
		Post		12.35	ND	NA	
	7/2/2011	Pre	NA	12.39	ND	NA	
		Post		12.56	ND	NA	
	7/3/2011	Pre	NA	12.29	ND	NA	
		Post		12.54	ND	NA	
	7/5/2011	Pre	NA	12.32	ND	NA	
		Post		12.51	ND	NA	
	7/6/2011	Pre	NA	12.43	ND	NA	
		Post		12.65	ND	NA	
	7/7/2011	Pre	NA	12.44	ND	NA	
		Post		12.76	ND	NA	
	7/8/2011	Pre	NA	12.39	ND	NA	
		Post		12.63	ND	NA	
	7/9/2011	Pre	NA	12.22	ND	NA	
		Post		12.48	ND	NA	
	7/10/2011	Pre	NA	12.50	ND	NA	
		Post		12.51	ND	NA	
	7/11/2011	Pre	NA	12.39	ND	NA	
		Post		12.65	ND	NA	
	7/12/2011	Pre	NA	12.43	ND	NA	
		Post		12.70	ND	NA	
	7/13/2011	Pre	NA	12.51	ND	NA	
		Post		12.74	ND	NA	
	7/14/2011	Pre	NA	12.64	ND	NA	
		Post		12.80	ND	NA	
	7/15/2011	Pre	NA	12.61	ND	NA	
		Post		12.82	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		12.95	ND	NA	
	7/17/2011	Pre	NA	13.13	ND	NA	
		Post		12.92	ND	NA	
	7/18/2011	Pre	NA	12.73	ND	NA	
		Post		NG	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/19/2011	Pre	NA	12.73	ND	NA	
		Post		12.99	ND	NA	
B-9	6/24/2011	Pre	NA	NG	ND	NA	
		Post		13.18	ND	NA	
	6/25/2011	Pre	NA	13.18	ND	NA	
		Post		13.45	ND	NA	
	6/26/2011	Pre	NA	13.68	ND	NA	
		Post		13.70	ND	NA	
	6/27/2011	Pre	NA	13.20	ND	NA	
		Post		13.59	ND	NA	
	6/28/2011	Pre	NA	13.28	ND	NA	
		Post		13.12	ND	NA	
	6/29/2011	Pre	NA	12.95	ND	NA	
		Post		13.22	ND	NA	
	6/30/2011	Pre	NA	13.08	ND	NA	
		Post		13.32	ND	NA	
	7/1/2011	Pre	NA	13.17	ND	NA	
		Post		13.43	ND	NA	
	7/2/2011	Pre	NA	13.81	13.79	0.02	
		Post		13.56	ND	NA	
	7/3/2011	Pre	NA	13.29	13.26	0.03	
		Post		13.83	13.82	0.01	
	7/5/2011	Pre	NA	13.46	13.29	0.17	
		Post		13.62	13.47	0.15	
	7/6/2011	Pre	NA	14.07	13.78	0.29	
		Post		13.86	13.65	0.21	
	7/7/2011	Pre	NA	13.59	13.34	0.25	
		Post		13.90	13.67	0.23	
	7/8/2011	Pre	NA	13.63	13.31	0.32	
		Post		13.35	ND	NA	
	7/9/2011	Pre	NA	13.67	13.22	0.45	
		Post		14.28	13.78	0.50	
	7/10/2011	Pre	NA	14.23	13.84	0.39	
		Post		13.98	13.51	0.47	
	7/11/2011	Pre	NA	13.29	ND	NA	
		Post		14.09	13.53	0.56	
	7/12/2011	Pre	NA	13.98	13.29	0.69	
		Post		14.24	13.57	0.67	
	7/13/2011	Pre	NA	14.08	13.32	0.76	
		Post		14.27	13.52	0.75	
	7/14/2011	Pre	NA	14.67	13.81	0.86	
		Post		14.36	13.56	0.80	
	7/15/2011	Pre	NA	14.25	13.37	0.88	
		Post		14.50	13.57	0.93	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		NG	NA	NA	
	7/17/2011	Pre	NA	15.47	14.32	1.15	
		Post		14.61	13.81	0.80	
	7/18/2011	Pre	NA	15.11	13.86	1.25	
		Post		14.66	13.78	0.88	
	7/19/2011	Pre	NA	14.47	13.42	1.05	
		Post		14.66	13.26	1.40	
B-10	6/24/2011	Pre	NA	13.05	11.80	1.25	
		Post		13.27	11.98	1.29	
	6/25/2011	Pre	Hand-Bail	13.14	12.04	1.10	
		Post		13.17	12.95	0.22	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	6/26/2011	Pre	Hand-Bail	12.62	12.41	0.21	
		Post		13.13	13.00	0.13	
	6/27/2011	Pre	NA	12.66	12.45	0.21	
		Post		13.24	12.99	0.25	
	6/28/2011	Pre	NA	12.56	12.46	0.10	
		Post		12.85	12.65	0.20	
	6/29/2011	Pre	NA	12.33	12.01	0.32	
		Post		12.91	12.54	0.37	
	6/30/2011	Pre	NA	12.64	12.15	0.49	
		Post		13.17	12.58	0.59	
	7/1/2011	Pre	NA	12.83	12.24	0.59	
		Post		13.37	12.69	0.68	
	7/2/2011	Pre	NA	13.04	12.41	0.63	
		Post		13.57	12.86	0.71	
	7/3/2011	Pre	NA	12.91	12.35	0.56	
		Post		13.27	13.22	0.05	
	7/5/2011	Pre	NA	12.65	12.53	0.12	
		Post		13.02	12.86	0.16	
	7/6/2011	Pre	NA	12.73	12.60	0.13	
		Post		13.33	13.19	0.14	
	7/7/2011	Pre	NA	12.73	12.60	0.13	
		Post		13.34	13.19	0.15	
	7/8/2011	Pre	NA	12.72	12.60	0.12	
		Post		13.07	ND	NA	
	7/9/2011	Pre	NA	12.86	12.74	0.12	
		Post		13.16	12.95	0.21	
	7/10/2011	Pre	NA	12.83	12.69	0.14	
		Post		13.13	13.00	0.13	
	7/11/2011	Pre	NA	12.70	12.64	0.06	
		Post		13.24	13.07	0.17	
	7/12/2011	Pre	NA	12.76	12.66	0.10	
		Post		13.29	13.15	0.14	
	7/13/2011	Pre	NA	12.38	12.72	-0.34	
		Post		13.19	13.02	0.17	
	7/14/2011	Pre	NA	12.99	12.86	0.13	
		Post		13.27	13.13	0.14	
	7/15/2011	Pre	NA	12.92	12.81	0.11	
		Post		NG	NA	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		NG	NA	NA	
	7/17/2011	Pre	NA	13.35	13.20	0.15	
		Post		13.82	13.70	0.12	
	7/18/2011	Pre	NA	12.96	ND	NA	
		Post		13.63	13.51	0.12	
	7/19/2011	Pre	NA	13.00	12.90	0.10	
		Post		13.51	13.42	0.09	
B-11	6/24/2011	Pre	NA	13.07	ND	NA	
		Post		13.23	ND	NA	
	6/25/2011	Pre	NA	13.30	ND	NA	
		Post		13.45	ND	NA	
	6/26/2011	Pre	NA	13.43	ND	NA	
		Post		13.55	ND	NA	
	6/27/2011	Pre	NA	13.35	ND	NA	
		Post		13.71	ND	NA	
	6/28/2011	Pre	NA	13.36	ND	NA	
		Post		13.55	ND	NA	
	6/29/2011	Pre	NA	13.11	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		13.43	ND	NA	
	6/30/2011	Pre	NA	13.23	ND	NA	
		Post		13.52	ND	NA	
	7/1/2011	Pre	NA	13.34	ND	NA	
		Post		13.67	ND	NA	
	7/2/2011	Pre	NA	13.46	ND	NA	
		Post		13.76	ND	NA	
	7/3/2011	Pre	NA	13.41	ND	NA	
		Post		13.65	ND	NA	
	7/5/2011	Pre	NA	13.45	ND	NA	
		Post		13.67	ND	NA	
	7/6/2011	Pre	NA	13.51	ND	NA	
		Post		13.88	ND	NA	
	7/7/2011	Pre	NA	13.61	ND	NA	
		Post		13.98	ND	NA	
	7/8/2011	Pre	NA	13.90	ND	NA	
		Post		13.89	ND	NA	
	7/9/2011	Pre	NA	13.51	ND	NA	
		Post		13.88	ND	NA	
	7/10/2011	Pre	NA	13.56	ND	NA	
		Post		13.86	ND	NA	
	7/11/2011	Pre	NA	13.81	ND	NA	
		Post		13.92	ND	NA	
	7/12/2011	Pre	NA	13.73	ND	NA	
		Post		14.02	ND	NA	
	7/13/2011	Pre	NA	13.79	ND	NA	
		Post		14.04	ND	NA	
	7/14/2011	Pre	NA	14.01	ND	NA	
		Post		14.35	ND	NA	
	7/15/2011	Pre	NA	14.24	ND	NA	
		Post		14.40	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		DRY	ND	NA	
	7/17/2011	Pre	NA	14.38	ND	NA	
		Post		14.89	ND	NA	
	7/18/2011	Pre	NA	14.38	ND	NA	
		Post		14.62	ND	NA	
	7/19/2011	Pre	NA	14.35	ND	NA	
		Post		14.63	ND	NA	
B-12	6/24/2011	Pre	NA	13.46	ND	NA	
		Post		13.49	ND	NA	
	6/25/2011	Pre	NA	13.80	ND	NA	
		Post		14.61	ND	NA	
	6/26/2011	Pre	NA	14.60	ND	NA	
		Post		14.58	ND	NA	
	6/27/2011	Pre	NA	14.07	ND	NA	
		Post		14.00	ND	NA	
	6/28/2011	Pre	NA	14.59	ND	NA	
		Post		14.65	ND	NA	
	6/29/2011	Pre	NA	13.44	ND	NA	
		Post		14.63	ND	NA	
	6/30/2011	Pre	NA	14.65	ND	NA	
		Post		14.62	ND	NA	
	7/1/2011	Pre	NA	14.62	ND	NA	
		Post		14.66	ND	NA	
	7/2/2011	Pre	NA	15.55	ND	NA	
		Post		13.99	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/3/2011	Pre	NA	13.62	ND	NA	
		Post		14.00	ND	NA	
	7/5/2011	Pre	NA	13.69	ND	NA	
		Post		13.96	ND	NA	
	7/6/2011	Pre	NA	14.68	ND	NA	
		Post		14.13	ND	NA	
	7/7/2011	Pre	NA	14.58	ND	NA	
		Post		NG	ND	NA	
	7/8/2011	Pre	NA	15.37	ND	NA	
		Post		14.12	ND	NA	
	7/9/2011	Pre	NA	13.79	ND	NA	
		Post		14.01	ND	NA	
	7/10/2011	Pre	NA	13.70	ND	NA	
		Post		13.98	ND	NA	
	7/11/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/12/2011	Pre	NA	NG	ND	NA	
		Post		13.94	ND	NA	
	7/13/2011	Pre	NA	13.89	ND	NA	
		Post		14.10	ND	NA	
	7/14/2011	Pre	NA	14.00	ND	NA	
		Post		14.23	ND	NA	
	7/15/2011	Pre	NA	13.97	ND	NA	
		Post		14.19	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		14.42	ND	NA	
	7/17/2011	Pre	NA	14.34	ND	NA	
		Post		14.30	ND	NA	
	7/18/2011	Pre	NA	14.04	ND	NA	
		Post		14.39	ND	NA	
	7/19/2011	Pre	NA	14.04	ND	NA	
		Post		14.39	ND	NA	
B-13	6/24/2011	Pre	NA	12.01	ND	NA	
		Post		12.04	11.71	0.33	
	6/25/2011	Pre	NA	11.75	11.49	0.26	
		Post		12.06	12.00	0.06	
	6/26/2011	Pre	Hand-Bail	12.08	12.01	0.07	
		Post		12.12	12.11	0.01	
	6/27/2011	Pre	NA	12.14	12.00	0.14	
		Post		12.34	12.20	0.14	
	6/28/2011	Pre	NA	12.09	12.04	0.05	
		Post		10.90	10.87	0.03	
	6/29/2011	Pre	NA	11.26	11.15	0.11	
		Post		11.49	11.42	0.07	
	6/30/2011	Pre	NA	11.70	11.57	0.13	
		Post		11.83	11.76	0.07	
	7/1/2011	Pre	NA	11.91	11.80	0.11	
		Post		12.15	11.95	0.20	
	7/2/2011	Pre	NA	12.28	11.98	0.30	
		Post		12.48	12.07	0.41	
	7/3/2011	Pre	NA	12.13	11.97	0.16	
		Post		12.20	ND	NA	
	7/5/2011	Pre	NA	12.20	12.10	0.10	
		Post		12.31	12.20	0.11	
	7/6/2011	Pre	NA	12.30	12.18	0.12	
		Post		12.46	12.33	0.13	
	7/7/2011	Pre	NA	12.34	12.21	0.13	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		12.52	12.39	0.13	
	7/8/2011	Pre	NA	12.31	12.15	0.16	
		Post		11.92	ND	NA	
	7/9/2011	Pre	NA	11.88	11.85	0.03	
		Post		12.15	12.06	0.09	
	7/10/2011	Pre	NA	12.33	12.12	0.21	
		Post		12.43	12.12	0.31	
	7/11/2011	Pre	NA	12.46	12.10	0.36	
		Post		12.61	12.26	0.35	
	7/12/2011	Pre	NA	12.48	12.16	0.32	
		Post		12.64	12.32	0.32	
	7/13/2011	Pre	NA	12.55	12.24	0.31	
		Post		12.70	12.36	0.34	
	7/14/2011	Pre	NA	12.70	12.38	0.32	
		Post		12.73	12.41	0.32	
	7/15/2011	Pre	NA	12.68	12.36	0.32	
		Post		12.82	12.48	0.34	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		12.68	12.57	0.11	
	7/17/2011	Pre	NA	13.15	13.01	0.14	
		Post		12.72	12.61	0.11	
	7/18/2011	Pre	NA	13.02	12.87	0.15	
		Post		12.79	12.67	0.12	
	7/19/2011	Pre	NA	12.82	12.46	0.36	
		Post		13.08	12.53	0.55	
B-14	6/24/2011	Pre	NA	11.34	ND	NA	
		Post		11.34	ND	NA	
	6/25/2011	Pre	NA	11.43	ND	NA	
		Post		11.69	ND	NA	
	6/26/2011	Pre	NA	11.64	ND	NA	
		Post		11.71	ND	NA	
	6/27/2011	Pre	NA	11.64	ND	NA	
		Post		11.80	ND	NA	
	6/28/2011	Pre	NA	11.67	ND	NA	
		Post		10.34	ND	NA	
	6/29/2011	Pre	NA	10.77	ND	NA	
		Post		11.03	ND	NA	
	6/30/2011	Pre	NA	11.19	ND	NA	
		Post		11.37	ND	NA	
	7/1/2011	Pre	NA	11.41	ND	NA	
		Post		11.58	ND	NA	
	7/2/2011	Pre	NA	11.67	ND	NA	
		Post		11.73	ND	NA	
	7/3/2011	Pre	NA	11.64	ND	NA	
		Post		11.82	ND	NA	
	7/5/2011	Pre	NA	11.69	ND	NA	
		Post		11.81	ND	NA	
	7/6/2011	Pre	NA	11.80	ND	NA	
		Post		11.93	ND	NA	
	7/7/2011	Pre	NA	11.79	ND	NA	
		Post		11.98	ND	NA	
	7/8/2011	Pre	NA	11.76	ND	NA	
		Post		11.92	ND	NA	
	7/9/2011	Pre	NA	11.41	ND	NA	
		Post		11.62	ND	NA	
	7/10/2011	Pre	NA	11.76	ND	NA	
		Post		11.77	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/11/2011	Pre	NA	11.76	ND	NA	
		Post		11.90	ND	NA	
	7/12/2011	Pre	NA	11.81	ND	NA	
		Post		11.98	ND	NA	
	7/13/2011	Pre	NA	11.88	ND	NA	
		Post		12.69	ND	NA	
	7/14/2011	Pre	NA	11.99	ND	NA	
		Post		12.09	ND	NA	
	7/15/2011	Pre	NA	12.01	ND	NA	
		Post		12.13	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		12.24	ND	NA	
	7/17/2011	Pre	NA	12.41	ND	NA	
		Post		12.28	ND	NA	
	7/18/2011	Pre	NA	12.14	ND	NA	
		Post		NG	NA	NA	
	7/19/2011	Pre	NA	12.17	ND	NA	
		Post		12.34	ND	NA	
B-15	6/24/2011	Pre	NA	11.97	ND	NA	
		Post		11.96	ND	NA	
	6/25/2011	Pre	NA	12.02	ND	NA	
		Post		12.69	ND	NA	
	6/26/2011	Pre	NA	12.25	ND	NA	
		Post		12.54	ND	NA	
	6/27/2011	Pre	NA	NG	ND	NA	
		Post		12.43	ND	NA	
	6/28/2011	Pre	NA	12.32	12.32	0.00	Sheen
		Post		7.41	7.41	0.00	Sheen
	6/29/2011	Pre	NA	11.31	ND	NA	
		Post		11.41	ND	NA	
	6/30/2011	Pre	NA	11.83	ND	NA	
		Post		11.91	ND	NA	
	7/1/2011	Pre	NA	12.04	ND	NA	
		Post		12.08	ND	NA	
	7/2/2011	Pre	NA	12.07	ND	NA	
		Post		12.19	ND	NA	
	7/3/2011	Pre	NA	12.21	ND	NA	
		Post		12.29	ND	NA	
	7/5/2011	Pre	NA	12.26	ND	NA	
		Post		12.30	ND	NA	
	7/6/2011	Pre	NA	12.36	ND	NA	
		Post		12.45	ND	NA	
	7/7/2011	Pre	NA	12.39	ND	NA	
		Post		12.50	ND	NA	
	7/8/2011	Pre	NA	12.44	ND	NA	
		Post		12.56	ND	NA	
	7/9/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/10/2011	Pre	NA	12.21	ND	NA	
		Post		12.30	ND	NA	
	7/11/2011	Pre	NA	12.38	ND	NA	
		Post		12.43	ND	NA	
	7/12/2011	Pre	NA	12.49	ND	NA	
		Post		12.61	ND	NA	
	7/13/2011	Pre	NA	12.70	ND	NA	
		Post		12.69	ND	NA	
	7/14/2011	Pre	NA	12.67	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		12.75	ND	NA	
	7/15/2011	Pre	NA	12.72	ND	NA	
		Post		13.03	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		NG	NA	NA	
	7/17/2011	Pre	NA	13.13	ND	NA	
		Post		Dry	ND	NA	
	7/18/2011	Pre	NA	13.14	ND	NA	
		Post		13.30	ND	NA	
	7/19/2011	Pre	NA	13.22	ND	NA	
		Post		13.29	ND	NA	
B-16	6/24/2011	Pre	NA	12.77	ND	NA	
		Post		12.80	ND	NA	
	6/25/2011	Pre	NA	12.90	ND	NA	
		Post		13.09	ND	NA	
	6/26/2011	Pre	NA	13.11	ND	NA	
		Post		13.21	ND	NA	
	6/27/2011	Pre	NA	13.07	ND	NA	
		Post		13.26	ND	NA	
	6/28/2011	Pre	NA	13.15	ND	NA	
		Post		12.64	ND	NA	
	6/29/2011	Pre	NA	12.76	ND	NA	
		Post		12.89	ND	NA	
	6/30/2011	Pre	NA	12.81	ND	NA	
		Post		13.05	ND	NA	
	7/1/2011	Pre	NA	13.91	ND	NA	
		Post		13.13	ND	NA	
	7/2/2011	Pre	NA	13.21	ND	NA	
		Post		13.26	ND	NA	
	7/3/2011	Pre	NA	13.05	ND	NA	
		Post		13.30	ND	NA	
	7/5/2011	Pre	NA	13.02	ND	NA	
		Post		13.23	ND	NA	
	7/6/2011	Pre	NA	13.25	ND	NA	
		Post		13.35	ND	NA	
	7/7/2011	Pre	NA	13.10	ND	NA	
		Post		13.40	ND	NA	
	7/8/2011	Pre	NA	13.12	ND	NA	
		Post		13.31	ND	NA	
	7/9/2011	Pre	NA	13.12	ND	NA	
		Post		13.36	ND	NA	
	7/10/2011	Pre	NA	13.48	ND	NA	
		Post		13.37	ND	NA	
	7/11/2011	Pre	NA	13.17	ND	NA	
		Post		13.41	ND	NA	
	7/12/2011	Pre	NA	13.17	ND	NA	
		Post		13.41	ND	NA	
	7/13/2011	Pre	NA	13.22	ND	NA	
		Post		13.45	ND	NA	
	7/14/2011	Pre	NA	13.41	ND	NA	
		Post		13.48	ND	NA	
	7/15/2011	Pre	NA	13.33	ND	NA	
		Post		13.51	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		14.15	ND	NA	
	7/17/2011	Pre	NA	14.08	ND	NA	
		Post		13.65	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/18/2011	Pre	NA	13.41	ND	NA	
		Post		13.78	ND	NA	
	7/19/2011	Pre	NA	13.41	ND	NA	
		Post		13.78	ND	NA	
B-17	6/24/2011	Pre	NA	10.89	ND	NA	
		Post		11.87	ND	NA	
	6/25/2011	Pre	NA	10.92	ND	NA	
		Post		11.02	ND	NA	
	6/26/2011	Pre	NA	11.01	ND	NA	
		Post		11.08	ND	NA	
	6/27/2011	Pre	NA	11.12	ND	NA	
		Post		11.23	ND	NA	
	6/28/2011	Pre	NA	11.09	ND	NA	
		Post		10.50	ND	NA	
	6/29/2011	Pre	NA	10.52	ND	NA	
		Post		10.61	ND	NA	
	6/30/2011	Pre	NA	10.76	ND	NA	
		Post		10.87	ND	NA	
	7/1/2011	Pre	NA	10.91	ND	NA	
		Post		11.00	ND	NA	
	7/2/2011	Pre	NA	11.04	ND	NA	
		Post		11.12	ND	NA	
	7/3/2011	Pre	NA	11.12	ND	NA	
		Post		11.22	ND	NA	
	7/5/2011	Pre	NA	11.13	ND	NA	
		Post		11.21	ND	NA	
	7/6/2011	Pre	NA	11.21	ND	NA	
		Post		NG	ND	NA	Well collapsed
	7/7/2011	Pre	NA	NG	ND	NA	
		Post		Dry	ND	NA	Well repaired
	7/8/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/9/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/10/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/11/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/12/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/13/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/14/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/15/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/16/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/17/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/18/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/19/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
B-18	6/24/2011	Pre	NA	10.49	ND	NA	
		Post		10.48	ND	NA	
	6/25/2011	Pre	NA	10.55	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		10.61	ND	NA	
	6/26/2011	Pre	NA	10.60	ND	NA	
		Post		10.62	ND	NA	
	6/27/2011	Pre	NA	10.61	ND	NA	
		Post		10.71	ND	NA	
	6/28/2011	Pre	NA	10.63	ND	NA	
		Post		10.27	ND	NA	
	6/29/2011	Pre	NA	10.21	ND	NA	
		Post		10.29	ND	NA	
	6/30/2011	Pre	NA	10.38	ND	NA	
		Post		10.46	ND	NA	
	7/1/2011	Pre	NA	10.98	ND	NA	
		Post		10.58	ND	NA	
	7/2/2011	Pre	NA	10.63	ND	NA	
		Post		10.68	ND	NA	
	7/3/2011	Pre	NA	10.65	ND	NA	
		Post		10.69	ND	NA	
	7/5/2011	Pre	NA	10.71	ND	NA	
		Post		10.74	ND	NA	
	7/6/2011	Pre	NA	10.74	ND	NA	
		Post		10.79	ND	NA	
	7/7/2011	Pre	NA	10.77	ND	NA	
		Post		10.86	ND	NA	
	7/8/2011	Pre	NA	10.76	ND	NA	
		Post		10.84	ND	NA	
	7/9/2011	Pre	NA	11.65	ND	NA	
		Post		10.73	ND	NA	
	7/10/2011	Pre	NA	10.70	ND	NA	
		Post		10.80	ND	NA	
	7/11/2011	Pre	NA	10.78	ND	NA	
		Post		10.83	ND	NA	
	7/12/2011	Pre	NA	10.79	ND	NA	
		Post		10.87	ND	NA	
	7/13/2011	Pre	NA	10.88	ND	NA	
		Post		10.89	ND	NA	
	7/14/2011	Pre	NA	10.90	ND	NA	
		Post		10.95	ND	NA	
	7/15/2011	Pre	NA	10.93	ND	NA	
		Post		NG	NA	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		11.11	ND	NA	
	7/17/2011	Pre	NA	11.13	ND	NA	
		Post		Dry	ND	NA	
	7/18/2011	Pre	NA	11.02	ND	NA	
		Post		11.16	ND	NA	
	7/19/2011	Pre	NA	11.03	ND	NA	
		Post		11.18	ND	NA	
B-19	6/24/2011	Pre	NA	7.03	ND	NA	
		Post		7.19	ND	NA	
	6/25/2011	Pre	NA	7.00	ND	NA	
		Post		7.04	ND	NA	
	6/26/2011	Pre	NA	7.06	ND	NA	
		Post		7.04	ND	NA	
	6/27/2011	Pre	NA	7.10	ND	NA	
		Post		7.02	ND	NA	
	6/28/2011	Pre	NA	7.11	ND	NA	
		Post		6.98	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	6/29/2011	Pre	NA	7.03	ND	NA	
		Post		7.03	ND	NA	
	6/30/2011	Pre	NA	7.05	ND	NA	
		Post		7.05	ND	NA	
	7/1/2011	Pre	NA	7.05	ND	NA	
		Post		7.07	ND	NA	
	7/2/2011	Pre	NA	7.10	ND	NA	
		Post		7.07	ND	NA	
	7/3/2011	Pre	NA	7.08	ND	NA	
		Post		7.20	ND	NA	
	7/5/2011	Pre	NA	7.08	ND	NA	
		Post		7.09	ND	NA	
	7/6/2011	Pre	NA	7.08	ND	NA	
		Post		7.10	ND	NA	
	7/7/2011	Pre	NA	7.14	ND	NA	
		Post		7.11	ND	NA	
	7/8/2011	Pre	NA	7.14	ND	NA	
		Post		7.13	ND	NA	
	7/9/2011	Pre	NA	7.09	ND	NA	
		Post		7.12	ND	NA	
	7/10/2011	Pre	NA	7.04	ND	NA	
		Post		7.03	ND	NA	
	7/11/2011	Pre	NA	NG	ND	NA	
		Post		Dry	ND	NA	
	7/12/2011	Pre	NA	11.59	ND	NA	
		Post		Dry	ND	NA	
	7/13/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/14/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/15/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/16/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/17/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/18/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/19/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
B-20	6/24/2011	Pre	NA	4.36	ND	NA	
		Post		11.76	ND	NA	
	6/25/2011	Pre	NA	10.63	ND	NA	
		Post		10.79	ND	NA	
	6/26/2011	Pre	NA	10.69	ND	NA	
		Post		10.70	ND	NA	
	6/27/2011	Pre	NA	10.48	ND	NA	
		Post		10.64	ND	NA	
	6/28/2011	Pre	NA	10.95	ND	NA	
		Post		12.15	ND	NA	
	6/29/2011	Pre	NA	12.12	ND	NA	
		Post		12.28	ND	NA	
	6/30/2011	Pre	NA	12.22	ND	NA	
		Post		12.42	ND	NA	
	7/1/2011	Pre	NA	12.36	ND	NA	
		Post		12.51	ND	NA	
	7/2/2011	Pre	NA	12.53	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		12.65	ND	NA	
	7/3/2011	Pre	NA	12.44	ND	NA	
		Post		12.69	ND	NA	
	7/5/2011	Pre	NA	12.48	ND	NA	
		Post		12.61	ND	NA	
	7/6/2011	Pre	NA	12.64	ND	NA	
		Post		12.78	ND	NA	
	7/7/2011	Pre	NA	12.65	ND	NA	
		Post		12.84	ND	NA	
	7/8/2011	Pre	NA	12.59	ND	NA	
		Post		12.76	ND	NA	
	7/9/2011	Pre	NA	12.53	ND	NA	
		Post		12.71	ND	NA	
	7/10/2011	Pre	NA	12.58	ND	NA	
		Post		12.78	ND	NA	
	7/11/2011	Pre	NA	12.69	ND	NA	
		Post		12.78	ND	NA	
	7/12/2011	Pre	NA	12.63	ND	NA	
		Post		12.82	ND	NA	
	7/13/2011	Pre	NA	12.71	ND	NA	
		Post		12.83	ND	NA	
	7/14/2011	Pre	NA	12.79	ND	NA	
		Post		12.91	ND	NA	
	7/15/2011	Pre	NA	12.82	ND	NA	
		Post		12.91	ND	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		13.34	ND	NA	
	7/17/2011	Pre	NA	13.30	ND	NA	
		Post		13.08	ND	NA	
	7/18/2011	Pre	NA	12.80	ND	NA	
		Post		13.18	ND	NA	
	7/19/2011	Pre	NA	13.87	ND	NA	
		Post		13.20	ND	NA	
B-21	6/24/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	6/25/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	6/26/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	6/27/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	6/28/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	6/29/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	6/30/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/1/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/2/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/3/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/5/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/6/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/7/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/8/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/9/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/10/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/11/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/12/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/13/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/13/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/15/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/16/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/17/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/18/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	7/19/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
B-22	6/24/2011	Pre	NA	13.74	13.38	0.36	
		Post		13.27	13.27	0.00	Sheen
	6/25/2011	Pre	Hand-Bail	13.18	12.41	0.77	
		Post		14.00	13.95	0.05	
	6/26/2011	Pre	Hand-Bail	13.82	13.69	0.13	
		Post		13.85	13.73	0.12	
	6/27/2011	Pre	NA	13.35	ND	NA	
		Post		14.28	13.74	0.54	
	6/28/2011	Pre	NA	13.60	13.35	0.25	
		Post		12.66	12.27	0.39	
	6/29/2011	Pre	NA	13.25	12.33	0.92	
		Post		13.71	13.15	0.56	
	6/30/2011	Pre	NA	14.13	12.63	1.50	
		Post		13.73	12.60	1.13	
	7/1/2011	Pre	Hand-Bail	14.93	11.62	3.31	
		Post		13.37	12.52	0.85	
	7/2/2011	Pre	Hand-Bail	13.93	11.41	2.52	
		Post		12.86	12.25	0.61	
	7/3/2011	Pre	NA	NG	NG	NA	
		Post		12.80	12.50	0.30	
	7/5/2011	Pre	Hand-Bail	14.86	12.24	2.62	
		Post		13.76	ND	NA	
	7/6/2011	Pre	Hand-Bail	14.36	11.38	2.98	
		Post		14.17	13.14	NA	
	7/7/2011	Pre	Hand-Bail	14.84	11.35	3.49	
		Post		14.81	13.71	1.10	
	7/8/2011	Pre	Hand-Bail	13.57	11.65	1.92	
		Post		15.04	14.03	1.01	
	7/9/2011	Pre	Hand-Bail	15.26	12.58	2.68	
		Post		15.62	12.58	3.04	
	7/10/2011	Pre	Hand-Bail	14.83	11.97	2.86	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		17.67	12.05	5.62	
	7/11/2011	Pre	Hand-Bail	18.25	11.34	6.91	
		Post		15.34	14.28	1.06	
	7/12/2011	Pre	Hand-Bail	15.33	11.94	3.39	
		Post		14.91	13.82	1.09	
	7/13/2011	Pre	Hand-Bail	14.12	12.06	2.06	
		Post		15.69	14.84	0.85	
	7/14/2011	Pre	Hand-Bail	15.19	12.19	3.00	
		Post		15.54	14.75	0.79	
	7/15/2011	Pre	Hand-Bail	15.22	12.21	3.01	
		Post		NG	NA	NA	
	7/16/2011	Pre	NA	NG	NA	NA	
		Post		NG	NA	NA	
	7/17/2011	Pre	Hand-Bail	17.65	11.85	5.80	
		Post		16.75	14.65	2.10	
	7/18/2011	Pre	Hand-Bail	16.31	12.05	4.26	
		Post		15.75	14.76	0.99	
	7/19/2011	Pre	Hand-Bail	15.64	12.39	3.25	
		Post		15.37	13.93	1.44	
B-23	6/24/2011	Pre	NA	6.91	ND	NA	
		Post		6.85	ND	NA	
	6/25/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/26/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/27/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/28/2011	Pre	NA	6.91	ND	NA	
		Post		6.86	ND	NA	
	6/29/2011	Pre	NA	Dry	ND	NA	
		Post		6.93	ND	NA	
	6/30/2011	Pre	NA	6.92	ND	NA	
		Post		6.94	ND	NA	
	7/1/2011	Pre	NA	6.96	ND	NA	
		Post		6.96	ND	NA	
	7/2/2011	Pre	NA	6.93	ND	NA	
		Post		6.96	ND	NA	
	7/3/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/5/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/6/2011	Pre	NA	6.91	ND	NA	
		Post		6.92	ND	NA	
	7/7/2011	Pre	NA	6.93	ND	NA	
		Post		6.94	ND	NA	
	7/8/2011	Pre	NA	6.93	ND	NA	
		Post		6.94	ND	NA	
	7/9/2011	Pre	NA	6.93	ND	NA	
		Post		6.94	ND	NA	
	7/10/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/11/2011	Pre	NA	6.87	ND	NA	
		Post		6.82	ND	NA	
	7/12/2011	Pre	NA	6.88	ND	NA	
		Post		6.88	ND	NA	
	7/13/2011	Pre	NA	6.89	ND	NA	
		Post		6.89	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
	7/14/2011	Pre	NA	6.91	ND	NA	
		Post		6.91	ND	NA	
	7/15/2011	Pre	NA	6.92	ND	NA	
		Post		6.92	ND	NA	
	7/16/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/17/2011	Pre	NA	Dry	ND	NA	
		Post		7.92	ND	NA	
	7/18/2011	Pre	NA	NG	NA	NA	
		Post		6.95	ND	NA	
	7/19/2011	Pre	NA	6.95	ND	NA	
		Post		6.99	ND	NA	
B-24	6/24/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/25/2011	Pre	NA	NG	ND	NA	
		Post		NG	ND	NA	
	6/26/2011	Pre	NA	Dry	ND	NA	
		Post		NG	ND	NA	
	6/27/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/28/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/29/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	6/30/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/1/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/2/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/3/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/5/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/6/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/7/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/8/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/9/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/10/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/11/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/12/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/13/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/14/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/15/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/16/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/17/2011	Pre	NA	Dry	ND	NA	

Table 1 - Temporary Piezometer Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanic Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	LPH Thickness	Comments
		Post		Dry	ND	NA	
	7/18/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	
	7/19/2011	Pre	NA	Dry	ND	NA	
		Post		Dry	ND	NA	

LPH = Liquid Phase Hydrocarbon
ND = None Detected
NA = Not Applicable
NG = Not Gauged
NM = Not Measured

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
MW-1	6/13/2011	Pre	NA	9.60	ND	94.56	84.96	NA	NA	NA	
		Post		9.81	ND	94.56	84.75	NA	NA	NA	
	6/14/2011	Pre	NA	9.64	ND	94.56	84.92	NA	NA	NA	
		Post		9.86	ND	94.56	84.70	NA	NA	NA	
	6/15/2011	Pre	NA	9.68	ND	94.56	84.88	NA	NA	NA	
		Post		9.91	ND	94.56	84.65	NA	NA	NA	
	6/16/2011	Pre	NA	9.74	ND	94.56	84.82	NA	NA	NA	
		Post		9.85	ND	94.56	84.71	NA	NA	NA	
	6/17/2011	Pre	NA	9.58	ND	94.56	84.98	NA	NA	NA	
		Post		9.74	ND	94.56	84.82	NA	NA	NA	
	6/18/2011	Pre	NA	9.51	ND	94.56	85.05	NA	NA	NA	
		Post		9.68	ND	94.56	84.88	NA	NA	NA	
	6/19/2011	Pre	NA	9.56	ND	94.56	85.00	NA	NA	NA	
		Post		9.81	ND	94.56	84.75	NA	NA	NA	
	6/20/2011	Pre	NA	9.68	ND	94.56	84.88	NA	NA	NA	
		Post		9.85	ND	94.56	84.71	NA	NA	NA	
	6/21/2011	Pre	NA	9.72	ND	94.56	84.84	NA	NA	NA	
		Post		9.83	ND	94.56	84.73	NA	NA	NA	
	6/22/2011	Pre	NA	9.76	ND	94.56	84.80	NA	NA	NA	
		Post		9.98	ND	94.56	84.58	NA	NA	NA	
	6/23/2011	Pre	NA	9.68	ND	94.56	84.88	NA	NA	NA	
		Post		9.91	ND	94.56	84.65	NA	NA	NA	
	6/24/2011	Pre	NA	9.71	ND	94.56	84.85	NA	NA	NA	
		Post		9.69	ND	94.56	84.87	NA	NA	NA	
	6/25/2011	Pre	NA	9.79	ND	94.56	84.77	NA	NA	NA	
		Post		9.93	ND	94.56	84.63	NA	NA	NA	
	6/26/2011	Pre	NA	9.83	ND	94.56	84.73	NA	NA	NA	
		Post		9.93	ND	94.56	84.63	NA	NA	NA	
	6/27/2011	Pre	NA	9.85	ND	94.56	84.71	NA	NA	NA	
		Post		10.07	ND	94.56	84.49	NA	NA	NA	
	6/28/2011	Pre	NA	9.84	ND	94.56	84.72	NA	NA	NA	
		Post		9.71	ND	94.56	84.85	NA	NA	NA	
	6/29/2011	Pre	NA	9.50	ND	94.56	85.06	NA	NA	NA	
		Post		9.73	ND	94.56	84.83	NA	NA	NA	
	6/30/2011	Pre	NA	9.66	ND	94.56	84.90	NA	NA	NA	
		Post		9.84	ND	94.56	84.72	NA	NA	NA	
	7/1/2011	Pre	NA	9.76	ND	94.56	84.80	NA	NA	NA	
		Post		9.94	ND	94.56	84.62	NA	NA	NA	
	7/2/2011	Pre	NA	9.87	ND	94.56	84.69	NA	NA	NA	
		Post		10.03	ND	94.56	84.53	NA	NA	NA	
	7/3/2011	Pre	NA	9.90	ND	94.56	84.66	NA	NA	NA	
		Post		10.00	ND	94.56	84.56	NA	NA	NA	
	7/5/2011	Pre	NA	9.91	ND	94.56	84.65	NA	NA	NA	
		Post		10.04	ND	94.56	84.52	NA	NA	NA	
	7/6/2011	Pre	NA	9.94	ND	94.56	84.62	NA	NA	NA	
		Post		10.19	ND	94.56	84.37	NA	NA	NA	

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
	7/7/2011	Pre	NA	9.99	ND	94.56	84.57	NA	NA	NA	
		Post		10.20	ND	94.56	84.36	NA	NA	NA	
	7/8/2011	Pre	NA	9.99	ND	94.56	84.57	NA	NA	NA	
		Post		10.17	ND	94.56	84.39	NA	NA	NA	
	7/9/2011	Pre	NA	9.99	ND	94.56	84.57	NA	NA	NA	
		Post		10.10	ND	94.56	84.46	NA	NA	NA	
	7/10/2011	Pre	NA	10.01	ND	94.56	84.55	NA	NA	NA	
		Post		10.15	ND	94.56	84.41	NA	NA	NA	
	7/11/2011	Pre	NA	10.03	ND	94.56	84.53	NA	NA	NA	
		Post		10.19	ND	94.56	84.37	NA	NA	NA	
	7/12/2011	Pre	NA	10.03	ND	94.56	84.53	NA	NA	NA	
		Post		10.21	ND	94.56	84.35	NA	NA	NA	
	7/13/2011	Pre	NA	10.10	ND	94.56	84.46	NA	NA	NA	
		Post		10.23	ND	94.56	84.33	NA	NA	NA	
	7/14/2011	Pre	NA	10.13	ND	94.56	84.43	NA	NA	NA	
		Post		10.31	ND	94.56	84.25	NA	NA	NA	
	7/15/2011	Pre	NA	10.18	ND	94.56	84.38	NA	NA	NA	
		Post		10.28	ND	94.56	84.28	NA	NA	NA	
	7/16/2011	Pre	NA	10.20	ND	94.56	84.36	NA	NA	NA	
		Post		10.60	ND	94.56	83.96	NA	NA	NA	
	7/17/2011	Pre	NA	10.36	ND	94.56	84.20	NA	NA	NA	
		Post		10.62	ND	94.56	83.94	NA	NA	NA	
	7/18/2011	Pre	NA	10.25	ND	94.56	84.31	NA	NA	NA	
		Post		10.54	ND	94.56	84.02	NA	NA	NA	
	7/19/2011	Pre	NA	10.26	ND	94.56	84.30	NA	NA	NA	
		Post		10.61	ND	94.56	83.95	NA	NA	NA	
MW-2	6/13/2011	Pre	NA	10.92	ND	94.56	83.64	NA	NA	NA	
		Post		11.12	ND	95.86	84.74	NA	NA	NA	
	6/14/2011	Pre	NA	10.96	ND	95.86	84.90	NA	NA	NA	
		Post		11.18	ND	95.86	84.68	NA	NA	NA	
	6/15/2011	Pre	NA	11.00	ND	95.86	84.86	NA	NA	NA	
		Post		11.22	ND	95.86	84.64	NA	NA	NA	
	6/16/2011	Pre	NA	11.05	ND	95.86	84.81	NA	NA	NA	
		Post		11.19	ND	95.86	84.67	NA	NA	NA	
	6/17/2011	Pre	NA	10.91	ND	95.86	84.95	NA	NA	NA	
		Post		11.08	ND	95.86	84.78	NA	NA	NA	
	6/18/2011	Pre	NA	10.85	ND	95.86	85.01	NA	NA	NA	
		Post		11.04	ND	95.86	84.82	NA	NA	NA	
	6/19/2011	Pre	NA	10.89	ND	95.86	84.97	NA	NA	NA	
		Post		11.11	ND	95.86	84.75	NA	NA	NA	
	6/20/2011	Pre	NA	10.99	ND	95.86	84.87	NA	NA	NA	
		Post		11.20	ND	95.86	84.66	NA	NA	NA	
	6/21/2011	Pre	NA	11.00	ND	95.86	84.86	NA	NA	NA	
		Post		11.17	ND	95.86	84.69	NA	NA	NA	
	6/22/2011	Pre	NA	11.08	ND	95.86	84.78	NA	NA	NA	
		Post		11.30	ND	95.86	84.56	NA	NA	NA	

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
	6/23/2011	Pre	NA	11.13	ND	95.86	84.73	NA	NA	NA	
		Post		11.24	ND	95.86	84.62	NA	NA	NA	
	6/24/2011	Pre	NA	11.01	ND	95.86	84.85	NA	NA	NA	
		Post		11.02	ND	95.86	84.84	NA	NA	NA	
	6/25/2011	Pre	NA	11.10	ND	95.86	84.76	NA	NA	NA	
		Post		11.25	ND	95.86	84.61	NA	NA	NA	
	6/26/2011	Pre	NA	11.16	ND	95.86	84.70	NA	NA	NA	
		Post		11.28	ND	95.86	84.58	NA	NA	NA	
	6/27/2011	Pre	NA	11.17	ND	95.86	84.69	NA	NA	NA	
		Post		11.43	ND	95.86	84.43	NA	NA	NA	
	6/28/2011	Pre	NA	11.17	ND	95.86	84.69	NA	NA	NA	
		Post		11.10	ND	95.86	84.76	NA	NA	NA	
	6/29/2011	Pre	NA	10.87	ND	95.86	84.99	NA	NA	NA	
		Post		11.10	ND	95.86	84.76	NA	NA	NA	
	6/30/2011	Pre	NA	11.01	ND	95.86	84.85	NA	NA	NA	
		Post		11.21	ND	95.86	84.65	NA	NA	NA	
	7/1/2011	Pre	NA	11.09	ND	95.86	84.77	NA	NA	NA	
		Post		11.30	ND	95.86	84.56	NA	NA	NA	
	7/2/2011	Pre	NA	11.19	ND	95.86	84.67	NA	NA	NA	
		Post		11.40	ND	95.86	84.46	NA	NA	NA	
	7/3/2011	Pre	NA	11.17	ND	95.86	84.69	NA	NA	NA	
		Post		11.35	ND	95.86	84.51	NA	NA	NA	
	7/5/2011	Pre	NA	11.74	ND	95.86	84.12	NA	NA	NA	
		Post		11.37	ND	95.86	84.49	NA	NA	NA	
	7/6/2011	Pre	NA	11.29	ND	95.86	84.57	NA	NA	NA	
		Post		11.54	ND	95.86	84.32	NA	NA	NA	
	7/7/2011	Pre	NA	11.33	ND	95.86	84.53	NA	NA	NA	
		Post		11.56	ND	95.86	84.30	NA	NA	NA	
	7/8/2011	Pre	NA	11.37	ND	95.86	84.49	NA	NA	NA	
		Post		11.52	ND	95.86	84.34	NA	NA	NA	
	7/9/2011	Pre	NA	11.11	ND	95.86	84.75	NA	NA	NA	
		Post		11.42	ND	95.86	84.44	NA	NA	NA	
	7/10/2011	Pre	NA	11.31	ND	95.86	84.55	NA	NA	NA	
		Post		11.52	ND	95.86	84.34	NA	NA	NA	
	7/11/2011	Pre	NA	11.36	ND	95.86	84.50	NA	NA	NA	
		Post		11.54	ND	95.86	84.32	NA	NA	NA	
	7/12/2011	Pre	NA	11.38	ND	95.86	84.48	NA	NA	NA	
		Post		11.59	ND	95.86	84.27	NA	NA	NA	
	7/13/2011	Pre	NA	11.44	ND	95.86	84.42	NA	NA	NA	
		Post		11.59	ND	95.86	84.27	NA	NA	NA	
	7/14/2011	Pre	NA	11.49	ND	95.86	84.37	NA	NA	NA	
		Post		11.68	ND	95.86	84.18	NA	NA	NA	
	7/15/2011	Pre	NA	11.53	ND	95.86	84.33	NA	NA	NA	
		Post		11.65	ND	95.86	84.21	NA	NA	NA	
	7/16/2011	Pre	NA	11.56	ND	95.86	84.30	NA	NA	NA	
		Post		11.97	ND	95.86	83.89	NA	NA	NA	

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
	7/17/2011	Pre	NA	12.68	ND	95.86	83.18	NA	NA	NA	
		Post		12.31	ND	95.86	83.55	NA	NA	NA	
	7/18/2011	Pre	NA	11.60	ND	95.86	84.26	NA	NA	NA	
		Post		11.95	ND	95.86	83.91	NA	NA	NA	
	7/19/2011	Pre	NA	11.63	ND	95.86	84.23	NA	NA	NA	
		Post		12.06	ND	95.86	83.80	NA	NA	NA	
MW-3	6/13/2011	Pre	Vac-Truck	13.65	11.90	97.75	84.10	85.85	85.33	1.75	
		Post		13.14	ND	97.75	84.61	NA	NA	NA	
	6/14/2011	Pre	Vac-Truck	13.00	12.45	97.75	84.75	85.30	85.14	0.55	
		Post		13.61	ND	97.75	84.14	NA	NA	NA	
	6/15/2011	Pre	Vac-Truck	13.01	12.46	97.75	84.74	85.29	85.13	0.55	
		Post		13.15	ND	97.75	84.60	NA	NA	NA	
	6/16/2011	Pre	Vac-Truck	13.08	12.52	97.75	84.67	85.23	85.06	0.56	
		Post		13.02	ND	97.75	84.73	NA	NA	NA	
	6/17/2011	Pre	Vac-Truck	12.76	12.40	97.75	84.99	85.35	85.24	0.36	
		Post		12.87	ND	97.75	84.88	NA	NA	NA	
	6/18/2011	Pre	Vac-Truck	12.69	12.34	97.75	85.06	85.41	85.31	0.35	
		Post		12.70	ND	97.75	85.05	NA	NA	NA	
	6/19/2011	Pre	Vac-Truck	12.76	12.39	97.75	84.99	85.36	85.25	0.37	
		Post		12.98	ND	97.75	84.77	NA	NA	NA	
	6/20/2011	Pre	Vac-Truck	12.90	12.49	97.75	84.85	85.26	85.14	0.41	
		Post		12.84	ND	97.75	84.91	NA	NA	NA	
	6/21/2011	Pre	Vac-Truck	12.71	12.53	97.75	85.04	85.22	85.17	0.18	
		Post		13.25	ND	97.75	84.50	NA	NA	NA	
	6/22/2011	Pre	Vac-Truck	12.93	12.58	97.75	84.82	85.17	85.07	0.35	
		Post		13.01	ND	97.75	84.74	NA	NA	NA	
	6/23/2011	Pre	Vac-Truck	12.86	12.80	97.75	84.89	84.95	84.93	0.06	
		Post		13.29	ND	97.75	84.46	NA	NA	NA	
	6/24/2011	Pre	Vac-Truck	12.95	12.83	97.75	84.80	84.92	84.88	0.12	
		Post		12.80	ND	97.75	84.95	NA	NA	NA	
	6/25/2011	Pre	Vac-Truck	12.70	12.65	97.75	85.05	85.10	85.09	0.05	
		Post		12.90	ND	97.75	84.85	NA	NA	NA	
	6/26/2011	Pre	Vac-Truck	12.88	12.69	97.75	84.87	85.06	85.00	0.19	
		Post		13.08	ND	97.75	84.67	NA	NA	NA	
	6/27/2011	Pre	Vac-Truck	12.87	12.71	97.75	84.88	85.04	84.99	0.16	
		Post		13.46	ND	97.75	84.29	NA	NA	NA	
	6/28/2011	Pre	Vac-Truck	12.92	12.69	97.75	84.83	85.06	84.99	0.23	
		Post		13.41	ND	97.75	84.34	NA	NA	NA	
	6/29/2011	Pre	Vac-Truck	12.53	12.38	97.75	85.22	85.37	85.33	0.15	
		Post		12.93	ND	97.75	84.82	NA	NA	NA	
	6/30/2011	Pre	Vac-Truck	12.79	12.51	97.75	84.96	85.24	85.16	0.28	
		Post		13.10	ND	97.75	84.65	NA	NA	NA	
	7/1/2011	Pre	Vac-Truck	12.88	12.59	97.75	84.87	85.16	85.07	0.29	
		Post		13.13	ND	97.75	84.62	NA	NA	NA	
	7/2/2011	Pre	Vac-Truck	12.94	12.68	97.75	84.81	85.07	84.99	0.26	
		Post		13.29	ND	97.75	84.46	NA	NA	NA	

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
	7/3/2011	Pre	Vac-Truck	12.95	12.70	97.75	84.80	85.05	84.98	0.25	
		Post		13.09	ND	97.75	84.66	NA	NA	NA	
	7/5/2011	Pre	Vac-Truck	12.99	12.75	94.56	81.57	81.81	81.74	0.24	
		Post		13.10	ND	94.56	81.46	NA	NA	NA	
	7/6/2011	Pre	Vac-Truck	13.01	12.80	94.56	81.55	81.76	81.70	0.21	
		Post		13.43	ND	94.56	81.13	NA	NA	NA	
	7/7/2011	Pre	Vac-Truck	13.09	12.81	94.56	81.47	81.75	81.67	0.28	
		Post		13.33	ND	94.56	81.23	NA	NA	NA	
	7/8/2011	Pre	Vac-Truck	13.07	12.82	94.56	81.49	81.74	81.67	0.25	
		Post		13.38	ND	94.56	81.18	NA	NA	NA	
	7/9/2011	Pre	Vac-Truck	13.69	12.92	94.56	80.87	81.64	81.41	0.77	
		Post		13.16	ND	94.56	81.40	NA	NA	NA	
	7/10/2011	Pre	Vac-Truck	13.05	NG	94.56	81.51	NA	NA	NA	
		Post		13.13	13.05	94.56	81.43	81.51	81.49	0.08	
	7/11/2011	Pre	Vac-Truck	13.06	12.87	94.56	81.50	81.69	81.63	0.19	
		Post		13.30	ND	94.56	81.26	NA	NA	NA	
	7/12/2011	Pre	Vac-Truck	12.99	12.91	94.56	81.57	81.65	81.63	0.08	
		Post		13.36	ND	94.56	81.20	NA	NA	NA	
	7/13/2011	Pre	Vac-Truck	13.12	12.96	94.56	81.44	81.60	81.55	0.16	
		Post		13.33	ND	94.56	81.23	NA	NA	NA	
	7/14/2011	Pre	Vac-Truck	13.14	13.02	94.56	81.42	81.54	81.50	0.12	
		Post		13.46	ND	94.56	81.10	NA	NA	NA	
	7/15/2011	Pre	Vac-Truck	13.13	13.04	94.56	81.43	81.52	81.49	0.09	
		Post		13.43	ND	94.56	81.13	NA	NA	NA	
	7/16/2011	Pre	Vac-Truck	13.10	13.04	94.56	81.46	81.52	81.50	0.06	
		Post		13.67	ND	94.56	80.89	NA	NA	NA	
	7/17/2011	Pre	Vac-Truck	13.16	13.12	94.56	81.40	81.44	81.43	0.04	
		Post		13.47	ND	94.56	81.09	NA	NA	NA	
	7/18/2011	Pre	Vac-Truck	NG	NG	94.56	NA	NA	NA	NA	
		Post		13.80	ND	94.56	80.76	NA	NA	NA	
	7/19/2011	Pre	NA	13.15	ND	94.56	81.41	NA	NA	NA	
		Post		13.62	ND	94.56	80.94	NA	NA	NA	
MW-4	7/16/2011	Pre	NA	12.16	ND	NM	NM	NA	NA	NA	
		Post		12.72	ND	NM	NM	NA	NA	NA	
	7/17/2011	Pre	NA	12.20	ND	NM	NM	NA	NA	NA	
		Post		12.78	ND	NM	NM	NA	NA	NA	
	7/18/2011	Pre	NA	12.49	ND	NM	NM	NA	NA	NA	
		Post		12.54	ND	NM	NM	NA	NA	NA	
	7/19/2011	Pre	NA	12.21	ND	NM	NM	NA	NA	NA	
		Post		12.54	ND	NM	NM	NA	NA	NA	
MW-5	7/16/2011	Pre	NA	13.61	ND	NM	NM	NA	NA	NA	
		Post		14.06	ND	NM	NM	NA	NA	NA	
	7/17/2011	Pre	NA	13.65	ND	NM	NM	NA	NA	NA	
		Post		14.17	ND	NM	NM	NA	NA	NA	
	7/18/2011	Pre	NA	13.71	ND	NM	NM	NA	NA	NA	
		Post		14.10	ND	NM	NM	NA	NA	NA	

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
	7/19/2011	Pre	NA	13.66	ND	NM	NM	NA	NA	NA	
		Post		14.05	ND	NM	NM	NA	NA	NA	
MW-6	7/19/2011	Pre	NA	14.28	ND	NM	NM	NA	NA	NA	
		Post		NG	NG	NM	NM	NA	NA	NA	
RW-1	7/16/2011	Pre	Vac-Truck	12.18	12.10	NM	NM	NM	NM	0.08	
		Post		12.68	ND	NM	NM	NM	NM	NA	
	7/17/2011	Pre	Vac-Truck	12.17	ND	NM	NM	NM	NM	NA	
		Post		12.42	ND	NM	NM	NM	NM	NA	
	7/18/2011	Pre	Vac-Truck	12.16	ND	NM	NM	NM	NM	NA	
		Post		12.78	ND	NM	NM	NM	NM	NA	
	7/19/2011	Pre	Vac-Truck	12.18	ND	NM	NM	NA	NA	NA	
		Post		NG	NG	NM	NM	NA	NA	NA	
RW-2	7/16/2011	Pre	Vac-Truck	12.57	12.27	NM	NM	NM	NM	0.30	
		Post		12.96	12.96	NM	NM	NM	NM	0.00	Sheen
	7/17/2011	Pre	Vac-Truck	12.48	12.36	NM	NM	NM	NM	0.12	
		Post		12.75	12.73	NM	NM	NM	NM	0.02	
	7/18/2011	Pre	Vac-Truck	12.48	12.46	NM	NM	NM	NM	0.02	
		Post		13.16	ND	NM	NM	NM	NM	NA	
	7/19/2011	Pre	Vac-Truck	12.44	12.41	NM	NM	NA	NA	0.03	
		Post		NG	NG	NM	NM	NA	NA	NA	
RW-3	7/16/2011	Pre	Vac-Truck	13.68	13.68	NM	NM	NM	NM	0.00	Sheen
		Post		14.15	14.15	NM	NM	NM	NM	0.00	Sheen
	7/17/2011	Pre	Vac-Truck	13.70	ND	NM	NM	NM	NM	NA	
		Post		14.21	ND	NM	NM	NM	NM	NA	
	7/18/2011	Pre	Vac-Truck	13.69	ND	NM	NM	NM	NM	NA	
		Post		14.42	ND	NM	NM	NM	NM	NA	
	7/19/2011	Pre	Vac-Truck	13.71	ND	NM	NM	NA	NA	NA	
		Post		14.86	ND	NM	NM	NA	NA	NA	
RW-4	7/19/2011	Pre	Vac-Truck	13.76	ND	NM	NM	NA	NA	NA	
		Post		NG	NG	NM	NM	NA	NA	NA	
RW-5	7/19/2011	Pre	Vac-Truck	11.72	ND	NM	NM	NA	NA	NA	
		Post		NG	NG	NM	NM	NA	NA	NA	
RW-6	7/19/2011	Pre	Vac-Truck	NG	ND	NM	NM	NA	NA	NA	
		Post		13.42	ND	NM	NM	NA	NA	NA	
TP-1	6/13/2011	Pre	NA	9.70	ND	NM	NM	NA	NA	NA	
		Post		9.77	ND	NM	NM	NA	NA	NA	
	6/14/2011	Pre	NA	9.83	ND	NM	NM	NA	NA	NA	
		Post		9.88	ND	NM	NM	NA	NA	NA	
	6/15/2011	Pre	NA	9.92	ND	NM	NM	NA	NA	NA	
		Post		9.96	ND	NM	NM	NA	NA	NA	
	6/16/2011	Pre	NA	10.00	ND	NM	NM	NA	NA	NA	
		Post		10.02	ND	NM	NM	NA	NA	NA	
	6/17/2011	Pre	NA	9.07	ND	NM	NM	NA	NA	NA	
		Post		9.22	ND	NM	NM	NA	NA	NA	
	6/18/2011	Pre	NA	9.11	ND	NM	NM	NA	NA	NA	
		Post		9.23	ND	NM	NM	NA	NA	NA	

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
	6/19/2011	Pre	NA	9.49	ND	NM	NM	NA	NA	NA	
		Post		9.57	ND	NM	NM	NA	NA	NA	
	6/20/2011	Pre	NA	9.73	ND	NM	NM	NA	NA	NA	
		Post		9.83	ND	NM	NM	NA	NA	NA	
	6/21/2011	Pre	NA	9.75	ND	NM	NM	NA	NA	NA	
		Post		9.84	ND	NM	NM	NA	NA	NA	
	6/22/2011	Pre	NA	9.91	ND	NM	NM	NA	NA	NA	
		Post		9.96	ND	NM	NM	NA	NA	NA	
	6/23/2011	Pre	NA	9.71	ND	NM	NM	NA	NA	NA	
		Post		9.77	ND	NM	NM	NA	NA	NA	
	6/24/2011	Pre	NA	9.58	ND	NM	NM	NA	NA	NA	
		Post		9.61	ND	NM	NM	NA	NA	NA	
	6/25/2011	Pre	NA	9.80	ND	NM	NM	NA	NA	NA	
		Post		9.86	ND	NM	NM	NA	NA	NA	
	6/26/2011	Pre	NA	9.92	ND	NM	NM	NA	NA	NA	
		Post		9.96	ND	NM	NM	NA	NA	NA	
	6/27/2011	Pre	NA	10.03	ND	NM	NM	NA	NA	NA	
		Post		10.08	ND	NM	NM	NA	NA	NA	
	6/28/2011	Pre	NA	10.11	ND	NM	NM	NA	NA	NA	
		Post		7.85	ND	NM	NM	NA	NA	NA	
	6/29/2011	Pre	NA	8.81	ND	NM	NM	NA	NA	NA	
		Post		9.03	ND	NM	NM	NA	NA	NA	
	6/30/2011	Pre	NA	9.44	ND	NM	NM	NA	NA	NA	
		Post		9.54	ND	NM	NM	NA	NA	NA	
	7/1/2011	Pre	NA	10.06	ND	NM	NM	NA	NA	NA	
		Post		10.07	ND	NM	NM	NA	NA	NA	
	7/2/2011	Pre	NA	9.94	ND	NM	NM	NA	NA	NA	
		Post		10.00	ND	NM	NM	NA	NA	NA	
	7/3/2011	Pre	NA	9.74	ND	NM	NM	NA	NA	NA	
		Post		9.83	ND	NM	NM	NA	NA	NA	
	7/5/2011	Pre	NA	10.13	ND	NM	NM	NA	NA	NA	
		Post		10.16	ND	NM	NM	NA	NA	NA	
	7/6/2011	Pre	NA	10.19	ND	NM	NM	NA	NA	NA	
		Post		10.23	ND	NM	NM	NA	NA	NA	
	7/7/2011	Pre	NA	10.26	ND	NM	NM	NA	NA	NA	
		Post		10.28	ND	NM	NM	NA	NA	NA	
	7/8/2011	Pre	NA	10.17	ND	NM	NM	NA	NA	NA	
		Post		10.21	ND	NM	NM	NA	NA	NA	
	7/9/2011	Pre	NA	NG	ND	NM	NM	NA	NA	NA	
		Post		NG	ND	NM	NM	NA	NA	NA	
	7/10/2011	Pre	NA	9.97	ND	NM	NM	NA	NA	NA	
		Post		10.08	ND	NM	NM	NA	NA	NA	
	7/11/2011	Pre	NA	10.13	ND	NM	NM	NA	NA	NA	
		Post		10.18	ND	NM	NM	NA	NA	NA	
	7/12/2011	Pre	NA	10.21	ND	NM	NM	NA	NA	NA	
		Post		10.26	ND	NM	NM	NA	NA	NA	

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
	7/13/2011	Pre	NA	10.31	ND	NM	NM	NA	NA	NA	
		Post		10.33	ND	NM	NM	NA	NA	NA	
	7/14/2011	Pre	NA	10.37	ND	NM	NM	NA	NA	NA	
		Post		10.40	ND	NM	NM	NA	NA	NA	
	7/15/2011	Pre	NA	10.42	ND	NM	NM	NA	NA	NA	
		Post		10.44	ND	NM	NM	NA	NA	NA	
	7/16/2011	Pre	NA	10.46	ND	NM	NM	NA	NA	NA	
		Post		10.53	ND	NM	NM	NA	NA	NA	
	7/17/2011	Pre	NA	10.55	ND	NM	NM	NA	NA	NA	
		Post		10.61	ND	NM	NM	NA	NA	NA	
	7/18/2011	Pre	NA	10.59	ND	NM	NM	NA	NA	NA	
		Post		10.68	ND	NM	NM	NA	NA	NA	
	7/19/2011	Pre	NA	10.64	ND	NM	NM	NA	NA	NA	
		Post		10.70	ND	NM	NM	NA	NA	NA	
TP-2	6/13/2011	Pre	NA	11.11	ND	NM	NM	NA	NA	NA	
		Post		11.18	ND	NM	NM	NA	NA	NA	
	6/14/2011	Pre	NA	11.22	ND	NM	NM	NA	NA	NA	
		Post		11.27	ND	NM	NM	NA	NA	NA	
	6/15/2011	Pre	NA	11.31	ND	NM	NM	NA	NA	NA	
		Post		11.36	ND	NM	NM	NA	NA	NA	
	6/16/2011	Pre	NA	11.39	ND	NM	NM	NA	NA	NA	
		Post		11.46	ND	NM	NM	NA	NA	NA	
	6/17/2011	Pre	NA	NG	ND	NM	NM	NA	NA	NA	
		Post		NG	ND	NM	NM	NA	NA	NA	
	6/18/2011	Pre	NA	10.17	ND	NM	NM	NA	NA	NA	
		Post		10.28	ND	NM	NM	NA	NA	NA	
	6/19/2011	Pre	NA	10.54	ND	NM	NM	NA	NA	NA	
		Post		10.60	ND	NM	NM	NA	NA	NA	
	6/20/2011	Pre	NA	NG	ND	NM	NM	NA	NA	NA	
		Post		10.87	ND	NM	NM	NA	NA	NA	
	6/21/2011	Pre	NA	10.80	ND	NM	NM	NA	NA	NA	
		Post		10.89	ND	NM	NM	NA	NA	NA	
	6/22/2011	Pre	NA	10.97	ND	NM	NM	NA	NA	NA	
		Post		11.02	ND	NM	NM	NA	NA	NA	
	6/23/2011	Pre	NA	10.76	ND	NM	NM	NA	NA	NA	
		Post		10.83	ND	NM	NM	NA	NA	NA	
	6/24/2011	Pre	NA	10.61	ND	NM	NM	NA	NA	NA	
		Post		10.66	ND	NM	NM	NA	NA	NA	
	6/25/2011	Pre	NA	10.80	ND	NM	NM	NA	NA	NA	
		Post		10.85	ND	NM	NM	NA	NA	NA	
	6/26/2011	Pre	NA	10.97	ND	NM	NM	NA	NA	NA	
		Post		11.01	ND	NM	NM	NA	NA	NA	
	6/27/2011	Pre	NA	11.08	ND	NM	NM	NA	NA	NA	
		Post		11.14	ND	NM	NM	NA	NA	NA	
	6/28/2011	Pre	NA	11.16	ND	NM	NM	NA	NA	NA	

Table 2 - Monitoring Well Gauging Data
Gasoline Fueling Station – Royal Farms No. 96
500 Mechanics Valley Road, North East, Maryland 21901

Well ID	Date	Pre- or Post-LPH Recovery	Recovery Method	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments
		Post		8.91	ND	NM	NM	NA	NA	NA	
	6/29/2011	Pre	NA	9.88	ND	NM	NM	NA	NA	NA	
		Post		10.08	ND	NM	NM	NA	NA	NA	
	6/30/2011	Pre	NA	10.49	ND	NM	NM	NA	NA	NA	
		Post		10.59	ND	NM	NM	NA	NA	NA	
	7/1/2011	Pre	NA	10.81	ND	NM	NM	NA	NA	NA	
		Post		10.87	ND	NM	NM	NA	NA	NA	
	7/2/2011	Pre	NA	10.99	ND	NM	NM	NA	NA	NA	
		Post		11.05	ND	NM	NM	NA	NA	NA	
	7/3/2011	Pre	NA	11.12	ND	NM	NM	NA	NA	NA	
		Post		11.13	ND	NM	NM	NA	NA	NA	
	7/5/2011	Pre	NA	11.18	ND	NM	NM	NA	NA	NA	
		Post		11.21	ND	NM	NM	NA	NA	NA	
	7/6/2011	Pre	NA	11.23	ND	NM	NM	NA	NA	NA	
		Post		11.28	ND	NM	NM	NA	NA	NA	
	7/7/2011	Pre	NA	11.31	ND	NM	NM	NA	NA	NA	
		Post		11.34	ND	NM	NM	NA	NA	NA	
	7/8/2011	Pre	NA	11.22	ND	NM	NM	NA	NA	NA	
		Post		11.26	ND	NM	NM	NA	NA	NA	
	7/9/2011	Pre	NA	NG	ND	NM	NM	NA	NA	NA	
		Post		NG	ND	NM	NM	NA	NA	NA	
	7/10/2011	Pre	NA	10.99	ND	NM	NM	NA	NA	NA	
		Post		11.66	ND	NM	NM	NA	NA	NA	
	7/11/2011	Pre	NA	11.19	ND	NM	NM	NA	NA	NA	
		Post		11.23	ND	NM	NM	NA	NA	NA	
	7/12/2011	Pre	NA	11.24	ND	NM	NM	NA	NA	NA	
		Post		11.31	ND	NM	NM	NA	NA	NA	
	7/13/2011	Pre	NA	11.35	ND	NM	NM	NA	NA	NA	
		Post		11.37	ND	NM	NM	NA	NA	NA	
	7/14/2011	Pre	NA	11.42	ND	NM	NM	NA	NA	NA	
		Post		11.44	ND	NM	NM	NA	NA	NA	
	7/15/2011	Pre	NA	11.48	ND	NM	NM	NA	NA	NA	
		Post		11.5	ND	NM	NM	NA	NA	NA	
	7/16/2011	Pre	NA	11.51	ND	NM	NM	NA	NA	NA	
		Post		11.58	ND	NM	NM	NA	NA	NA	
	7/17/2011	Pre	NA	11.61	ND	NM	NM	NA	NA	NA	
		Post		11.66	ND	NM	NM	NA	NA	NA	
	7/18/2011	Pre	NA	11.64	ND	NM	NM	NA	NA	NA	
		Post		11.72	ND	NM	NM	NA	NA	NA	
	7/19/2011	Pre	NA	11.68	ND	NM	NM	NA	NA	NA	
		Post		11.74	ND	NM	NM	NA	NA	NA	

LPH = Liquid Phase Hydrocarbon
TOC = Top of Casing Elevation
ND = None Detected
NA = Not Applicable
NG = Not Gauged
NM = Not Measured
Corrected water elevation based on LPH density of 0.7 grams per milliliter

Table 3 - Soil Boring Analytical Results
Gasoline Fueling Station – Royal Farms #96
500 Mechanics Valley Road, North East MD

Sample ID	Date	B	T	E	X	Total BTEX	MTBE	TPH GRO	TPH DRO
B-1 9'	6/16/2011	360	850	210	980	2400	BDL	0.9	BDL
B-2 7'	6/16/2011	42	110	15	77	244	BDL	BDL	BDL
B-3 7'	6/16/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-4 12'	6/16/2011	BDL	BDL	BDL	27	27	BDL	BDL	BDL
B-5 8'	6/17/2011	36	90	12	60	198	BDL	BDL	BDL
B-6 8'	6/17/2011	310	550	90	490	1440	BDL	1.4	22
B-7 20'	6/17/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-8 13'	6/17/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-9 7'	6/17/2011	BDL	3400	3200	15200	21800	BDL	240	63
B-10 6'	6/17/2011	BDL	2400	2200	11200	15800	BDL	64	57
B-10 13'	6/17/2011	620	12000	7200	33600	53420	BDL	106	47
B-11 12'	6/20/2011	BDL	BDL	BDL	18.2	18.2	BDL	BDL	BDL
B-12 20'	6/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-13 10'	6/20/2011	45	590	300	1310	2245	BDL	31	90
B-14 7'	6/20/2011	21	78	16	81	196	BDL	1.5	BDL
B-15 11'	6/20/2011	120	9600	5800	33000	48520	BDL	21	740
B-16 7'	6/20/2011	BDL	18	14	78	110	BDL	0.5	BDL
B-17 20'	6/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-18 7'	6/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	0.6	BDL
B-19 8'	6/21/2011	26	72	11	53	162	BDL	0.6	BDL
B-20 20'	6/21/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-21 20'	6/21/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-22 7'	6/21/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-23 6'	6/21/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-24 14'	6/21/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Type I and II Aquifers		**52**	**8200**	**10000**	**20000**	**NRS**	**720**	**620**	**620**

TPH GRO and DRO results in parts per million or mg/kg

BTEX and MTBE results in parts per billion or ug/kg

BDL = Below Detection Limits

B = Benzene; T = Toluene; E = Ethylbenzene; X = Xylene

MTBE = Methyl-tert-butyl-ether

TPH GRO = Total Petroleum Hydrocarbons Gasoline Range Organics

TPH DRO = Total Petroleum Hydrocarbons Diesel Range Organics

NS = Not Sampled

Some compounds may have been detected but are not tabulated on this spreadsheet.

See laboratory analytical results reports for full results.

J Denotes Estimated Value

MDE Standards (Generic Numeric Cleanup Standards for Groundwater and Soil - Interim Final Guidance Update No. 2.1 - Jun

NRS = No Regulatory Standard

Table 4 - Piezometer Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #96
500 Mechanics Valley Road, North East MD

Well No.	Date	B	T	E	X	Total BTEX	MTBE	TPH GRO	TPH DRO
B-1	6/23/2011	3400	7900	1200	7100	19600	BDL	15	NS
B-2	6/22/2011	1400	2100	160	740	4400	BDL	2.4	2.3
B-3	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-4	6/22/2011	70	180	38	200	488	BDL	0.7	BDL
B-5	6/22/2011	6700	8400	320	1340	16760	BDL	36	6.4
B-6	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-7	6/23/2011	7.5	20	5.7	41	74.2	BDL	BDL	BDL
B-8	6/23/2011	16	14	BDL	25	55	BDL	BDL	BDL
B-9	6/23/2011	320	1100	130	490	2040	BDL	2.8	3
B-10	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-11	6/22/2011	17	45	BDL	14.9	76.9	BDL	BDL	BDL
B-12	6/23/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
B-13	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-14	6/23/2011	1100	5000	1300	11600	19000	BDL	21	8
B-15	6/23/2011	1400	3600	550	2800	8350	BDL	6.1	NS
B-16	6/23/2011	10	270	82	630	992	BDL	1.8	BDL
B-17	6/24/2011	32	BDL	BDL	BDL	32	235	BDL	BDL
B-18	6/24/2011	47	BDL	6.5	5.3	58.8	BDL	BDL	BDL
B-19	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-20	6/24/2011	160	16	19	141	336	220	BDL	BDL
B-21	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-22	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-23	6/24/2011	6000	10200	1200	7300	24700	BDL	8	NS
B-24	NS	NS	NS	NS	NS	NS	NS	NS	NS
Type I and II Aquifers		**5**	**1000**	**700**	**10000**	**NRS**	**20**	**0.047**	**0.047**

TPH GRO and DRO results in parts per million or mg/l
BTEX and MTBE results in parts per billion or ug/l
BDL = Below Detection Limits
B = Benzene; T = Toluene; E = Ethylbenzene; X = Xylene
MTBE = Methyl-tert-butyl-ether
TPH GRO = Total Petroleum Hydrocarbons Gasoline Range Organics
TPH DRO = Total Petroleum Hydrocarbons Diesel Range Organics
NS = Not Sampled
Some compounds may have been detected but are not tabulated on this spreadsheet.
See laboratory analytical results reports for full results.
J Denotes Estimated Value
MDE Standards (Generic Numeric Cleanup Standards for Groundwater and Soil - Interim Final Guidance Update No. 2.1 - June 2
NRS = No Regulatory Standard

Table 5 - Offsite Potable Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #96
500 Mechanics Valley Road, North East MD

Address	Sample ID	Date	B	T	E	X	Total BTEX	MTBE
463 Mechanic Valley Road	PW-463	6/29/2011	BDL	BDL	BDL	BDL	BDL	0.71
475 Mechanic Valley Road	PW-475	6/29/2011	BDL	BDL	BDL	BDL	BDL	1.7
487 Mechanic Valley Road	PW-487	6/14/2011	BDL	BDL	BDL	BDL	BDL	BDL
487 Mechanic Valley Road	PW-487	7/12/2011	1.3	7.4	BDL	2.5	11.2	4.1
493 Mechanic Valley Road	PW-493	6/14/2011	BDL	BDL	BDL	BDL	BDL	3.43
493 Mechanic Valley Road	PW-493	7/12/2011	BDL	BDL	BDL	BDL	BDL	3.8
505 Mechanic Valley Road	PW-505	6/14/2011	BDL	BDL	BDL	BDL	BDL	89.8
505 Mechanic Valley Road	PW-505-Eff	7/12/2011	BDL	BDL	BDL	BDL	BDL	BDL
505 Mechanic Valley Road	PW-505-Mid2	7/12/2011	BDL	BDL	BDL	BDL	BDL	BDL
505 Mechanic Valley Road	PW-505-Mid1	7/12/2011	BDL	BDL	BDL	BDL	BDL	BDL
505 Mechanic Valley Road	PW-505-In	7/12/2011	BDL	BDL	BDL	BDL	BDL	150
513 Mechanic Valley Road	PW-513	6/14/2011	BDL	BDL	BDL	BDL	BDL	82.2
513 Mechanic Valley Road	PW-513-Eff	7/12/2011	BDL	BDL	BDL	BDL	BDL	BDL
513 Mechanic Valley Road	PW-513-Mid2	7/12/2011	BDL	BDL	BDL	BDL	BDL	BDL
513 Mechanic Valley Road	PW-513-Mid1	7/12/2011	BDL	BDL	BDL	BDL	BDL	BDL
513 Mechanic Valley Road	PW-513-In	7/12/2011	BDL	BDL	BDL	BDL	BDL	BDL
10 Montgomery Drive	PW-10-18	6/29/2011	BDL	BDL	BDL	BDL	BDL	BDL
Type I and II Aquifers			**5**	**1000**	**700**	**10000**	**NRS**	**20**

BTEX and MTBE results in parts per billion or ug/l
BDL = Below Detection Limits
B = Benzene; T = Toluene; E = Ethylbenzene; X = Xylene
MTBE = Methyl-tert-butyl-ether
NS = Not Sampled
Some compounds may have been detected but are not tabulated on this spreadsheet.
See laboratory analytical results reports for full results.
J Denotes Estimated Value
MDE Standards (Generic Numeric Cleanup Standards for Groundwater and Soil - Interim Final Guidance Update No. 2.1 - June 2008)
NRS = No Regulatory Standard

APPENDIX D
LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-1-9'**	Date Sampled:	06/16/11
Site:	**RF-96**	Date Received:	06/17/11
Job No:	05-056 RF096	Date Analyzed:	06/22/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	850
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	210
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	630
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	350
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	27
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	170
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	410
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	360	99-87-6	4-Isopropyltoluene	21
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	160
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	0.9	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-2-7'**	Date Sampled:	06/16/11
Site:	**RF-96**	Date Received:	06/17/11
Job No:	05-056 RF096	Date Analyzed:	06/22/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	110
74-87-3	Chloromethane	< 5.0	10061-02-(	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	15
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	48
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	29
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	7.4
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	26
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	42	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	38
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-3-7'**	Date Sampled:	06/16/11
Site:	**RF-96**	Date Received:	06/17/11
Job No:	05-056 RF096	Date Analyzed:	06/22/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-4-12'**	Date Sampled:	06/16/11
Site:	**RF-96**	Date Received:	06/17/11
Job No:	05-056 RF096	Date Analyzed:	06/22/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	15
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	12
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	24
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	81
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	68
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

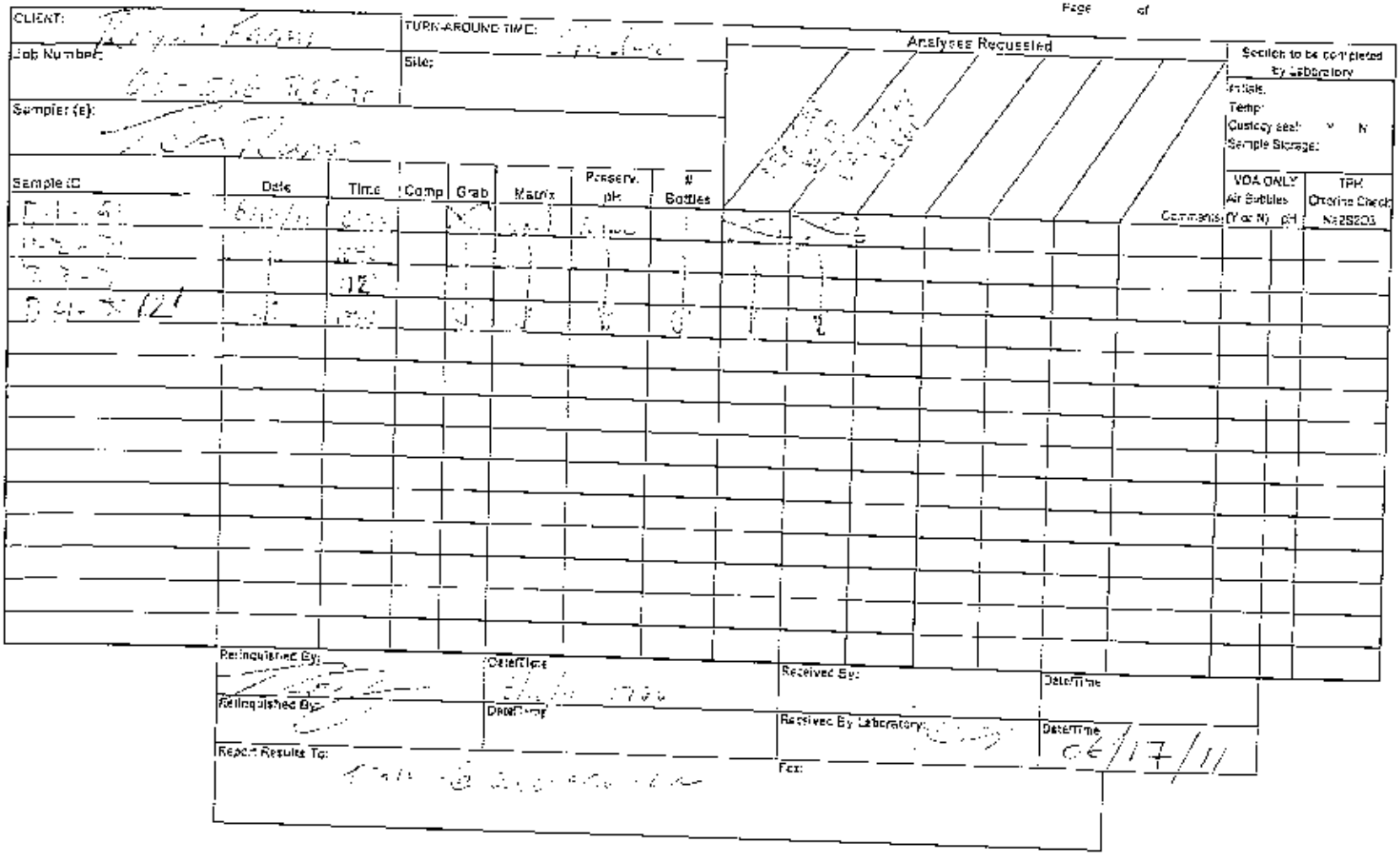
	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Environmental Sample Chain-of-Custody Record



Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**Bore 5**	Date Sampled:	06/17/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	90
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	12
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	39
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	21
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	5.9
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	18
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	36	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	16
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-6-8'**	Date Sampled:	06/17/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	550
74-87-3	Chloromethane	< 5.0	10061-02-(	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	35	100-41-4	**Ethylbenzene**	90
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	310
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	180
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	8.6
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	61
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	200
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	310	99-87-6	4-Isopropyltoluene	6.3
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	110
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	1.4	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	22	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-7-20'**	Date Sampled:	06/17/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-8-13'**	Date Sampled:	06/17/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-9-7'**	Date Sampled:	06/17/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 100	108-88-3	**Toluene**	3400
74-87-3	Chloromethane	< 100	10061-02-6	Trans-1,3-dichloropropene	< 100
75-01-4	Vinyl chloride	< 100	79-00-5	1,1,2-Trichloroethane	< 100
74-83-9	Bromomethane	< 100	108-10-1	4-Methyl-2-pentanone	< 100
75-00-3	Chloroethane	< 100	591-78-6	2-Hexanone	< 100
75-69-4	Trichlorofluoromethane	< 100	127-18-4	Tetrachloroethene	< 100
75-35-4	1,1-Dichloroethene	< 100	142-28-9	1,3-Dichloropropane	< 100
75-65-0	**Tert-butanol; TBA**	< 1000	124-48-1	Dibromochloromethane	< 100
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 100	106-93-4	1,2-Dibromoethane	< 100
75-09-2	Methylene chloride	< 100	108-90-7	Chlorobenzene	< 100
156-60-5	Trans-1,2-dichloroethene	< 100	630-20-6	1,1,1,2-Tetrachloroethane	< 100
108-20-3	**Isopropyl ether DIPE**	< 400	100-41-4	**Ethylbenzene**	3200
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 400	108-38-3	**m,p-xylene**	10000
994-05-8	**Tert-amyl metyl ether TAME**	< 100	95-47-6	**o-xylene**	5200
75-85-4	**Tert-amyl alcohol TAA**	< 4000	100-42-5	Styrene	< 100
75-34-3	1,1-Dichloroethane	< 100	75-25-2	Bromoform	< 100
67-64-1	Acetone	< 100	98-82-8	Isopropylbenzene	740
75-15-0	Carbon disulfide	< 100	108-86-1	Bromobenzene	< 100
594-20-7	2,2-Dichloropropane	< 100	79-34-5	1,1,2,2-Tetrachloroethane	< 100
156-59-2	Cis-1,2-dichloroethene	< 100	96-18-4	1,2,3-Trichloropropane	< 100
75-27-4	Bromochloromethane	< 100	103-65-1	N-propylbenzene	< 100
67-66-3	Chloroform	< 100	95-49-8	2-Chlorotoluene	< 100
71-55-6	1,1,1-Trichloroethane	< 100	106-43-4	4-Chlorotoluene	< 100
56-23-5	Carbon tetrachloride	< 100	108-67-8	1,3,5-Trimethylbenzene	5000
78-3-93	2-Butanone	< 100	98-06-6	Tert-butylbenzene	< 100
563-58-6	1,1-Dichloropropene	< 100	120-82-1	1,2,4-Trimethylbenzene	4000
108-05-4	Vinyl Acetate	< 100	135-98-8	Sec-butylbenzene	< 100
110-75-8	2-Chloroethylvinyl ether	< 100	541-73-1	1,3-Dichlorobenzene	< 100
71-43-2	**Benzene**	< 100	99-87-6	4-Isopropyltoluene	900
107-06-2	1,2-Dichloroethane	< 100	106-46-7	1,4-Dichlorobenzene	< 100
79-01-6	Trichloroethene	< 100	95-50-1	1,2-Dichlorobenzene	< 100
75-65-0	**Tert-amyl ethyl ether TAEE**	< 400	104-51-8	n-Butylbenzene	< 100
78-87-5	1,2-Dichloropropane	< 100	96-12-8	1,2-Dibromo-3-chloropropan	< 100
74-95-3	Dibromomethane	< 100	120-82-1	1,2,4-Trichlorobenzene	< 100
75-27-4	Bromodichloromethane	< 100	87-68-3	Hexachlorobutadiene	< 100
10061-01-5	Cis-1,3-dichloropropene	< 100	91-20-3	Naphthalene	8000
			87-61-6	1,2,3-Trichlorobenzene	< 100

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	240	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	63	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-10-6'**	Date Sampled:	06/17/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 100	108-88-3	**Toluene**	2400
74-87-3	Chloromethane	< 100	10061-02-6	Trans-1,3-dichloropropene	< 100
75-01-4	Vinyl chloride	< 100	79-00-5	1,1,2-Trichloroethane	< 100
74-83-9	Bromomethane	< 100	108-10-1	4-Methyl-2-pentanone	< 100
75-00-3	Chloroethane	< 100	591-78-6	2-Hexanone	< 100
75-69-4	Trichlorofluoromethane	< 100	127-18-4	Tetrachloroethene	< 100
75-35-4	1,1-Dichloroethene	< 100	142-28-9	1,3-Dichloropropane	< 100
75-65-0	**Tert-butanol; TBA**	< 1000	124-48-1	Dibromochloromethane	< 100
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 100	106-93-4	1,2-Dibromoethane	< 100
75-09-2	Methylene chloride	< 100	108-90-7	Chlorobenzene	< 100
156-60-5	Trans-1,2-dichloroethene	< 100	630-20-6	1,1,1,2-Tetrachloroethane	< 100
108-20-3	**Isopropyl ether DIPE**	< 400	100-41-4	**Ethylbenzene**	2200
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 400	108-38-3	**m,p-xylene**	7200
994-05-8	**Tert-amyl metyl ether TAME**	< 100	95-47-6	**o-xylene**	4000
75-85-4	**Tert-amyl alcohol TAA**	< 4000	100-42-5	Styrene	< 100
75-34-3	1,1-Dichloroethane	< 100	75-25-2	Bromoform	< 100
67-64-1	Acetone	< 100	98-82-8	Isopropylbenzene	640
75-15-0	Carbon disulfide	< 100	108-86-1	Bromobenzene	< 100
594-20-7	2,2-Dichloropropane	< 100	79-34-5	1,1,2,2-Tetrachloroethane	< 100
156-59-2	Cis-1,2-dichloroethene	< 100	96-18-4	1,2,3-Trichloropropane	< 100
75-27-4	Bromochloromethane	< 100	103-65-1	N-propylbenzene	2700
67-66-3	Chloroform	< 100	95-49-8	2-Chlorotoluene	< 100
71-55-6	1,1,1-Trichloroethane	< 100	106-43-4	4-Chlorotoluene	< 100
56-23-5	Carbon tetrachloride	< 100	108-67-8	1,3,5-Trimethylbenzene	5600
78-3-93	2-Butanone	< 100	98-06-6	Tert-butylbenzene	< 100
563-58-6	1,1-Dichloropropene	< 100	120-82-1	1,2,4-Trimethylbenzene	5200
108-05-4	Vinyl Acetate	< 100	135-98-8	Sec-butylbenzene	< 100
110-75-8	2-Chloroethylvinyl ether	< 100	541-73-1	1,3-Dichlorobenzene	< 100
71-43-2	**Benzene**	< 100	99-87-6	4-Isopropyltoluene	1400
107-06-2	1,2-Dichloroethane	< 100	106-46-7	1,4-Dichlorobenzene	< 100
79-01-6	Trichloroethene	< 100	95-50-1	1,2-Dichlorobenzene	< 100
75-65-0	**Tert-amyl ethyl ether TAEE**	< 400	104-51-8	n-Butylbenzene	< 100
78-87-5	1,2-Dichloropropane	< 100	96-12-8	1,2-Dibromo-3-chloropropan	< 100
74-95-3	Dibromomethane	< 100	120-82-1	1,2,4-Trichlorobenzene	< 100
75-27-4	Bromodichloromethane	< 100	87-68-3	Hexachlorobutadiene	< 100
10061-01-5	Cis-1,3-dichloropropene	< 100	91-20-3	Naphthalene	1100
			87-61-6	1,2,3-Trichlorobenzene	< 100

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	64	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	57	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-10-13'**	Date Sampled:	06/17/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 100	108-88-3	**Toluene**	12000
74-87-3	Chloromethane	< 100	10061-02-6	Trans-1,3-dichloropropene	< 100
75-01-4	Vinyl chloride	< 100	79-00-5	1,1,2-Trichloroethane	< 100
74-83-9	Bromomethane	< 100	108-10-1	4-Methyl-2-pentanone	< 100
75-00-3	Chloroethane	< 100	591-78-6	2-Hexanone	< 100
75-69-4	Trichlorofluoromethane	< 100	127-18-4	Tetrachloroethene	< 100
75-35-4	1,1-Dichloroethene	< 100	142-28-9	1,3-Dichloropropane	< 100
75-65-0	**Tert-butanol; TBA**	< 1000	124-48-1	Dibromochloromethane	< 100
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 100	106-93-4	1,2-Dibromoethane	< 100
75-09-2	Methylene chloride	< 100	108-90-7	Chlorobenzene	< 100
156-60-5	Trans-1,2-dichloroethene	< 100	630-20-6	1,1,1,2-Tetrachloroethane	< 100
108-20-3	**Isopropyl ether DIPE**	< 400	100-41-4	**Ethylbenzene**	7200
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 400	108-38-3	**m,p-xylene**	20000
994-05-8	**Tert-amyl metyl ether TAME**	< 100	95-47-6	**o-xylene**	13600
75-85-4	**Tert-amyl alcohol TAA**	< 4000	100-42-5	Styrene	< 100
75-34-3	1,1-Dichloroethane	< 100	75-25-2	Bromoform	< 100
67-64-1	Acetone	< 100	98-82-8	Isopropylbenzene	3000
75-15-0	Carbon disulfide	< 100	108-86-1	Bromobenzene	< 100
594-20-7	2,2-Dichloropropane	< 100	79-34-5	1,1,2,2-Tetrachloroethane	< 100
156-59-2	Cis-1,2-dichloroethene	< 100	96-18-4	1,2,3-Trichloropropane	< 100
75-27-4	Bromochloromethane	< 100	103-65-1	N-propylbenzene	< 100
67-66-3	Chloroform	< 100	95-49-8	2-Chlorotoluene	< 100
71-55-6	1,1,1-Trichloroethane	< 100	106-43-4	4-Chlorotoluene	< 100
56-23-5	Carbon tetrachloride	< 100	108-67-8	1,3,5-Trimethylbenzene	8600
78-3-93	2-Butanone	< 100	98-06-6	Tert-butylbenzene	< 100
563-58-6	1,1-Dichloropropene	< 100	120-82-1	1,2,4-Trimethylbenzene	13200
108-05-4	Vinyl Acetate	< 100	135-98-8	Sec-butylbenzene	< 100
110-75-8	2-Chloroethylvinyl ether	< 100	541-73-1	1,3-Dichlorobenzene	< 100
71-43-2	**Benzene**	620	99-87-6	4-Isopropyltoluene	3400
107-06-2	1,2-Dichloroethane	< 100	106-46-7	1,4-Dichlorobenzene	< 100
79-01-6	Trichloroethene	< 100	95-50-1	1,2-Dichlorobenzene	< 100
75-65-0	**Tert-amyl ethyl ether TAEE**	< 400	104-51-8	n-Butylbenzene	< 100
78-87-5	1,2-Dichloropropane	< 100	96-12-8	1,2-Dibromo-3-chloropropan	< 100
74-95-3	Dibromomethane	< 100	120-82-1	1,2,4-Trichlorobenzene	< 100
75-27-4	Bromodichloromethane	< 100	87-68-3	Hexachlorobutadiene	< 100
10061-01-5	Cis-1,3-dichloropropene	< 100	91-20-3	Naphthalene	13400
			87-61-6	1,2,3-Trichlorobenzene	< 100

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	106	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	47	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Advantage Environmental Consultants, LLC

Environmental Sample Chain-of-Custody Record

Page 1 of 1

Client: Royal Farms
Job Number: RF-96
Sampler(s): Nate Edwards
Turnaround Time: STD
Site: 500 Mechanics Valley Cl NE MD

Analyses Requested: GRO 8015B; DRO 8015B; VOC's 8260

Sample ID	Date	Time	Comp	Grab	Matrix	Preserv. pH	# Bottles	GRO 8015B	DRO 8015B	VOC's 8260	Comments
Base 5	6/17/11	0840		X	Soil	N/A	1	X	X	X	
B-6 8'		0930		X				X	X	X	
B-7 20'		1105						X	X	X	
B-8 13'		1130						X	X	X	
B-9 7'		1340						X	X	X	
B-10 6		1435						X	X	X	
B-10 13'		1505						X	X	X	

Section to be completed by Laboratory: Water; Temp; Custody seal Y N; Sample Storage; VOA ONLY: Air Bubbles (Y or N); TPH: Chlorine Check NaS2O3

Relinquished By: [signature] Date/Time: 6-22-11 pm
Received by: Date/Time:
Relinquished By: Date/Time:
Received By Laboratory: [signature] Date/Time: 06/22/11
Report Results To: Fax:

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-11-12'**	Date Sampled:	06/20/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	12
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	6.2
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	6.2
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	21
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	63
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-12-20'**	Date Sampled:	06/20/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	6.2
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-13-10'**	Date Sampled:	06/20/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	590
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	300
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	750
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	560
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	90
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	310
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	310
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	45	99-87-6	4-Isopropyltoluene	88
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	490
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	31	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	90	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-14-7'**	Date Sampled:	06/20/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	78
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	16
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	55
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	26
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	90
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	6.6
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	14
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	43
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	21	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	42
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	1.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-15-11'**	Date Sampled:	06/20/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	9600
74-87-3	Chloromethane	< 5.0	10061-02-(	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	5800
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	22000
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	11000
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	500
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	650
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	810
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	120	99-87-6	4-Isopropyltoluene	420
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	7800
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	21	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	740	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-16-7'**	Date Sampled:	06/20/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	18
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	14
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	55
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	23
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	9.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	13
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	40
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	46
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-17-20'**	Date Sampled:	06/20/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	6.8
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	5.2
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	13
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-18-7'**	Date Sampled:	06/20/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	0.6	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Advantage Environmental Consultants, LLC
8610 Baltimore-Washington Blvd., Suite 217 Jessup, Maryland 20794 Phone/Fax (301) 776-0500/(301) 776-1123

Environmental Sample Chain-of-Custody Record

Client: Royal Farms
Job Number: CE-96
Sampler (s): Nate Edwards
Turn-Around Time: STD
Site: See Mechanics Valley Rd

Sample ID		Date	Time	Comp	Grab	Matrix	Preserv. pH	# Bottles	GRO 8015B	DRO 8015B	VOC's 8260				Comments
B-11	12'	6/20/11	0950		X	Soil	None	1	X	X	X				
B-12	20'		0945						X	X	X				
B-13	10'		1030						X	X	X				
B-14	7'		1110						X	X	X				
B-15	11'		1235						X	X	X				
B-16	7'		1352						X	X	X				
B-17	20'		1530						X	X	X				
B-18	7'		1615						X	X	X				

Section to be completed by Laboratory:
Initials:
Temp:
Custody seal: Y N
Sample Storage:

VOA Only	TPH
Air Bubbles (Y or N) pH	Chlorine Check Na2S2O3

Relinquished By: [signature] Date/Time: 6-22-11 PM
Received By:
Date/Time:
Relinquished By:
Date/Time:
Received By Laboratory: [signature]
Date/Time: 06/22/11
Report Results To:
Fax:

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-19-8'**	Date Sampled:	06/21/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	72
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	11
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	35
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	18
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	13
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	26	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	16
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	0.6	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-20-20'**	Date Sampled:	06/21/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-21-20'**	Date Sampled:	06/21/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-22-7'**	Date Sampled:	06/21/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	7 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	12
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-23-6'**	Date Sampled:	06/21/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Soil
Client ID:	**B-24-14'**	Date Sampled:	06/21/11
Site:	**500 Mechanics Valley Rd NE MD**	Date Received:	06/22/11
Job No:	05-056 RF096	Date Analyzed:	06/24/11

EPA Method 8260 Units: ug/Kg (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	9.3
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/Kg	EPA 8015M	0.5	06/23/11
TPH - DRO	< 10	mg/Kg	EPA 8015M	10	06/24/11

*** **Oxygenates & BTEX in bold**

6/26/2011

Approved Date

Advantage Environmental Consultants, LLC
8610 Robinson Washington Blvd Suite 217 Jessup, Maryland 20794 Phone/Fax: (301) 776-0500/(301) 776-1123

Environmental Sample Chain-of-Custody Record

CLIENT: Royal Farms
Job Number: RF-96
Sampler(s): Nate Edwards
TURN AROUND TIME: STD
Site: 500 Mechanics Valley Rd

Sample ID		Date	Time	Comp	Grab	Matrix	Preserv. pH	# Bottles	GRO 8015B	DRO 8015B	VOC's 8260
B-19	8'	6/21/11	0835		X	S.I	None	1	X	X	X
B-20	20'		1005						X	X	X
B-21	20'		1115						X	X	X
B-22	7'		1220						X	X	X
B-23	6'		1330						X	X	X
B-24	14'		1535						X	X	X

Analyses Requested

Section to be completed by Laboratory
Cooler:
Temp:
Custody seal: Y N
Sample Storage:

VOA ONLY	TPH
Air Bubbles (Y or N)	Chlorine Check pH

Comments:

Relinquished By:
Relinquished By:
Report Results To:

Date/Time: 6-22-11 Rm
Date/Time:

Received By:
Received By Laboratory:
Fax:

Date/Time:
Date/Time: 06/22/11

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-1**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	7900
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	70	100-41-4	**Ethylbenzene**	1200
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	4500
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	2600
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	76
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	250
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	250
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	3400	99-87-6	4-Isopropyltoluene	24
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	1100
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	15	mg/L	EPA 8015M	0.5	06/26/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-7**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	20
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	5.7
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	26
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	15
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	15
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	7.5	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	20
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-8**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	14
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	16
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	9.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	24
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	16	99-87-6	4-Isopropyltoluene	14
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-9**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	1100
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	130
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	330
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	160
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	12
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	34
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	120
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	320	99-87-6	4-Isopropyltoluene	5.8
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	60
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	2.8	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	3.0	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-12**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-14**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	5000
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	1300
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	7500
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	4100
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	66
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	250
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	270
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	1100	99-87-6	4-Isopropyltoluene	31
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	9600
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	21	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	8.0	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-15**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	3600
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	30	100-41-4	**Ethylbenzene**	550
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	1800
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	1000
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	38
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	160
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 450
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	1400	99-87-6	4-Isopropyltoluene	14
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	190
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	6.1	mg/L	EPA 8015M	0.5	06/26/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-16**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	270
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	82
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	420
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	210
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	5.6
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	39
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	120
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	10	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	22
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	1.8	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Advantage Environmental Consultants, LLC
8610 Baltimore Washington Blvd., Suite 217 Jessup, Maryland 20794 Phone/Fax (301) 776-0500/(301) 776-1123

Environmental Sample Chain-of-Custody Record

Page 1 of 1

CLIENT: Royal Farms

Job Number: 05-056 RF96

Sampler(s): Nate Edwards

TURN-AROUND TIME: STD

Site: 500 Mechanic Valley Rd

Sample ID	Date	Time	Comp	Grab	Matrix	Preserv. pH	# Bottles	GRO	VOC's	DRO					Comments
B-12	6/23/11	1045		X	H_2O	HCl	2	X	X						
B-16	6/23/11	1450		|	|	|	3	X	X	X					
B-9		1145		|	|	|	3	X	X	X					
B-7		1020		|	|	|	3	X	X	X					
B-1		1445		|	|	|	2	X	X						
B-8		1120		|	|	|	3	X	X	X					
B-15		1430		|	|	|	2	X	X						
B-14		1415		|	|	|	2	X	-						
~~RCS~~															

Section to be completed by Laboratory:
Intake:
Temp:
Custody seal: Y N
Sample Storage:

VOA ONLY: Air Bubbles (Y or N)	pH	TPH: Chlorine Check	$Na_2S_2O_3$

Relinquished By: [signature] Date/Time: 6-24-11 [initials]

Received By: Date/Time:

Relinquished By: Date/Time:

Received By Laboratory: [signature] Date/Time: 6/24/11

Report Results To:

Fax:

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-17**	Date Sampled:	06/24/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/27/11
Job No:	**RF-96**	Date Analyzed:	06/28/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	235	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	24
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	32	99-87-6	4-Isopropyltoluene	14
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/28/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-18**	Date Sampled:	06/24/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/27/11
Job No:	**RF-96**	Date Analyzed:	06/28/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	6.5
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	5.3
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	24
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	47	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/28/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-20**	Date Sampled:	06/24/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/27/11
Job No:	**RF-96**	Date Analyzed:	06/28/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	16
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	220	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	19
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	11
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	130
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	160	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	19
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/28/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-23**	Date Sampled:	06/24/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/27/11
Job No:	**RF-96**	Date Analyzed:	06/28/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	10200
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	140	100-41-4	**Ethylbenzene**	1200
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	5000
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	2300
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	24
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	100
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	270
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	6000	99-87-6	4-Isopropyltoluene	5.2
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	140
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	8.0	mg/L	EPA 8015M	0.5	06/28/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Advantage Environmental Consultants, LLC
8610 Baltimore-Washington Blvd Suite 217 Jessup, Maryland 20794 Phone/Fax (301) 776-0500/(301) 776-1123

Environmental Sample Chain-of-Custody Record

Page 1 of 1

CLIENT: Royal Farms
Job Number: RF96
Sampler (s): Nathan Edwards
TURN-AROUND TIME: STD
Site: 500 Mechanic Valley Rd

Analyses Requested

Sample ID	Date	Time	Comp	Grab	Matrix	Preserv. pH	# Bottles	GRO 8015	VOC's 8260 OXY	DRO 8015				Comments
B-18	6/24/11	1130		X	H_2O	HCl	3	X	X	X				
B-20	6/24/11	1415		X	H_2O	HCl	3	X	X	X				
B-23	6/24/11	1450		X	H_2O	HCl	2	X	X					
B-17	6/24/11	0815		X	H_2O	HCl	3	X	X	X				
B-14	6/24/11	1325		X	H_2O	None	1			X				

Section to be completed by Laboratory:
Matrix:
Temp:
Custody seal: Y N
Sample Storage:
VOA Only: Air bubbles (Y or N) | pH | TPH: Chlorine Check

Relinquished By: [signature] Date/Time: 6-24-11 [initials]
Relinquished By: Date/Time:
Report Results To:
Received By:
Received By Laboratory: [signature] Date/Time: 06/27/11
Fax:

nedwards@

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-1**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	7900
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	70	100-41-4	**Ethylbenzene**	1200
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	4500
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	2600
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	76
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	250
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	250
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	3400	99-87-6	4-Isopropyltoluene	24
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	1100
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	15	mg/L	EPA 8015M	0.5	06/26/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-7**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	20
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	5.7
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	26
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	15
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	15
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	7.5	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	20
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-8**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	14
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	16
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	9.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	24
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	16	99-87-6	4-Isopropyltoluene	14
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-9**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	1100
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	130
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	330
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	160
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	12
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	34
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	120
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	320	99-87-6	4-Isopropyltoluene	5.8
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	60
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	2.8	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	3.0	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-12**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	< 5.0
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	< 5.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	< 5.0
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	< 5.0
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	< 5.0
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	< 5.0
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 5.0
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	< 5.0	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	< 5.0
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	< 0.5	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-14**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	5000
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	1300
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	7500
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	4100
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	66
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	250
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	270
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	1100	99-87-6	4-Isopropyltoluene	31
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	9600
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	21	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	8.0	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-15**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	3600
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	30	100-41-4	**Ethylbenzene**	550
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	1800
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	1000
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	38
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	160
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	< 450
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	1400	99-87-6	4-Isopropyltoluene	14
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	190
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	6.1	mg/L	EPA 8015M	0.5	06/26/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Anabell

Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**B-16**	Date Sampled:	06/23/11
Site:	**500 Mechanic Valley Rd**	Date Received:	06/24/11
Job No:	**RF-96**	Date Analyzed:	06/25/11

EPA Method 8260 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 5.0	108-88-3	**Toluene**	270
74-87-3	Chloromethane	< 5.0	10061-02-6	Trans-1,3-dichloropropene	< 5.0
75-01-4	Vinyl chloride	< 5.0	79-00-5	1,1,2-Trichloroethane	< 5.0
74-83-9	Bromomethane	< 5.0	108-10-1	4-Methyl-2-pentanone	< 5.0
75-00-3	Chloroethane	< 5.0	591-78-6	2-Hexanone	< 5.0
75-69-4	Trichlorofluoromethane	< 5.0	127-18-4	Tetrachloroethene	< 5.0
75-35-4	1,1-Dichloroethene	< 5.0	142-28-9	1,3-Dichloropropane	< 5.0
75-65-0	**Tert-butanol; TBA**	< 50	124-48-1	Dibromochloromethane	< 5.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 5.0	106-93-4	1,2-Dibromoethane	< 5.0
75-09-2	Methylene chloride	< 5.0	108-90-7	Chlorobenzene	< 5.0
156-60-5	Trans-1,2-dichloroethene	< 5.0	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0
108-20-3	**Isopropyl ether DIPE**	< 20	100-41-4	**Ethylbenzene**	82
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 20	108-38-3	**m,p-xylene**	420
994-05-8	**Tert-amyl metyl ether TAME**	< 5.0	95-47-6	**o-xylene**	210
75-85-4	**Tert-amyl alcohol TAA**	< 200	100-42-5	Styrene	< 5.0
75-34-3	1,1-Dichloroethane	< 5.0	75-25-2	Bromoform	< 5.0
67-64-1	Acetone	< 5.0	98-82-8	Isopropylbenzene	5.6
75-15-0	Carbon disulfide	< 5.0	108-86-1	Bromobenzene	< 5.0
594-20-7	2,2-Dichloropropane	< 5.0	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0
156-59-2	Cis-1,2-dichloroethene	< 5.0	96-18-4	1,2,3-Trichloropropane	< 5.0
75-27-4	Bromochloromethane	< 5.0	103-65-1	N-propylbenzene	< 5.0
67-66-3	Chloroform	< 5.0	95-49-8	2-Chlorotoluene	< 5.0
71-55-6	1,1,1-Trichloroethane	< 5.0	106-43-4	4-Chlorotoluene	< 5.0
56-23-5	Carbon tetrachloride	< 5.0	108-67-8	1,3,5-Trimethylbenzene	39
78-3-93	2-Butanone	< 5.0	98-06-6	Tert-butylbenzene	< 5.0
563-58-6	1,1-Dichloropropene	< 5.0	120-82-1	1,2,4-Trimethylbenzene	120
108-05-4	Vinyl Acetate	< 5.0	135-98-8	Sec-butylbenzene	< 5.0
110-75-8	2-Chloroethylvinyl ether	< 5.0	541-73-1	1,3-Dichlorobenzene	< 5.0
71-43-2	**Benzene**	10	99-87-6	4-Isopropyltoluene	< 5.0
107-06-2	1,2-Dichloroethane	< 5.0	106-46-7	1,4-Dichlorobenzene	< 5.0
79-01-6	Trichloroethene	< 5.0	95-50-1	1,2-Dichlorobenzene	< 5.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 20	104-51-8	n-Butylbenzene	< 5.0
78-87-5	1,2-Dichloropropane	< 5.0	96-12-8	1,2-Dibromo-3-chloropropan	< 5.0
74-95-3	Dibromomethane	< 5.0	120-82-1	1,2,4-Trichlorobenzene	< 5.0
75-27-4	Bromodichloromethane	< 5.0	87-68-3	Hexachlorobutadiene	< 5.0
10061-01-5	Cis-1,3-dichloropropene	< 5.0	91-20-3	Naphthalene	22
			87-61-6	1,2,3-Trichlorobenzene	< 5.0

	Concentration Detected	Units	Method	PQL	Date Analyzed
TPH - GRO	1.8	mg/L	EPA 8015M	0.5	06/26/11
TPH - DRO	< 0.5	mg/L	EPA 8015M	0.5	06/29/11

*** **Oxygenates & BTEX in bold**

6/30/2011

Approved Date

Advantage Environmental Consultants, LLC
8610 Baltimore Washington Blvd., Suite 217 Jessup, Maryland 20794 Phone/Fax (301) 776-0500/(301) 776-1123

Environmental Sample Chain-of-Custody Record

Page 1 of 1

CLIENT: Royal Farms
TURN-AROUND TIME: STD
Job Number: 05-056 RF96
Site: 500 Mechanic Valley Rd
Sampler(s): Nate Edwards

Analyses Requested

Sample ID	Date	Time	Comp	Grab	Matrix	Preserv. pH	# Bottles	GRO	VOC's	DRO					Comments
B-12	6/23/11	1045		X	H_2O	HCl	2	X	X						
B-16	6/23/11	1450		|	|	|	3	X	X	X					
B-9		1145		|	|	|	3	X	X	X					
B-7		1020		|	|	|	3	X	X	X					
B-1		1445		|	|	|	2	X	X						
B-8		1120		|	|	|	3	X	X	X					
B-15		1430		|	|	|	2	X	X						
B-14		1415		|	|	|	2	X	X						
~~B-26~~															

Section to be completed by Laboratory
Intact:
Temp:
Custody seal: Y N
Sample Storage:

VOA ONLY: Air Bubbles (Y or N) · pH	TPH: Chlorine Check $Na_2S_2O_3$

Relinquished By: [signature]
Date/Time: 6-24-11 Km
Received By:
Date/Time:
Relinquished By:
Date/Time:
Received By Laboratory: [signature]
Date/Time: 6/24/11
Report Results To:
Fax:

MARYLAND SPECTRAL SERVICES, INC.

1500 Caton Center Drive, Baltimore MD 21227

VOLATILE ORGANICS BY EPA GC/MS METHOD 524.2

CLIENT SAMPLE ID:	PW-513	PW-505	PW-493	PW-487	DBLK0616B1
	RF-96	RF-96	RF-96	RF-96	
LAB SAMPLE ID:	1061511-01	1061511-02	1061511-03	1061511-04	METHOD BLANK
SAMPLE DATE:	06/14/11	06/14/11	06/14/11	06/14/11	
RECEIVED DATE:	06/15/11	06/15/11	06/15/11	06/15/11	
ANALYSIS DATE:	06/16/11	06/16/11	06/16/11	06/16/11	06/16/11
ANALYST:	KKG	KKG	KKG	KKG	KKG
FILE NAME:	06151101	06151102	06151103	06151104	0616DBLKB2
INSTRUMENT ID:	MSB	MSB	MSB	MSB	MSB
MATRIX:	WATER	WATER	WATER	WATER	WATER
UNITS:	ug/L	ug/L	ug/L	ug/L	ug/L
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
ANALYTE					
tert-Amyl Alcohol (TAA)	**54.6**	**57.0**	10 U	10 U	10 U
tert-Amyl methyl ether (TAME)	**2.24**	**2.33**	0.50 U	0.50 U	0.50 U
Benzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butanol (TBA)	**31.7**	**38.8**	10 U	10 U	10 U
n-Butylbenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
sec-Butylbenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2- & 4-Chlorotoluene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (EDB)	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

ug/L - Micrograms per liter (parts per billion) U - Less than reported quantitation limit
J - Estimated value B - Detected in lab blank E - Exceeded calibration range

MARYLAND SPECTRAL SERVICES, INC.

1500 Caton Center Drive, Baltimore MD 21227

VOLATILE ORGANICS BY EPA GC/MS METHOD 524.2

CLIENT SAMPLE ID:	PW-513 RF-96	PW-505 RF-96	PW-493 RF-96	PW-487 RF-96	DBLK0616B1
LAB SAMPLE ID:	1061511-01	1061511-02	1061511-03	1061511-04	METHOD BLANK
SAMPLE DATE:	06/14/11	06/14/11	06/14/11	06/14/11	
RECEIVED DATE:	06/15/11	06/15/11	06/15/11	06/15/11	
ANALYSIS DATE:	06/16/11	06/16/11	06/16/11	06/16/11	06/16/11
ANALYST:	KKG	KKG	KKG	KKG	KKG
FILE NAME:	06151101	06151102	06151103	06151104	0616DBLKB2
INSTRUMENT ID:	MSB	MSB	MSB	MSB	MSB
MATRIX:	WATER	WATER	WATER	WATER	WATER
UNITS:	ug/L	ug/L	ug/L	ug/L	ug/L
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
ANALYTE					
trans-1,3-Dichloropropene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Diisopropyl Ether (DIPE)	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl tert-butyl ether (ETBE)	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropylbenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl t-Butyl Ether (MTBE)	**82.2**	**89.8**	**3.43**	0.50 U	0.50 U
Methylene Chloride	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1,2-Tetrachloroethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trimethylbenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m- & p-Xylenes	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Note: Both for sample "PW-513" and for sample "PW-505" the reported MTBE result is derived from a X3 dilution.

ug/L - Micrograms per liter (parts per billion) U - Less than reported quantitation limit
J - Estimated value B - Detected in lab blank E - Exceeded calibration range

CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410–247–7600 • Fax 410–247–7602
labman@mdspectral.com

Company Name:	Project Manager:
AEC	Tom Ruszin
Project Name:	**Project ID:**
RF-96	05-056RF096
Sampler(s):	**P.O. Number:**
Tom Ruszin	

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Parameters: VOCs + Dry 524.2	Preservative/Remarks	MSS Lab ID
~~Potable~~ PW-513	6/14/11	1130	X			2		HCl	1061511-01 A,B
PW-505		1148							02 AB
PW-493		1158							03 AB
PW-487		1211							04 AB

Relinquished by: (Signature) / (Printed)	Date/Time	Received by: (Signature) / (Printed)	Relinquished by: (Signature) / (Printed)	Date/Time	Received by: (Signature) / (Printed)
Tom Ruszin	6/15/11 1815	S Hamrick			
Relinquished by: (Signature) / (Printed)	Date/Time	Received by: (Signature) / (Printed)	Date/Time	Remarks	
				Report to truszin@aec-env.com jstel@aec-env.com Need results on 6/20/11	

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: **RF-96**

Project Number: 05-056

Project Manager: Tom Ruszin

Report Issued: 07/07/11 16:13

Advantage Environmental Consultants, LLC
8610 Baltimore Washington Blvd, Suite 217
Jessup MD, 20794

CLIENT SAMPLE ID:		PW-10-18	PW-475	PW-463
LAB SAMPLE ID:		1062907-01	1062907-02	1062907-03
SAMPLE DATE:		06/29/11	06/29/11	06/29/11
RECEIVED DATE:		06/29/11	06/29/11	06/29/11
MATRIX	Units	Water	Water	Water

VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (Water)

tert-Amyl alcohol (TAA)	ug/L	<10.0	<10.0	<10.0
tert-Amyl methyl ether (TAME)	ug/L	<0.50	<0.50	<0.50
Benzene	ug/L	<0.50	<0.50	<0.50
Bromobenzene	ug/L	<0.50	<0.50	<0.50
Bromochloromethane	ug/L	<0.50	<0.50	<0.50
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50
Bromoform	ug/L	<0.50	<0.50	<0.50
Bromomethane	ug/L	<0.50	<0.50	<0.50
tert-Butanol (TBA)	ug/L	<10.0	<10.0	<10.0
n-Butylbenzene	ug/L	<0.50	<0.50	<0.50
sec-Butylbenzene	ug/L	<0.50	<0.50	<0.50
tert-Butylbenzene	ug/L	<0.50	<0.50	<0.50
Carbon tetrachloride	ug/L	<0.50	<0.50	<0.50
Chlorobenzene	ug/L	<0.50	<0.50	<0.50
Chloroethane	ug/L	<0.50	<0.50	<0.50
Chloroform	ug/L	<0.50	<0.50	<0.50
Chloromethane	ug/L	<0.50	<0.50	<0.50
2- & 4-Chlorotoluene	ug/L	<0.50	<0.50	<0.50
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50
1,2-Dibromo-3-chloropropane	ug/L	<0.50	<0.50	<0.50
1,2-Dibromoethane (EDB)	ug/L	<0.50	<0.50	<0.50
Dibromomethane	ug/L	<0.50	<0.50	<0.50
1,2-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50
Dichlorodifluoromethane	ug/L	<0.50	<0.50	<0.50
1,1-Dichloroethane	ug/L	<0.50	<0.50	<0.50
1,2-Dichloroethane	ug/L	<0.50	<0.50	<0.50
1,1-Dichloroethene	ug/L	<0.50	<0.50	<0.50
cis-1,2-Dichloroethene	ug/L	<0.50	<0.50	<0.50
trans-1,2-Dichloroethene	ug/L	<0.50	<0.50	<0.50
1,2-Dichloropropane	ug/L	<0.50	<0.50	<0.50
1,3-Dichloropropane	ug/L	<0.50	<0.50	<0.50
2,2-Dichloropropane	ug/L	<0.50	<0.50	<0.50
1,1-Dichloropropene	ug/L	<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	ug/L	<0.50	<0.50	<0.50

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: **RF-96**

Project Number: 05-056

Project Manager: Tom Ruszin

Report Issued: 07/07/11 16:13

Advantage Environmental Consultants, LLC
8610 Baltimore Washington Blvd, Suite 217
Jessup MD, 20794

CLIENT SAMPLE ID:		PW-10-18	PW-475	PW-463
LAB SAMPLE ID:		1062907-01	1062907-02	1062907-03
SAMPLE DATE:		06/29/11	06/29/11	06/29/11
RECEIVED DATE:		06/29/11	06/29/11	06/29/11
MATRIX	Units	Water	Water	Water

VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)

trans-1,3-Dichloropropene	ug/L	<0.50	<0.50	<0.50
Diisopropyl ether (DIPE)	ug/L	<0.50	<0.50	<0.50
Ethyl tert-butyl ether (ETBE)	ug/L	<0.50	<0.50	<0.50
Ethylbenzene	ug/L	<0.50	<0.50	<0.50
Hexachlorobutadiene	ug/L	<0.50	<0.50	<0.50
Isopropylbenzene (Cumene)	ug/L	<0.50	<0.50	<0.50
4-Isopropyltoluene	ug/L	<0.50	<0.50	<0.50
Methyl tert-butyl ether (MTBE)	ug/L	<0.50	**1.70**	**0.71**
Methylene chloride	ug/L	<0.50	<0.50	<0.50
Naphthalene	ug/L	<0.50	<0.50	<0.50
n-Propylbenzene	ug/L	<0.50	<0.50	<0.50
Styrene	ug/L	<0.50	<0.50	<0.50
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50
Tetrachloroethene	ug/L	<0.50	<0.50	<0.50
Toluene	ug/L	<0.50	<0.50	<0.50
1,2,3-Trichlorobenzene	ug/L	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	ug/L	<0.50	<0.50	<0.50
1,1,1-Trichloroethane	ug/L	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	ug/L	<0.50	<0.50	<0.50
Trichloroethene	ug/L	<0.50	<0.50	<0.50
1,2,3-Trichloropropane	ug/L	<0.50	<0.50	<0.50
1,2,4-Trimethylbenzene	ug/L	<0.50	<0.50	<0.50
1,3,5-Trimethylbenzene	ug/L	<0.50	<0.50	<0.50
Vinyl chloride	ug/L	<0.50	<0.50	<0.50
o-Xylene	ug/L	<0.50	<0.50	<0.50
m- & p-Xylenes	ug/L	<0.50	<0.50	<0.50

Company Name: AEC	Project Manager: Tom Kurzn
Project Name: RF-96	Project ID: 05-056
Sampler(s): Tom Kurzn	P.O. Number:

CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdspectral.com

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOC + Oxy 524.2	Preservative/Remarks	MSS Lab ID
PW-10-18	6/24/14	1015	X			3	X	HCl	1062907-01
PW-475	"	1045	"			"	"	"	-02
PW-463	"	1105	"			"	"	"	-03

Relinquished by: (Signature) / (Printed)	Date/Time	Received by: (Signature) / (Printed)	Relinquished by: (Signature) / (Printed)	Date/Time	Received by: (Signature) / (Printed)
Tom Kurzn	6/24/14 1630	K. Gillespie			

Relinquished by: (Signature) / (Printed)	Date/Time	Received by: (Signature) / (Printed)	Date/Time	Remarks
				Report to: tkurzn@aecenv.com jstein@aecenv.com

Page 1 of 1

MSS-F001-03/09

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-513 Eff**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11
EPA Method 524.2		Units:	ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 1.0	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-513 Mid-1**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11

EPA Method 524.2 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 1.0	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-513 Mid-2**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11

EPA Method 524.2 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 1.0	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-513 In**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11

EPA Method 524.2 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 1.0	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-505 Eff**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11
EPA Method 524.2		Units:	ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 1.0	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-505 Mid1**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11

EPA Method 524.2 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 1.0	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-505 Mid2**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11

EPA Method 524.2 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	< 1.0	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-505 In**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11

EPA Method 524.2 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	150	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	6.3	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-493**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11

EPA Method 524.2 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	< 1.0
74-87-3	Chloromethane	< 1.0	10061-02-6	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	1.8
1634-04-4	**Methyl-Tert-butyl ether MTBE**	3.8	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	< 1.0
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	< 1.0
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	1.5
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	5.2	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	< 1.0	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	< 1.0
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Anabell
Environmental, Inc.
8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

Laboratory Analysis Results

Client:	Advantage Environmental	Matrix:	Water
Client ID:	**PW-487**	Date Sampled:	07/12/11
Site:	**RF 96 500 Mechanics Valley Rd**	Date Received:	07/13/11
Job No:	05-056RF096	Date Analyzed:	07/14/11

EPA Method 524.2 Units: ug/L (ppb)

CAS Number	Compound	Concentration Detected	CAS Number	Compound	Concentration Detected
75-71-8	Dichlorodifluoromethane	< 1.0	108-88-3	**Toluene**	7.4
74-87-3	Chloromethane	< 1.0	10061-02-(	Trans-1,3-dichloropropene	< 1.0
75-01-4	Vinyl chloride	< 1.0	79-00-5	1,1,2-Trichloroethane	< 1.0
74-83-9	Bromomethane	< 1.0	108-10-1	4-Methyl-2-pentanone	< 1.0
75-00-3	Chloroethane	< 1.0	591-78-6	2-Hexanone	< 1.0
75-69-4	Trichlorofluoromethane	< 1.0	127-18-4	Tetrachloroethene	< 1.0
75-35-4	1,1-Dichloroethene	< 1.0	142-28-9	1,3-Dichloropropane	< 1.0
75-65-0	**Tert-butanol; TBA**	< 10	124-48-1	Dibromochloromethane	< 1.0
1634-04-4	**Methyl-Tert-butyl ether MTBE**	4.1	106-93-4	1,2-Dibromoethane	< 1.0
75-09-2	Methylene chloride	< 1.0	108-90-7	Chlorobenzene	< 1.0
156-60-5	Trans-1,2-dichloroethene	< 1.0	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0
108-20-3	**Isopropyl ether DIPE**	< 4.0	100-41-4	**Ethylbenzene**	< 1.0
637-92-3	**Ethyl-tert-butyl ether ETBE**	< 4.0	108-38-3	**m,p-xylene**	1.3
994-05-8	**Tert-amyl metyl ether TAME**	< 4.0	95-47-6	**o-xylene**	1.2
75-85-4	**Tert-amyl alcohol TAA**	< 40	100-42-5	Styrene	< 1.0
75-34-3	1,1-Dichloroethane	< 1.0	75-25-2	Bromoform	< 1.0
67-64-1	Acetone	< 1.0	98-82-8	Isopropylbenzene	< 1.0
75-15-0	Carbon disulfide	< 1.0	108-86-1	Bromobenzene	< 1.0
594-20-7	2,2-Dichloropropane	< 1.0	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0
156-59-2	Cis-1,2-dichloroethene	< 1.0	96-18-4	1,2,3-Trichloropropane	< 1.0
75-27-4	Bromochloromethane	< 1.0	103-65-1	N-propylbenzene	< 1.0
67-66-3	Chloroform	< 1.0	95-49-8	2-Chlorotoluene	< 1.0
71-55-6	1,1,1-Trichloroethane	< 1.0	106-43-4	4-Chlorotoluene	< 1.0
56-23-5	Carbon tetrachloride	< 1.0	108-67-8	1,3,5-Trimethylbenzene	< 1.0
78-3-93	2-Butanone	< 1.0	98-06-6	Tert-butylbenzene	< 1.0
563-58-6	1,1-Dichloropropene	< 1.0	120-82-1	1,2,4-Trimethylbenzene	< 1.0
108-05-4	Vinyl Acetate	< 1.0	135-98-8	Sec-butylbenzene	< 1.0
110-75-8	2-Chloroethylvinyl ether	< 1.0	541-73-1	1,3-Dichlorobenzene	< 1.0
71-43-2	**Benzene**	1.3	99-87-6	4-Isopropyltoluene	< 1.0
107-06-2	1,2-Dichloroethane	< 1.0	106-46-7	1,4-Dichlorobenzene	< 1.0
79-01-6	Trichloroethene	< 1.0	95-50-1	1,2-Dichlorobenzene	< 1.0
75-65-0	**Tert-amyl ethyl ether TAEE**	< 4.0	104-51-8	n-Butylbenzene	< 1.0
78-87-5	1,2-Dichloropropane	< 1.0	96-12-8	1,2-Dibromo-3-chloropropan	< 1.0
74-95-3	Dibromomethane	< 1.0	120-82-1	1,2,4-Trichlorobenzene	< 1.0
75-27-4	Bromodichloromethane	< 1.0	87-68-3	Hexachlorobutadiene	< 1.0
10061-01-5	Cis-1,3-dichloropropene	< 1.0	91-20-3	Naphthalene	2.9
			87-61-6	1,2,3-Trichlorobenzene	< 1.0

*** **Oxygenates & BTEX in bold**

7/15/2011

Approved Date

Advantage Environmental Consultants, LLC

8610 Washington Blvd., Suite 217 Jessup, Maryland 20794 Phone/Fax: (301) 776-0500/(301) 776-1123

Environmental Sample Chain-of-Custody Record

Page 1 of 1

CLIENT: Royal Farms

TURN-AROUND TIME: Standard

Job Number: 05-056RF096

Site: RF-96

Sampler (s): Tom Ruszin

Analyses Requested: VOCs + Oxy 524.2

Section to be completed by Laboratory: Initials: Temp: Custody seal: Y N Sample Storage:

VOA ONLY: Air Bubbles (Y or N) | TPH: Chlorine Check pH | Aa25203

Sample ID	Date	Time	Comp	Grab	Matrix	Preserv. pH	# Bottles	VOCs + Oxy 524.2	Comments
PW-513-Eff	7/12/11	1145		X	H_2O	HCl	2	X	
PW-513-Mid2	↓	1155		↓	↓	↓	↓	↓	
PW-513-Mid1	↓	1200		↓	↓	↓	↓	↓	
PW-513-In	↓	1205		↓	↓	↓	↓	↓	
PW-505-Eff	↓	1225		↓	↓	↓	↓	↓	
PW-505-Mid2	↓	1230		↓	↓	↓	↓	↓	
PW-505-Mid1	↓	1235		↓	↓	↓	↓	↓	
PW-505-In	↓	1240		↓	↓	↓	↓	↓	
PW-493	↓	1410		↓	↓	↓	↓	↓	
PW-487	↓	1425		↓	↓	↓	↓	↓	

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/12/11 1502	Refrigerator	
Relinquished By:	Date/Time	Received By Laboratory: [signature]	Date/Time 07/13/11

Report Results To: truszin@aec-env.com, jstein@aec-env.com

Fax: