

# ENVIRONMENTAL ALLIANCE

March 15, 2010

- *Engineering*
- *Remediation*
- *Consulting*

Mr. James Richmond  
Maryland Department of the Environment  
Oil Control Program  
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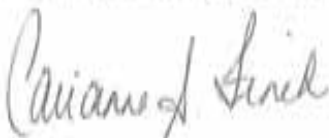
**Re: Update Report and Work Plan  
Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Road  
Monrovia, Maryland  
MDE Case # 2005-0834-FR  
MDE Facility ID #11836**

Dear Mr. Richmond:

Environmental Alliance, Inc. (Alliance), on behalf of Carroll Independent Fuel Company (CIFC) is pleased to submit the attached Update Report and Work Plan to provide an update of the investigation activities completed in October and November 2009. Also presented in this document is a proposed work plan for continuing hydrogeologic investigation activities to further evaluate site conditions toward potential corrective action.

If you have any questions or if further information is required please contact Bill Smith or myself at (410) 729-9000. Thank you for your time.

Sincerely,  
**ENVIRONMENTAL ALLIANCE, INC.**



Carianne A. Finch  
Maryland Operation Manager/Engineer



William Smith, P.G.  
Principal Hydrogeologist

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**UPDATE REPORT AND WORK  
PLAN**

**Monrovia BP  
(Former Green Valley Citgo)  
11791 Fingerboard Road  
Monrovia, Maryland**


March 15, 2010

*Prepared for:*

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## 1.0 INTRODUCTION

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Environmental Alliance, Inc. (Alliance) of Millersville, Maryland, on behalf of Carroll Independent Fuel Company (CIFC), has prepared this Update Report and Work Plan presenting the continuing hydrogeologic investigation activities completed to date at the Monrovia BP/Former Green Valley Citgo (Site) located at 11791 Fingerboard Road in Monrovia, Maryland. This document is based on the investigation and monitoring information collected to date. The investigative activities have been conducted with oversight by the Maryland Department of the Environment (MDE) Oil Control Program (OCP) under emergency regulations concerning the underground storage tank (UST) system within high-risk groundwater use areas in Maryland.

This report presents the activities conducted from September through November 2009 as well as future investigation activities to be implemented. The activities were conducted towards continued development of a SCM that are summarized and discussed in this report consist of:

- ◆ Additional monitoring well installation (September 2009);
- ◆ Survey data (September 2009);
- ◆ Pilot testing (October 2009);
- ◆ Geophysical Testing (November 2009);
- ◆ Packer Testing (November 2009); and
- ◆ Work plan for future investigation activities.

A Site Location Map (topographic map) is depicted in Figure 1, and Figure 2 depicts a Site Base Map. Section 2.0 of this report presents a site history, including historical remedial actions and investigations, and describes the physical site characteristics. Section 3.0 describes the continuing hydrogeologic investigation activities. Section 4.0 presents the site conditions consisting of a description of the hydrogeologic setting and a refinement of the site conceptual model (SCM). Section 5.0 provides a work plan for future investigation activities and schedule.



## 2.0 SITE BACKGROUND

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### 2.1 Site Environmental History

Based on a compliance inspection conducted in January 2005, the MDE requested a subsurface work plan in a letter dated June 1, 2005, to address compliance with the January 2005 Emergency Regulations. In September 2005, ten soil borings (GP-1 through GP-10) were advanced and in February 2006, four bedrock monitoring wells (MW-1 through MW-4) were installed to satisfy the MDE requirements of the emergency regulations. The results of the subsurface activities were submitted in a report dated May 24, 2006.

The MDE responded in a letter dated July 7, 2006, requiring semi-annual sampling of the monitoring wells, the tank field wells and the site water supply wells. During the September 2006 sampling event, MtBE was detected at 42 micrograms per liter (ug/l) in a blended water sample of the five site potable wells. Based on this information, a confirmatory sample was collected in November 2006, and the analytical data indicated an MtBE concentration of 24 ug/l. The MDE issued a directive dated January 22, 2007 requiring the submittal of an interim corrective action plan (ICAP) to include a soil vapor extraction (SVE) test on the tank field and monitoring well MW-3, an evaluation of surface drains, and implementation of quarterly sampling of the monitoring and tank field wells. In addition, the MDE required the submittal of a SCM and Supplemental Work Plan to further develop the SCM including:

- ◆ monitoring well installation and geophysical testing,
- ◆ quarterly sampling of water supply wells located at the Green Valley Plaza (GVP) and the adjacent Green Valley Shopping Center (GVSC),
- ◆ initial sampling of specific off-site adjacent private (residential) drinking water supply wells (total of 10), and
- ◆ a well survey to identify potable supply wells within a one-half mile radius of the site.



The ICAP work plan proposing SVE testing and the surface drain evaluation, was submitted on April 25, 2007. The drinking water well survey within a one-mile radius of the site was completed on April 30, 2007. Up to 458 drinking water wells were identified within a one-half mile radius of the site. A Site Conceptual Model (SCM) and work plan was submitted on May 7, 2007, and updates continued to be submitted. The residential potable well sampling program was extended in April 2007 to include 27 additional residences. The work plan, to continue development of the SCM, proposed installation of additional shallow groundwater monitoring wells, geophysical testing of the newly installed monitoring wells and the existing potable wells, continued groundwater monitoring of the monitoring well network, and continued sampling of the commercial and potable drinking water wells in the vicinity of the site. The surface drain evaluation was completed on May 17, 2007. As part of ICAP activities, SVE feasibility testing was completed in June 2007. In addition, the process was started to revise the water treatment permit at the GVP to install a point-of-entry treatment (POET) system on the water treatment system.

By June 2007, potable water from a total of 84 residential potable wells had been sampled for analysis. Based on the data collected, six POET systems were installed on six residential potable wells from April through July, 2007.

The August 2007 MDE directive outlined the future sampling frequency for drinking water supply wells in the vicinity of the site, including the operation and maintenance of the six POET systems installed on the residential potable wells. By October 2007, Alliance had collected potable well samples from 115 residential potable wells, and the MDE had also conducted separate sampling of an additional 75 residential potable wells. As part of additional investigations, a compilation of the sampling data including permit numbers and well construction details (when available) was assembled for further review.

In the October 2007 Quarterly Sampling Report, all of the data collected to date, including an outline of the POET system installations, the surface drain investigation, the SVE feasibility testing, geophysical testing of two site potable wells, and a work plan for further development of

the SCM. Based on the sampling data from the residential potable wells, Alliance requested a reduction in the sampling in the November 2007 sampling report.

In March 2008, the MDE approved sampling reduction, requested a status for the permit approval for the GVP POET system, requested monitoring well installation, and requested a status for the UST removal activities since the station was closed for retail fuel sales in February 2008.

In April 2008, Alliance submitted a Subsurface Investigation Work Plan Addendum proposing the installation of four additional shallow monitoring wells, the MDE approved the work plan (May 2008) and four shallow groundwater monitoring wells (MW-5 through MW-8) were installed and monitoring well MW-3 was abandoned for upcoming UST removal activities. The monitoring wells were installed with steel casing to seal off the upper unconsolidated portion of the overburden to prevent caving and to allow the new wells to initially be installed as open boreholes with the bedrock for future groundwater sampling and geophysical logging. Geophysical testing of the monitoring wells was conducted in June 2008 and a brief summary of the well installation was provided to the MDE along with the soil boring logs.

UST removal activities were completed in July 2008, and the new UST system was installed in August 2008. One 2,000-gallon diesel and three 10,000-gallon gasoline USTs including associated piping and dispensers were removed in July 2008. No perforations were noted in the removed UST system however, petroleum odors were noted in the tank field pea gravel. Soil analytical results were not detected above standards. Over 1,100-tons of soil, of which approximately 523 tons were petroleum impacted, were removed during UST closure activities. The UST System Closure Report was submitted to the MDE in August 2008. In August 2008, a new UST system, constructed of double-walled polyethylene coated steel USTs and piping (two 10,000-gallon gasoline, one 10,000-gallon diesel and one 4,000-gallon diesel), was installed in the former UST excavation. Six new tank field monitoring pipes (TF 3 through TF-8) were installed during UST installation activities. In addition, SVE piping was connected to the tank field monitoring pipes. It should be noted that in addition to the abandonment of monitoring well



MW-3 (for UST removal activities), soil vapor point SV-3 was also destroyed during UST removal activities. During system upgrade activities, the site surface water discharge was also reconfigured.

The water treatment permit was approved in August 2008, and a POET system was installed on the GVP water supply in September 2008. An Update Report and Work Plan for additional activities was submitted to the MDE in September 2008. The report outlined sampling activities conducted to date, monitoring well installation (May 2008), geophysical testing of monitoring wells mW-6, MW-7 and MW-8 (June 2008), updated the SCM, and provided a work plan for additional site investigation activities including construction of permanent monitoring well in monitoring well MW-5 through MW-8, installation of additional shallow monitoring wells, a repeat of the SVE feasibility testing subsequent to UST removal/replacement activities, and proposed changes to the groundwater monitoring plan.

In December 2008, the MDE approved the construction of permanent monitoring wells in the open boreholes (MW-5 through MW-8), replacement of monitoring well MW-3 (destroyed during UST removal activities) and a repeat of the SVE feasibility testing to evaluate mass in the subsurface around the new UST field. The MDE did not agree with the installation of the proposed shallow monitoring wells and requested an evaluation of deep monitoring well installation. Alliance responded in a letter dated December 2008 that the additional shallow monitoring well installation data was necessary to further define the SCM and evaluate deep monitoring well installation. The MDE agreed, and monitoring well installation activities were conducted in February/March 2009. In addition, the repeat SVE feasibility testing was conducted in January 2009, and the results were reported in a letter dated February 27, 2009. The results indicate that a significant mass in and surrounding the tank field that was observed during the June 2007 SVE pilot test has been removed (during UST replacement activities).

The results of the February monitoring well installation activities and well reconstruction activities were reported in the June 2009 Hydrogeologic Investigation Update and Work Plan. The work plan outlined additional tasks including installation of an additional deep monitoring

well for delineation and additional testing (geophysical and packer), installation of shallow monitoring wells in the vicinity of the residences along Farm Lane for delineation, pump and re-injection testing. On August 21, 2009, a meeting was held with MDE, Alliance and representative from Carroll Fuel to discuss the proposed work plan. Based on the meeting, a modification to the June work plan was prepared and submitted to MDE on August 26, 2009. The MDE approved the scope of work in a directive dated September 22, 2009. The following report details activities completed in September, October and the first part of November 2009.

Quarterly monitoring well and tank field well sampling, residential potable well and POET system sampling, and commercial supply well and POET system sampling activities continue as directed for compliance with MDE directives. The results of the above investigations continue to be submitted to the MDE on a regular basis.

## **2.2 Site Features**

Site features include a one-story station building that is attached to an L-shaped shopping center (Green Valley Plaza). The station was vacant from November 2007 until October 2008 and is currently an operating gasoline (BP) station. Parking areas for the shopping center and one additional building are located to the west of the site. A dry cleaning establishment (Green Valley Cleaners) is located inside the shopping center and dry cleaning is actively conducted on site. To the north is Fingerboard Road (Route 80) followed by residences and to the south is Rosewood Drive followed by residences. The Green Valley Shopping Center is located east of the site and contained three ancillary buildings including an Allstate Insurance office, a 7-11 convenience store and a mechanic garage.

The UST system for the station currently consists of three 10,000-gallon gasoline, one 10,000-gallon diesel and one 4,000-gallon diesel USTs in the same tank field. The USTs were installed in August 2008 in the same excavation where former USTs were removed in July 2008. Four gasoline and one diesel multi-product dispensers are located under the canopy to the north of the building. The vent lines are located to the west of the current UST field. Six tank field

monitoring pipes (TF-3 through TF-8) were installed during UST installation activities in August 2008. In addition, SVE piping was connected to the tank field monitoring pipes.

### **2.3 Area Topography and Drainage**

The site is situated on a topographic ridge that is generally flat at an elevation of approximately 800 feet above mean sea level (amsl), with the surrounding land dipping to the west, south, and east away from the site (refer to Figure 1). The site surface is mostly paved. During the station rebuild in August 2008, the storm water drainage system was also upgraded on-site. The previous trench drain system in front of the store was removed and replaced and a small section was added to the far (western) end in front of the tank field. In addition, the overall slope of the water drainage was re-routed into the trench drain system and roof drains from the canopy were added below grade to the storm water system. Finally, a 1,500-gallon oil/water separator was also added to the system prior to discharging into the storm drain for the GVP. The surface drains on-site are directly tied into the storm drain system for the GVP which discharges off-site to the west of Greenridge Drive.

In addition, surface drainage on the east side of the site station drains to a rip-rap channel between the GVP and the GVSC. The rip-rap channel eventually discharges to a storm drain located on the GVSC property. The storm drain eventually discharges to the surface between Rye Lane and Farm Lane approximately one-eighth mile south of the site. Precipitation at the site becomes overland flow that runs down topographic slope toward the south with a portion of the flow collected in the storm water system in the GVP and the GVSC. The closest surface water body is Fahrney Branch, approximately 2,400 feet to the south.

### **2.4 Site Geology**

Current subsurface soil and geologic understanding is based on previous monitoring well and soil boring logs and research of regional geology. Continued refining of this information will occur using information gathered from the work plan as described below.



The current understanding of the site geology is based on on-site potable well logs, monitoring well installations, geophysical testing of select wells, and the 2002 United States Geologic Survey (USGS) publication *Digital Geologic map and Database of the Frederick 30' x 60' Quadrangle, Maryland, Virginia, and West Virginia*, Version 1.0. Based on this document, the site is located within the Westminster terrane of the Central Piedmont Province. The geologic unit beneath the site is the Marburg Formation (Late Proterozoic Era) and is made up of phyllite and metasiltstone. The stratigraphic units of the Westminster terrane of the Central Piedmont include (from late to early): Wakefield Marble, Sams Creek Formation, Ijamsville Phyllite, Marburg Formation, and the Prettyboy Schist. Strike directions in the vicinity of the site reported as running north-northeast to south-southwest with dips ranging from 81° east to 84° west. The variation in dip direction and degree is presumed to be due to the foliated nature of the Marburg Formation. The strike and dip of the major fractures and other brittle structural features of the formation may be particularly important for understanding the fate and transport of impacted groundwater as these secondary porosity features are typically the main avenue of groundwater flow in igneous and metamorphic rocks.

Based on the five on-site potable water supply wells, the Marburg Formation yields low quantities of groundwater. In total, the five potable wells reportedly yield a total of two gallons per minute (gpm). This is common for metamorphic formations in general which tend to contain fracture dominated flow paths. The amount of water will be highly dependent on the penetration of a pumping well with a fracture zone and the interconnectivity of the fractures.

Overlying the Marburg Formation, the overburden material is comprised of unconsolidated sediment (silt) and saprolite. The overburden was identified in the previous monitoring well and soil boring logs, specifically monitoring wells MW-9 through MW-13, monitoring wells MW-5 through MW-8, monitoring wells MW-1 through MW-4 installed in February 2006 and soil borings GP-1 through GP-10 advanced in September 2005. Overburden groundwater has not been encountered at the site. The subsurface geology encountered by Alliance during the well installation activities was consistent with published information for the area.

## 2.5 Hydrogeology

Groundwater beneath the site occurs in the bedrock (Marburg Formation described in Section 2.4) at soft water-bearing zones ranging in depth from 44 feet (MW-1) to 55 feet (MW-6) below ground surface (bgs). No groundwater has been observed in the soil or saprolite overlying bedrock by the subsurface investigation activities conducted by Alliance.

Groundwater flow through the bedrock beneath the site is thought to be predominantly determined by secondary permeability features (fractures, stress cracks, bedding plane partings, etc.), with a negligible flow component attributed to primary permeability (movement of water through intergranular pore spaces in the rock matrix). Flow of groundwater through the bedrock aquifer system may be influenced by the use of residential and commercial potable water supply wells installed into the bedrock around the site.

## 2.6 Soil Quality Data Summary

A soil boring investigation was conducted in September 2005. Soil borings GP-1 through GP-10 were advanced in as part of initial site assessment activities. In addition, in May and June 2007, soil samples were collected during the installation of the soil vapor points around the former tank field. Soil samples were analyzed for full suite VOCs plus oxygenates in accordance with EPA Method 8260 and TPH for both GRO and DRO in accordance with EPA Method 8015. Soil sample analyses did not indicate concentrations above MDE Non-Residential Cleanup standards. A summary of historical soil sampling results is included on Table 1.

In July 2008, the existing UST system was closed as detailed in the UST System Closure Soil Sampling Results report dated August 22, 2008. As part of this closure, the former UST field was over-excavated for the installation / construction of a new UST system. In addition, areas around the former dispensers beneath the canopy were over-excavated to make room for the new product dispensing system. Post-excavation soil sampling results were below MDE standards. UST sampling soil analytical data is outlined on Table 2.

## 2.7 Groundwater Elevation and Quality Data Summary

Seventeen of the seventeen monitoring wells were purged and sampled in accordance with Alliance's *Standard Operating Procedures*, industry standards, and regulatory requirements on January 15 and 18, 2010. The procedures utilized during sampling include a required minimum of three borehole volumes be purged before sampling. Groundwater samples were shipped to Fairway Laboratories (Fairway) of Altoona, Pennsylvania under chain of custody protocols for analysis of volatile organic compounds (VOCs) including oxygenates in accordance with EPA Method 8260 and total petroleum hydrocarbons (TPH) for both gasoline-range organics (GRO) and diesel range organics (DRO) in accordance with EPA Method 8015B. Groundwater analytical (petroleum compounds only) and gauging results are present in Table 3 and laboratory analytical reports are presented in Attachment I.

The groundwater-gauging results collected during the groundwater-sampling event on January 15, 2010 ranged from an elevation of 56.36 feet (MW-2) to 44.89 feet (MW-6). As presented in Figure 3 the predominant groundwater flow direction is to the south-southeast which is consistent with previous groundwater flow projections.

Analytical results indicated that the groundwater sample collected from monitoring wells MW-7, MW-8, MW-10, MW-13, MW-14-D, MW-15D, and MW-17D were above MDE Generic Numeric Cleanup Standards (MDE GNCS) for MtBE. TPH-GRO concentrations were above standards in monitoring wells MW-7, MW-13, MW-15D and MW-17D. Analytical results (petroleum compounds only) are included in a groundwater analytical map presented in Figure 4.



The January 2010 groundwater sampling event indicated:

**MONITORING WELLS:**

**Analysis Requested:**

Full VOCs and oxygenates by EPA Method 8260; TPH-GRO and TPH-DRO by EPA Method 8015B

**Maximum Dissolved Benzene Concentration (ug/l):**

Not detected

**Maximum Dissolved MTBE Concentration (ug/l):**

17,400 ug/l in monitoring well MW-7

**Maximum Dissolved TPH-GRO Concentration (ug/l):**

234 ug/l in monitoring well MW-7

**Maximum Dissolved TPH-DRO Concentration (ug/l):**

Not detected

**Maximum LPH Thickness (ft):**

No LPH detected

**TANK FIELD WELLS:**

**Analysis Requested:**

Full VOCs and oxygenates by EPA Method 8260; TPH-GRO and TPH-DRO by EPA Method 8015B

**Maximum Dissolved Benzene Concentration (ug/l):**

Not sampled- dry

**Maximum Dissolved BTEX Concentration (ug/l):**

Not sampled- dry

**Maximum Dissolved MTBE Concentration (ug/l):**

Not sampled- dry

**Maximum Dissolved TPH-GRO Concentration (ug/l):**

Not sampled- dry

**Maximum Dissolved TPH-DRO Concentration (ug/l):**

Not sampled- dry

**Maximum LPH Thickness (ft):**

No LPH detected

## 2.8 Quarterly Non-transient, Non-community Supply Well Sampling

In a MDE directive dated December 12, 2008, the monitoring requirement for the five potable water supply wells at the GVP was reduced to sampling of two potable supply wells located at the south side of the shopping center and identified as FR-94-1233 and FR-94-1281. The three remaining supply wells will continue to be sampled on an annual basis in October.

In accordance with MDE directives, two of the five water supply wells at the GVP and three water supply wells at the adjacent GVSC are sampled on a quarterly basis. In addition, three additional water supply wells at the GVP are sampled on an annual basis in October. It should be noted that some of the potable wells located at the GVP are occasionally dry and/or the pumps are not working, therefore water samples cannot be collected. In January 2010, the water supply wells were sampled in accordance with Alliance's Standard Operating Procedures which follow industry standards, and regulatory requirements. Groundwater samples were shipped to Fairway

under chain of custody protocols for analysis of VOCs including oxygenates in accordance with EPA Method 524.2 and TPH for both GRO and DRO in accordance with EPA Method 8015.

Groundwater analytical data indicated concentrations below MDE GNCS. Groundwater analytical results (petroleum compounds only) are summarized in Tables 4 and 5 and laboratory analytical reports are presented in Attachment I.

## **2.9 Quarterly Non-transient, Non-community Supply Well POET System - GVP**

A POET system was installed on the GVP in September 2008 based on influent concentrations. Monthly water samples are collected from the POET system as per the MDE directive and to evaluate system efficiency. Monthly water samples were collected from the influent (pre-carbon), mid-fluent and effluent (post carbon) of the POET system. The water samples were shipped to Fairway under chain of custody protocols for analysis of VOCs including fuel oxygenates in accordance with EPA Method 524.2. Effluent groundwater analytical data indicated concentrations below MDE standards. Influent, mid-fluent and effluent groundwater analytical results (petroleum compounds only) are summarized in Table 6 and laboratory analytical reports are presented in Attachment I.

Based on the fact that it has been more than one year since the start of the system, a carbon change out was conducted on January 22, 2010.

## **2.10 Quarterly POET System Sampling**

The six residential potable wells that have POET systems installed are located at:

- ◆ 3997, 3996, 3994, 3992, and 3990 Farm Lane; and
- ◆ 3923 Rosewood Drive.



Currently, quarterly water samples are collected from the POET systems, as per the MDE directive and to evaluate system efficiency. The quarterly water samples were collected in January 2010 from the influent (pre-carbon), mid-fluent (after second carbon vessel) and effluent (post carbon) of the POET systems. The water samples were shipped to Fairway under chain of custody protocols for analysis of VOCs including fuel oxygenates in accordance with EPA Method 524.2. For this quarterly sampling event, effluent groundwater analytical data indicated concentrations below MDE standards. POET system analytical results (petroleum compounds only) are presented in Table 6, influent MtBE concentrations are summarized on Figure 5, and the laboratory analytical reports are included in Attachment I. Notification letters have been sent to each resident with the results of the supply well testing. Carbon changes have been conducted dictated by the analytical data.

### **2.11 MDE Residential Potable Well Sampling**

Based on MDE directives, 125 residences within a one-half mile radius of the site have been selected for residential potable well sampling. To date, sampling activities have been conducted on 116 domestic water supply wells. The nine remaining residents have been notified, but have either chosen not to participate or have not responded to the request for sampling.

In addition to residential potable well sampling activities conducted by Alliance since April 2007, the MDE has also initiated residential potable well sampling activities in conjunction with two additional MDE cases (Green Valley Garage and Cameron Court Investigation) in the vicinity of the site. The results of the MDE sampling activities (133 to date) have been provided to Alliance are summarized on Table 7. The addresses indicated with an asterisk (\*) were sampled by the MDE as part of the combined investigations. With the exception of one residence (11903 Cameron Court), MtBE concentrations have not been detected above the GCNS. The MDE has supplied and maintains a POET system at this location. It should be noted that the Cameron Court investigation has not been linked to on-going activities at the Green Valley Citgo and that subsequent sampling has indicated concentrations below the MDE GNCS.

Continued residential potable well sampling is discussed further in the next section.

## 2.12 Residential Potable Well Sampling

In accordance with MDE directives, potable water samples are collected from the following residential potable wells on a quarterly basis:

- ◆ 3985, 3987, 3989, 3991, 3993, 3995 and 3998 Farm Lane
- ◆ 3829, 3931, 3933, 3835, and 3837 Green Ridge Road
- ◆ 3737, 3739 and 3740 Blueberry Court

In accordance with MDE directives, potable water samples are collected from the following residential potable wells on a semi-annual basis in January and July:

- ◆ 3992, 3994, 3996 and 3998 Rye Lane
- ◆ 3979, 3981, 3983 and 3984 Farm Lane

Quarterly potable water samples were collected in January 2010 from the influent (closest point of entry to the pressure tank). The collected water samples were shipped to Fairway under chain of custody protocols for analysis of VOCs including fuel oxygenates in accordance with EPA Method 524.2. Concentrations were not detected above MDE GNCS. Analytical results (petroleum compounds only) are presented in Table 8, summarized on Figure 6, and the laboratory analytical reports are included in Attachment I. Notification letters have been sent to each resident with the results of the supply well testing.

### 3.0 CONTINUING HYDROGEOLOGIC INVESTIGATION

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To further evaluate and improve upon the SCM, Alliance has conducted additional hydrogeologic investigation activities to further characterize the hydrogeologic system. These activities have included identifying:

- ◆ Hydrogeological conditions; and
- ◆ Groundwater preferential pathways (fractures, bedding plane partings, etc.).

The investigation activities consisted of additional monitoring well installation, down-hole geophysical survey of the newly installed wells, and a survey of the monitoring wells and area potable wells.

#### 3.1 Monitoring Well Installation

In accordance with the August 26, 2009, Work Plan Update and the September 22, 2009, MDE Work Plan Approval Letter, the following activities were completed from September 21 through 28, 2009:

- ◆ Installation of two deep monitoring wells (MW-14D and MW-15D) to aid in understanding the vertical distribution of the hydrocarbon plume; and
- ◆ Installation of two shallow groundwater monitoring wells (MW-16 and MW-17) which are located within 40 to 50 feet of existing monitoring well MW-10 to the east and west, respectively.



Prior to initiating site drilling activities, a 72-hour notice was provided to the utility service as required by Maryland state law and drilling permits for monitoring well installation were obtained from the Frederick County Health Department. In addition, soft dig procedures were used to clear the soil borings to a depth of at least five feet including the entire circumference of the augers (minimum 12-inch diameter).

On September 21 through 28, 2009, Alliance supervised the installation of four monitoring wells (MW-14D through MW-17). Monitoring well locations are included on Figure 2. Drilling activities were conducted by a Maryland licensed driller under the supervision of an Alliance geologist utilizing the air-rotary method. During drilling activities, subsurface materials were logged continuously for grain size, texture, color and for indications of petroleum impact such as odor or staining. Additional soil characterization was not planned or deemed necessary due to the lack of soil impacts outside the tank field and piping, distance of the proposed soil borings from the potential source area, and the proximity of these locations to existing wells. Lithological information is outlined on the boring logs included in Attachment II.

Monitoring well MW-14D was installed to a depth of 273 feet bgs which is similar in depth to the deepest potable wells in the site vicinity. The depth was selected based on the geophysical testing conducted on the site potable wells in June 2007 which verified their depths and the construction of the residential wells in the vicinity of the site. Monitoring well MW-14D was proposed to be located along the observed preferential path for contaminant migration but in the lower portion of the highly concentrated contaminant concentrations to minimize the potential cross contamination during drilling yet provide for adequate vertical delineation of contaminant concentrations.

Monitoring well MW-15D was constructed to a depth of 132 feet bgs, a sufficient depth to provide adequate yield for the upcoming pilot test. This depth is slightly greater than existing monitoring wells but is sufficiently shallow to minimize the effects of the pump test drawing upper level impacted groundwater into any deeper, underlying water production zones.

Two additional shallow monitoring wells (MW-16 and MW-17) were installed to facilitate characterization of subsurface conditions, to further delineate the horizontal extent of the plume on-site along the downgradient property boundary and to assist in the evaluation of the effects of geologic structure in plume migration. The monitoring wells were installed to a maximum depth of 120 feet bgs.

In order to properly seal off the top portion of the overburden and prevent caving, the upper portion of the monitoring wells was constructed using steel casing. The air rotary drill rig was first equipped with a nominal twelve-inch drill bit to drill a twelve-inch borehole to a depth of ten and a half feet bgs. Eight-inch diameter, 3/8-inch thick steel casing was installed to the total depth of the initial borehole. Grout was then tremie grouted/pumped into the annulus between the eight-inch steel casing and the borehole to grade.

After allowing the grout to set for at least 12-hours, a nominal eight-inch drill bit was used to drill to the planned depth. The monitoring wells were left as open boreholes within the bedrock to allow for the collection of groundwater to evaluate appropriate well construction. The soil borings were finished with locking well caps and bolt-down watertight flushmount manholes as required by Code of Maryland Regulations (COMAR). Monitoring well construction details and corresponding permit numbers are summarized on Table 9.

At this time, the monitoring wells were completed as open bore holes to depth. Modifications to well design (completion of the borings as permanent monitoring wells) are included in the work plan in Section 5.0.

Following drilling, Alliance personnel surveyed the top of casings for the four new monitoring wells. Elevation measurements were referenced to an arbitrary datum (100.00 feet) established for the site to evaluate groundwater elevation and flow direction. Overpumping via the air rotary rig was initially utilized to develop the monitoring wells and remove potential suspended material from the water column. After the initial well development via the air rotary rig, the monitoring wells were developed by pumping with a submersible pump (September 28 through



30, 2009) until a relatively clear discharge was observed (approximately five well volumes). Development via the submersible pump assisted in minimizing the short term effects of the air rotary drilling operation on the chemical characterization of the groundwater within the monitoring wells. During the air rotary drilling and subsequent development activities, the pumped water (approximately 11,379 gallons) was containerized and disposed off-site utilizing a vac truck. The water disposal manifests are attached in Attachment III. In addition, the soil and rock cuttings from monitoring well installation activities were containerized in drums for off-site disposal. The soil and rock cuttings disposal manifests are attached in Attachment IV.

### **3.2 Pilot Testing Activities**

In accordance with the August 26, 2009, Workplan Update and the September 22, 2009 MDE Workplan Approval Letter, from October 5 through 22, 2009, pilot testing activities were conducted. The pilot testing consisted of the following:

- ◆ On October 5, 2009, the two potable wells on the south side of the site (FR-94-1233 and FR-94-1281) were shut down and the pumps removed so that the potable wells could be monitored during pilot testing activities and that testing could be completed under non-pumping conditions;
- ◆ Background monitoring prior to the constant-rate pump test to evaluate natural (e.g., those resulting from barometric pressure changes) fluctuations in groundwater levels under non-pump test conditions. On October 5, 2009, transducers were placed in the pumping well MW-15D, and monitoring wells MW-7, MW-8, MW-10, MW-13, and MW-14D. The transducers remained in the monitoring wells until completion of the pilot and recovery tests, the transducers were removed on October 26, 2009;
- ◆ A step-drawdown test was completed on monitoring well MW-15D on October 8, 2009, to verify the pumping rate for the constant-rate pump test by evaluating yield of the aquifer at the monitoring well location;
- ◆ A 72-hour constant-rate pump test to evaluate the upper bedrock aquifer under pumping conditions was conducted from October 12 through 15, 2009;

- ◆ A recovery test to evaluate the return of the upper bedrock aquifer to non-pumping conditions was conducted from October 15 through 19, 2009;
- ◆ Short term pump tests of monitoring wells MW-10, MW-13, MW-16 and MW-17 were completed October 19 through 22, 2009; and
- ◆ The pumps were replaced in the two site potable wells and the entire system was re-started on October 23, 2009.

The equipment and field activities used for each portion of the pump test event are provided below in chronological order of each test as implemented in the field. Interpretation of the results for each portion of the pump test event is provided after the discussion of the field activities.

### *3.2.1 Background Monitoring*

Background monitoring was initiated on October 5, 2009. Pressure transducers with vent line/data cables were placed in monitoring wells MW-7, MW-8, MW-10, MW-13, and MW-14D and MW-15D. The transducers recorded the water level within each monitoring well every five minutes throughout the test. In addition, a barometric pressure transducer was used on-site to track barometric pressure readings throughout the entire aquifer test event. The barometric pressure transducer logged pressure readings at the same five minute increments as the water level readings.

Security boxes and orange cones, barrels, and barriers were used to secure the well access and transducers throughout the remaining aquifer test event.

The background monitoring was completed after approximately 71 hours (three days) of logging and prior to the start of the step test. Results of the background monitoring are presented in Figure 7. The results of the background monitoring suggest that there is a fluctuation in the water levels that on average is approximately six inches; however, monitoring well MW-8 fluctuates approximately 12 inches over the course of the background monitoring. Fluctuations

are most pronounced in the water levels at this time; however, the fluctuations in the water levels are not likely related to the barometric pressure change since groundwater levels would typically rise with a decrease in barometric pressure. The cause of the fluctuation in the water levels is not known, it is possible that off-site potable wells may have had some effect.

### *3.2.2 Step Test*

To begin the pump testing activities, a four-inch Myers submersible pump was lowered into monitoring well MW-15D on October 12, 2009, to an approximate depth of 125 feet, with the pump intake at approximately 123 feet below ground surface. The pump was connected to a control box that allows for fine pumping rate adjustments and was powered via extension cord to on-site electricity. A check valve was attached just above the pump with 3/4-inch poly tubing extending to ground surface. A data logging pressure transducer was attached to the pump poly tubing at an approximate depth of 132 feet. The transducer was attached to a vent line/data cable also extended to ground surface. The surrounding transducers were re-set to record data every minute, with the exception of the pumping well which was set to record every 15 seconds.

At the surface, an in-line digital flow meter/totalizer was used to collect instantaneous flow readings. The poly tubing extended into two temporary onsite portable storage tanks that were used to temporarily contain all groundwater pumped during testing activities. A Nomad Pocket PC® and laptop computer were used to setup up tests and download water level data from the pressure transducers. In addition, a water level meter was used throughout the aquifer test event to collect hand measurements and calibrate the pressure transducers.

Step testing activities were initiated by pumping from monitoring well MW-15D and collecting drawdown data within the pumping well. The step test was conducted in steps starting at one gallon per minute (gpm) and increasing up to six gpm, as outlined below:



Step Test	Pumping Rate (gpm)	Duration (minutes)
1	1	80
2	2	150
3	3	90
4	4	90
5	5	90
6	6	60

gpm = gallons per minute

A total of approximately 2,560 gallons of water was generated during the step test and was contained within the temporary on-site portable storage tank.

Upon completion of the step test, the transducers were re-set to record every five minutes, with the exception of the pumping well which was set to record every minute.

#### Step Test Results

The results of the step test are presented on Figure 8. The results suggest a progressive increase of drawdown and stabilization to the point of the pumping rate of six gpm at which time it was evident that the storage in the formation could no longer sustain the extraction rate and resulted in a sharp decrease in the water level. Up to the point of six gpm the projection of the drawdown for each pumping step fell within the water level that would have been acceptable to prevent the monitoring well from going dry after a 72-hour pumping test. However, the drawdown at each pumping rate as illustrated in the table below indicated a non-linear and sharp decline in specific capacity as the pumping rate exceeded four gpm. The sharp decline in specific capacity above four gpm is indicative of non-laminar flow conditions (where significant head losses occur due to turbulent flow). Therefore, the projected drawdown from pumping rates above four gpm could not be predicted using specific capacity. Based on this data, a pumping rate of four gpm was chosen as the most appropriate pumping rate for the 72-hour pumping test.

Step Test	Pumping Rate Q (gpm)	Drawdown s (feet)	Specific Capacity Q/s (gpm/ft)	s/Q (ft/gpm)
1	1	NA	NA	NA
2	2	1.43	1.4	0.72
3	3	2.77	1.1	0.92
4	4	2.97	1.3	0.74
5	5	9.33	0.5	1.87
6	6	26.79	0.2	4.47

gpm = gallons per minute

It should be noted that a pumping rate of four gpm was initially utilized in the 72-hour constant rate test; however, at approximately 30 hours into the test, a significant increase of drawdown was observed, suggesting that the pumping rate of four gpm might dewater the well. Short term pumping associated with the step test is not conclusive and the characteristics of the fractured bedrock aquifer could not actually sustain the projected four gallons per minute pumping rate. Groundwater storage in these types of aquifers is typically provided in the fractures (secondary porosity) and is normally very low. The inter-connection of these fractures will ultimately determine the long term storage in the water-bearing zones. Large fractures can contribute to initially high observed yields in intercepting wells due to their high capacity for flow; however, if the fractures are not well connected to other fractures, the fracture can be dewatered and the well yield will decline significantly. It is apparent that a fracture was drained during the 72-hour constant rate test and for this reason the four gpm pumping rate selected based on the step test could not be sustained. Adjustments during the 72 hour pump test yielded a constant flow rate of approximately three gallons per minute toward the end of the pump test.

### 3.2.3 Pump Test

The aquifer pumping test was conducted from October 12 through 15, 2009. The purpose of the aquifer pumping test was to further characterize the hydrogeologic setting, to evaluate the ability to gain hydraulic control of the groundwater plume as well as to enhance the site conceptual model (SCM). The aquifer test, conducted on monitoring well MW-15D, consisted of a 72-hour pump test, intended as a constant withdrawal rate test. Results of the pumping test are presented on Figures 9 and 10.

The selected wells for this pump test included monitoring wells MW-7, MW-8, MW-9, MW-10, MW-13, MW-14D, MW-16 and MW-17, and two potable wells FR-94-1233 and FR-94-1281.

Evaluation of the step test data (discussed above) concluded that the 72-hour pump test rate should be four gpm to maximize drawdown within the pumping well MW-15D and thereby maximize drawdown influence at the observation wells without dewatering the pumping well. In order to maintain a four gpm pump rate with the hydrogeologic conditions encountered at the site, a four-inch Meyers submersible pump was selected. The bottom of the pump assembly was set at 125 feet, with the pump intake at approximately 123 feet bgs. The test was set up similar to the step test with a check valve and 3/4-inch poly tubing extending to the surface.

Pressure transducers were deployed in monitoring wells MW-7, MW-8, MW-10, MW-13, and MW-14D and MW-15D. The data loggers were calibrated and set to record water level readings every 15 to 60 seconds throughout the entire 72-hour pumping test. Prior to the start of the test, a full round of water level measurements were collected by hand from all site monitoring wells (i.e.: MW-1, MW-2 and MW-4 through MW-17) so that static conditions could be evaluated and compared to the final maximum drawdown elevations for each monitoring well.

The 72-hour pumping test was started at 2:00 PM on October 12, 2009 at a rate of four gpm. The flow rate was constantly monitored and adjustments were made when the rate was +/- 0.05 gpm from the four gpm target rate. Every two hours throughout the entire 72-hour pumping test a round of water level measurements were collected by hand from site monitoring wells. In addition, flow rate measurements and total water pumped were recorded at least every hour.

At about 30 hours into the 72-hour test, the water level within pumping well MW-15D had started to decrease rapidly indicating that the water level may reach the pump intake prior to completion of the test. Therefore, the pumping discharge rate was decreased. Fluctuations in pumping rate from four gpm to three gpm occurred throughout the remainder of the tests resulting in fluctuations in the drawdown in the pumping well (MW-15D) from 14 feet to 30 feet. At the end of the 72-hour pumping test, the pumping rate had decreased to three gpm. Figure 11



presents the pumping rate change over the course of the pumping test. Based on the totalizer used during the pumping test, a total of 14,428.84 gallons of water were pumped during the 72-hour pumping test. Based on this data, an average pumping rate of 3.38 gpm was maintained during the pumping test.

Groundwater samples were collected from the pump discharge at the beginning of the test and every 12 hours during the 72-hour pump test. Groundwater samples were collected within laboratory supplied bottle ware that was shipped in iced coolers to Fairway under chain of custody protocols for full VOCs analysis including oxygenates in accordance with EPA Method 8260, TPH-GRO and TPH-DRO in accordance with EPA Method 8015. In addition to the above analysis, the initial pump test water sample also included a suite of geochemical analyses (alkalinity ( $\text{H}_2\text{CO}_3$ ), ammonia (N), aluminum (Al), cadmium (Cd) chloride ( $\text{Cl}^-$ ), calcium (Ca), nitrate ( $\text{NO}_3^-$ ), sulfate ( $\text{SO}_4^{2-}$ ), total iron (Fe), ferrous iron ( $\text{Fe}^{+2}$ ), manganese (Mn), magnesium (Mg), potassium (K), phosphorus (P), sodium (Na), total organic carbon, total hardness, total dissolved solids, and total suspended solids). Field parameters for pH, temperature, conductivity, DO, and oxygen reduction potential (ORP) were also collected at the beginning and end of the test.

On October 15, 2009, after 72 hours of pumping, the transducers were stopped to download the pump test data and set up for recovery monitoring, and a full round of water levels were collected.

An approximate total of 14,429 gallons of water were pumped during the 72-hour pump in addition to the 2,560 gallons pumped during the step test. The water was transported offsite and treated as non-hazardous/non-regulated waste by Subsurface Technologies, Inc. of New Windsor, MD as required by MDE. The groundwater disposal documentation is included in Attachment III.

## 72-Hour Pump Test Results

### Drawdown Responses

Table 10 presents a summary of drawdown responses observed at the end of the 72-hour pumping test. Positive drawdown ranged from 0.01 feet in monitoring well MW-6 to 30.10 in pumping well MW-15D. Other than the pumping well, the greatest observed drawdown was approximately four feet at monitoring well MW-7. Figure 12 presents a geometric plot of the maximum drawdown achieved during the 72-hour constant rate pumping test. Drawdown was not corrected for barometric pressure, as there were no apparent barometric effects.

Based on the results of the constant rate pumping test and the plot of the results (Figure 12), it is apparent that a preferential flow direction (anisotropy) exists on the site trending from the northeast to the southwest. The anisotropy is based on the variation of hydraulic conductivity parallel to the preferential flow direction and perpendicular to the preferential flow direction. Based on the geometry exhibited on Figure 12, it is estimated that an anisotropy ratio of approximately 3 to 1 exists within the fractured bedrock aquifer at the site.

Based on the pumping test results, it is apparent that the water-bearing zone reacts in a manner that is consistent with an unconfined fractured rock aquifer with delayed yield. The lack of observed instantaneous drawdown at distant wells indicative of a confined aquifer along with the lack of a confining layer and no groundwater in the overburden exclude the possibility of a confined or leaky aquifer. It should be noted that vertical gradients could not be evaluated from the pump test since the screened intervals of the monitoring well network all overlapped.

### Distance-Drawdown Evaluation

Figure 12 presents a semi-log plot of distance-drawdown for all the monitoring wells. Figure 13 presents the distance-drawdown plot for wells falling along the axis of preferential flow (northeast to southwest), and Figure 14 presents the distance-drawdown for monitoring wells perpendicular to the apparent preferential flow axis.

Although correlation is relatively poor for all of the distance-drawdown plots, the best correlation is for the monitoring wells plotted along the preferential flow axis (northeast to southwest – Figure 13). The poor correlation between distance and drawdown for all plots is attributed to the heterogeneity of the aquifer. However, the somewhat better correlation along the northeast to southwest axis provides further evidence of the anisotropy of the aquifer.

#### Time-Drawdown Evaluation

As presented on Figures 9 and 10, the time-drawdown plot for the pumping well (MW-15D) is somewhat erratic; however, those of the proximate monitoring wells (Figure 10) are more stable. Adjustments made throughout the test to the pumping well (MW-15D) are evident in all of the monitoring wells. For evaluation of time-drawdown, monitoring wells MW-7 and MW-14D provide the best plot for evaluation. A diagnostic evaluation of the drawdown curves suggests that they exhibit typical unconfined drawdown with a potential delayed yield. It should be noted that it is difficult to clearly evaluate the delayed yield, since adjustments to the flow rate in the pumping well could also be contributing to the “shallow S curve” that is evident in the data.

#### Hydraulic Parameter Estimation

Based on the results of the graphical time-drawdown evaluation above, pumping test data for monitoring wells MW-7, MW-8, MW-10, MW-13, MW-14D were fitted to commonly-used analytical model (Theis, 1935) for both confined and unconfined conditions using AQTESOLV Pro software. It should be noted that these methods were utilized based on the data that was available for analyses. It was difficult to evaluate if a delayed yield was evident due to the variation in the pumping well (MW-15D) could have artificially created this characteristic in the drawdown data.

AQTESOLV curve matching to the Theis method (assuming no delayed yield) is presented in Attachment V. The analytical data generally tended to fit the unconfined Theis curve which is consistent with the understanding of the aquifer system. The aquifer parameter estimates for monitoring wells MW-7, MW-8, MW-10, MW-13, and MW-14D are summarized in Table 11. For the purposes of this analysis, it was assumed that the aquifer has a thickness of 100 feet. The



estimated transmissivity ranged from a low of 0.198 ft<sup>2</sup>/d at monitoring well MW-7 to a high of 28.4 ft<sup>2</sup>/d at monitoring well MW-14D. The corresponding estimated hydraulic conductivity ranged from a low of 0.00198 ft/d at monitoring well MW-7 to a high of 0.284 ft/d at monitoring well MW-14D. The geometric mean transmissivity is 2.16 ft<sup>2</sup>/d, and the geometric mean hydraulic conductivity is 0.0216 ft/d. This wide range of transmissivity and conductivity estimates is indicative of a very heterogeneous medium consistent with a fractured bedrock aquifer.

Estimated storativity values ranged from a low of 0.00234 to a high of 0.221. The geometric mean storativity is 0.0165. These values are indicative of an unconfined to semi-confined medium, consistent with the fractured bedrock aquifer at the site.

#### Limited Capture Zone Evaluation

To evaluate the capture zone of the pumping well (MW-15D), static groundwater elevations collected prior to the pumping test (October 5, 2009) were compared to groundwater elevations at the point of maximum drawdown just prior to the end of the constant rate test (October 15, 2009). Figure 15 presents the static groundwater elevations, and Figure 16 presents the groundwater elevations at the point of maximum drawdown. Without accounting for the effects of aquifer heterogeneity and anisotropy, Figure 16 suggests that pumping of MW-15D could capture groundwater in the area to the north and northeast of the pumping well and a somewhat larger area to the south and southwest of the pumping well. This drawing suggests that pumping of monitoring wells MW-15D would not capture the southern area of the site encompassed by monitoring wells MW-10, MW-14D, MW-17, and MW-16. It should be noted that drawdown influence illustrated on Figure 11 does not necessarily imply capture. This limited capture zone evaluation provides a basis for remedial design; however, a more thorough capture zone evaluation is required prior to design of a potential groundwater extraction system.

### *3.2.4 Recovery Monitoring*

Upon completion of the 72-hour pump test, the data logging transducers were prepared for water level recording every 30 seconds (transducers were left in monitoring wells between tests with new tests initiated via the data cable that extends to ground surface). Data loggers were left within the same monitoring wells as listed during the 72-hour pumping test. The recovery monitoring was started on October 15, 2009 after 72 hours of constant rate pumping, in conjunction with shutting off the pump. Based on the traffic area, the pump assembly was removed from pumping well MW-15D approximately 15 minutes after the end of the test. The transducer was left in the monitoring well during the entire recovery test. On October 19, 2009, after approximately 22 hours, the recovery monitoring was stopped. The pumping equipment was removed; however, the transducers remained in the monitoring wells for the upcoming short term pump tests.

#### Recovery Monitoring Results

Figures 9 and 10 present the plots of the recovery data from each transducer deployed during the recovery. Table 10 presents the maximum drawdown from pre-pumping groundwater elevations to final groundwater elevations at the end of the constant rate pumping test. At least 90% recovery was obtained in the majority of the monitoring wells at the completion of recovery. These results indicate that by the end of the recovery period, most of the groundwater storage removed during the pump test had been restored by groundwater flow from the aquifer.

### *3.2.5 Short Term Pump Tests*

In addition to the 72-hour pump test, a series of short term single-well pumping tests (four hour) were conducted on monitoring wells MW-10, MW-13, MW-16 and MW-17, from October 19 through 22, 2009. The objective of the short term tests was to estimate hydraulic conductivity at the respective wells to aid in evaluating the effects of geologic structure in groundwater and contaminant migration. For each short term test, the pump was set near the bottom of the monitoring well and the pump rate was evaluated based on the drilling operations and observed

test data. Nearby selected monitoring wells were monitored to evaluate the hydrologic connectivity between monitoring wells both along strike and across strike of the projected fracture orientation of northeast to southwest. A sustained pumping rate was established for each monitoring well test. The individual short term pump tests were staggered from one side of the site to the other as well as adjusted in schedule to insure the completion of one monitoring well test would not interfere with the data collected from the subsequent test.

A two-inch and a four-inch Myers submersible pump were used for pumping and pumping rates were selected based on data observed during monitoring well installation and subsequent monitoring well development activities. The test was set up similar to the step test with a check valve and 3/4-inch poly tubing extending to the surface. The data loggers were calibrated and set to record water level readings that ranged from 15 to 60 seconds throughout the four days of testing. An outline of the specific parameters for each short term pump test is provided below:

Monitoring Well	Test Date	Pump Used	Pump Depth (feet)	Intake Depth (feet)	Average Pumping Rate (gpm)	Test Duration (minutes)	Water Generated (gallons)
MW-17	10/19/09	4-inch	115	113	7.03	238	1,674
MW-13	10/20/09	2-inch	75	73	2.19	250	550
MW-10	10/21/09	2-inch	70	68	2.96	283	837
MW-16	10/22/09	4-inch	110	108	15.54	489	7,600

gpm = gallons per minute

The flow rate was constantly monitored and adjustments were made when the rate was +/- 0.05 gpm above or below the target rate. Every two hours throughout the tests a round of water measurements were collected by hand from site monitoring wells. In addition, flow rate measurements and total water pumped measurements were recorded at least every hour.

Groundwater samples were collected from the pump discharge at the beginning and end of the test. Groundwater samples were collected within laboratory supplied bottle ware that was shipped in iced coolers to Fairway under chain of custody protocols for full VOCs analysis including oxygenates in accordance with EPA Method 8260.



An approximate total of 10,661 gallons of water were pumped during the short term pump tests. The water was transported off-site and treated as non-hazardous/non-regulated waste by Subsurface Technologies, Inc. of New Windsor, MD as required by MDE. The groundwater disposal documentation is included in Attachment III.

#### Short Term Pump Test Results

Due to transducer malfunctions, the data from monitoring wells MW-10 and MW-17 could not be analyzed, and manual measurements were not collected frequently enough to analyze the data. Based on the results of the graphical time-drawdown evaluation, short term pumping test data for monitoring wells MW-13 and MW-16 were fitted to a commonly-used analytical model (Theis, 1935) under both confined and unconfined conditions. It should be noted that these methods were utilized based on the data that was available for analyses. AQTESOLV Pro software was used to evaluate the aquifer characteristics.

Curve matching graphs and data to the Theis method (assuming no delayed yield) is presented in Attachment V. Generally the analytical models and data tended to better fit the unconfined Theis curve which is consistent with the understanding of the aquifer system at the site. The aquifer parameter estimates for monitoring wells MW-13 and MW-16 are shown in Table 12. For the purposes of this analysis, it was assumed that the aquifer has a thickness of 100 feet. The estimated transmissivity ranged from a low of 0.33 ft<sup>2</sup>/d at monitoring well MW-13 to a high of 129 ft<sup>2</sup>/d at monitoring well MW-16. The corresponding estimated hydraulic conductivity ranged from a low of 0.0033 ft/d at monitoring well MW-13 to a high of 1.29 ft/d in monitoring well MW-16. The estimated transmissivity and hydraulic conductivity from the short-term pump tests at monitoring wells MW-13 and MW-16 are generally consistent with these parameter estimates derived from the 72-hour pump test described above. However, the estimated hydraulic conductivity at monitoring well MW-16 was an order of magnitude higher than that of any well evaluated from the 72-hour test. This higher conductivity at monitoring well MW-16 is consistent with a higher yield observed during drilling and development and suggests that monitoring well MW-16 is connected to a higher-yielding fracture or fracture zone.

#### *MW-10 Short Term Pumping Test*

The time-drawdown plots for the short term pumping test for monitoring well MW-10 is presented on Figure 17. With an average pumping rate of 2.96 gpm, a maximum drawdown of approximately 26 feet was observed in monitoring well MW-10 with drawdown in the surrounding monitoring wells ranging from 0 to approximately 0.42 feet. The monitoring wells closest to the pumping well (MW-14D, MW-16, and MW-17) showed the most significant drawdown with a geometric distribution that was relatively evenly distributed in a radial pattern outward in all directions from the pumping well. No preferential flow directions were evident in this pumping test.

#### *MW-13 Short Term Pumping Test*

The time-drawdown plots for the short term pumping test for monitoring well MW-13 is presented on Figure 18. With an average pumping rate of 2.19 gpm, a maximum drawdown of approximately 10 feet was observed in monitoring well MW-13 with drawdown in the surrounding monitoring wells ranging from 0 to approximately 0.3 feet. Only one monitoring well (MW-15D) closest to the pumping well showed the most significant drawdown. The remainder of the monitoring wells did not exhibit any drawdown. This drawdown characteristic suggests a strong preferential flow direction along a north-south axis.

#### *MW-16 Short Term Pumping Test*

The time-drawdown plots for the short term pumping test for monitoring well MW-16 is presented on Figure 19. With an average pumping rate of 15.54 gpm, a maximum drawdown of approximately 10 feet was observed in monitoring well MW-16 with drawdown in the monitoring wells ranging from 0 to approximately 2.75 feet. The monitoring wells closest to the pumping well (MW-10, MW-14D, and MW-17) showed the most significant drawdown with a geometric distribution that suggested a preferential flow direction that trends northeast to southwest.

It should be noted that this well exhibited a much higher flow rate than any of the other pumping wells. This area of the site may be associated with a fracture that is capable of much higher yield than the other areas of the site evaluated with pumping tests.

Only one monitoring well (MW-15D), which is closest to the pumping well, showed the most significant drawdown during the monitoring well MW-16 short-term pump test. The remainder of the monitoring wells did not exhibit any drawdown. This drawdown characteristic suggests a strong preferential flow direction along a north-south axis.

#### *MW-17 Short Term Pumping Test*

A short term pumping test was completed for monitoring well MW-17; however, due to several apparent transducer malfunctions, the data was erratic and was not reliable for the distance drawdown evaluation and subsequent interpretation for preferential flow patterns.

### **3.2.6 Groundwater Sampling and Analysis**

The following is a summary of the groundwater sampling and analysis results for the samples collected during the 72-hour pump test and the short term pumping tests:

#### 72-Hour Pumping Test

Results of the groundwater samples collected every 12 hours during the pumping test to evaluate petroleum constituents are presented on Table 13. For the most part, no BTEX compounds were detected throughout the entire pumping test suggesting the absence of these compounds in the groundwater proximate to monitoring well MW-15D. MtBE concentrations (9,140 to 17,000 ug/l), TBA (9,050 to 19,500 ug/l), TAME (98.4 to 366 ug/l), ETBE (non-detected to 1.74 ug/l), and DIPE (53.9 to 158 ug/l) remained relatively constant over the duration of the pumping test suggesting that the zone of influence of the pumping well (MW-15D) is well connected to the existing contaminant plume and a significant amount of dissolved-phase impacts exist in the groundwater proximate to monitoring well MW-15D to maintain a constant concentration at the



pump intake. Laboratory analytical reports including chain-of-custody documentation are attached in Attachment I.

Although interpretation of the minor variation in the contaminant concentrations is somewhat speculative, the data suggests that lower concentrations were evident in the middle portion of the pumping test (sample MW15DPUMPTEST4 and MW15DPUMPTEST5). The variation in the concentrations could be attributable to the dewatering of specific fractures within the aquifer or the variation (lowering) of the pumping rate that resulted in recovery of water as opposed to active dewatering of fractures. Regardless, for the most part, the data suggests that the concentrations remained generally constant throughout the pumping test.

Results of the geochemical analyses from groundwater samples collected at the beginning of the pumping test are presented on Table 14. The results of the general geochemical analyses will be reviewed for engineering parameters as part of the CAP design.

#### Short Term Pumping Tests

The sampling results for the petroleum constituents collected during the short term pumping test conducted in monitoring wells MW-10, MW-13, MW-16, and MW-17 are presented on Table 15. As discussed above, groundwater samples were collected at the beginning (initial) and the end (final) of each of the short term pumping tests.

No BTEX compounds were detected in any of the short term pumping tests suggesting the absence of these compounds in the groundwater proximate to each of the pumping wells (MW-10, MW-13, MW-16, and MW-17).

Generally, the results of the short term pumping tests suggest that the MtBE, TBA, TAME, ETBE, and DIPE concentrations remained relatively constant over each of the short term pumping tests suggesting that the zone of influence of each of the specific pumping wells was well connected to the existing contaminant plume and a significant dissolved-phase impacts exist

in the groundwater proximate to each of the pumping wells to maintain a constant concentration at the pump intake.

### *3.2.7 Pilot Test Summary and Conclusions*

Based on the evaluation of the data obtained during the 72-hour pump test, the recovery test and the short term pumping tests, the following conclusions can be made:

- ◆ The aquifer underlying the site consists of a fractured bedrock system that exhibits unconfined conditions. Barometric pressure appears to have limited to no influence on the groundwater levels at the site.
- ◆ The primary storage of available groundwater in the aquifer is in fractures (secondary porosity) that may not be well connected on a regional basis, but rather are local fracture systems with limited long term yield that are primarily controlled by the degree of interconnection to other local fracture systems.
- ◆ Long-term sustainable groundwater yields on the site likely range from 1.5 to 2.0 gallons per minute.
- ◆ Preferential flow is evident along a northeast to southwest axis with a hydraulic conductivity anisotropy ratio of approximately 3 to 1.
- ◆ The capture zone of monitoring well MW-15D from the 72-hour pump test appears to cover most of the site monitoring well network with the exception of the southern-most area encompassed by monitoring wells MW-10, MW-14D, MW-16, and MW-17.
- ◆ Estimated average hydraulic conductivity of the aquifer from the 72-hour pump test is 0.0216 ft/d, and the estimate average transmissivity is 2.16 ft<sup>2</sup>/d. Estimated hydraulic conductivity ranges from a low of 0.00198 ft/d at monitoring well MW-7 to 1.29 ft/d at monitoring well MW-16. This broad range of values is indicative of a very heterogeneous medium, consistent with a fractured bedrock aquifer. The higher conductivity at monitoring well MW-16 is consistent with its relatively higher yield observed during drilling and development.

- ◆ Groundwater analytical results suggest that concentrations of BTEX compounds are absent from the groundwater; however, elevated concentrations of MTBE, TBA, TAME, ETBE, and DIPE concentrations are in the groundwater. Concentrations of the elevated constituents remained relatively constant during the 72-hour pumping test and during the short term pumping tests suggesting that the zone of influence of these wells was intercepting a source of these constituents in the groundwater.

### 3.3 Geophysical Testing and Fracture Zone Evaluation

In order to continue an evaluation of the deeper aquifer(s) and/or the associated presence of potential fractures and bedding plane or foliation partings that may preferentially affect groundwater and contaminant migration, Alliance conducted geophysical testing of one deep monitoring well (MW-14D) and the two new shallow monitoring wells MW-16 and MW-17 on November 2 and 3, 2009. The testing was conducted by Earth Data of Centreville, Maryland. The objective was to identify and evaluate the orientation of planar features such as fractures and bedding planes and to locate and characterize water-producing fracture zones. The down-hole geophysical logs include:

- ◆ Natural Gamma;
- ◆ Fluid Temperature;
- ◆ Three-Arm Caliper (Caliper);
- ◆ Heat-Pulse Flowmeter (HPFM);
- ◆ Single-Point Resistance (SPR);
- ◆ Spontaneous Potential (SP); and
- ◆ Acoustic Televiewer (ATV).

A description of the down-hole geophysical logs, an interpretation of the geophysical data, and a discussion of the results along with supporting tables, graphics, and attachments are presented in Attachment VI of this report.



Fractures, which may serve as groundwater producing zones in a bedrock aquifer system, were identified within all three monitoring wells tested using the caliper, and ATV logs. A total of 35 fractures were observed within the three monitoring wells tested at depths between 10 and 273 feet below ground surface. A total of 15 bedding features were identified from monitoring wells MW-16 and MW-17. A total of 21 bedding features were identified from monitoring well MW-14D.

Groundwater may preferentially flow along strike of bedrock aquifer system features such as fractures and bedding planes. Therefore, an understanding of the dominant orientations of these structural features is critical in evaluating groundwater flow and contaminant transport at the site. Based on an evaluation of the fractures identified by the ATV logs, the mean fracture strike was N31°E, and the mean fracture dip was 58° SE. The 95% confidence interval of fracture strike was  $\pm 13^\circ$ , and the 95% confidence interval of fracture dip was  $\pm 7^\circ$ . The evident northeast-southwest preferential flow axis evidenced by the pump test and groundwater quality data, taken together with fracture orientation data from the ATV logs, suggests that fracture strike is a controlling factor for groundwater flow at the site. Bedding, banding, and foliation features were also identified within the three monitoring wells using the ATV logs.

Heat-pulse flowmeter (HPFM) logging of monitoring wells MW-14D, MW-16, and MW-17 detected little to no vertical flow within these boreholes. The only vertical flow was detected at the detection limit of the HPFM instrument of 0.3 gpm. These low flows were detected at 211 feet in monitoring well MW-14D, at 57 feet in monitoring well MW-16, and at 74 feet in monitoring well MW-17. The little to no flow detected by the HPFM suggests limited vertical gradients and is also reflective of the generally low permeability of the fractured metamorphic bedrock aquifer beneath the site.

### **3.4 Packer Testing Activities**

To assist in evaluating the fractures and bedding plane or foliation partings that may be affecting contaminant migration and groundwater quality in discrete water-bearing fracture zones, packer

testing was conducted on monitoring well MW-14D. Utilizing the results of the November 2009 geophysical testing conducted on MW-14D, intervals were chosen in an attempt to isolate identified fractures and/or potential water bearing zones within the well for groundwater sample collection and analysis. A copy of the packer test data is included in Attachment VII.

In November 2009, packer testing was conducted by EDI under the supervision of Alliance and with MDE oversight. The field data sheets from EDI are included in Attachment VII.

The packer testing consisted of the following steps:

- ◆ isolate identified fracture zones within monitoring well MW-14D via packer assembly;
- ◆ conduct a slug test within each isolated zone to ensure competent packer seal and collect fracture transmissivity data;
- ◆ purge each isolated zone of borehole water; and,
- ◆ collect a groundwater sample from each isolated zone.

Packer testing provides the ability to isolate identified fractures and/or potential water bearing zones within an open borehole for groundwater sample collection and analysis. In each interval selected, packers were installed and inflated to isolate the fracture or fracture zone. One packer interval in the monitoring well was tested at a time. Groundwater samples were collected and analyzed for MtBE in accordance with EPA Method 8260. Sampling was conducted at each packed interval in order to provide groundwater analytical data relative to each packed zone. Borehole characteristics dictated the actual packed zone used at each interval of interest since it is crucial that the packers were placed so that a competent seal was created.

The intervals selected for testing were based on the following:

- ◆ Any fractures or anomalies noticed during well drilling;
- ◆ Identified fractures or water-producing zones noticed from previously completed and reported down hole geophysics and acoustic televiewer logs; and/or

- ◆ Field conditions that limited the packer placement so that a proper seal could be completed.

Possible zones were selected prior to initiation of field activities; as needed, changes were made based on field conditions.

<b>Monitoring Well</b>	<b>Description</b>	<b>Proposed Interval (feet bgs)</b>	<b>Tested Interval (feet bgs)</b>
MW-14D	Zone 1	10.75 - 65	10.75 - 65
	Zone 2	69 - 80	69 - 80
	Zone 3	82 - 93	82 - 93
	Zone 4	209 - 220	209 - 220

Packer testing was started at the most shallow target depth at MW-14D and continued downward to each target depth within that monitoring well. Upon completion of testing at MW-14D, all equipment was decontaminated.

The first isolated zone in monitoring well MW-14D was accomplished by setting one packer at the bottom of the interval in order to isolate the upper section of the monitoring well. For this shallowest isolated zone, the steel casing rather than a packer provided the upper seal. One packer separation interval (11 feet) was utilized in monitoring well MW-14D in an effort to isolate target areas.

At the start of each interval test, water levels in the test well were monitored for stabilization prior to inflation of the packers. After packer inflation, water levels were monitored to observe any separation in head between zones and then allowed to stabilize. Once the water levels stabilized, a slug test was conducted to estimate transmissivity of the packed zone. One slug test per isolated interval was conducted by quickly introducing one gallon of de-ionized water into the isolated interval. The water level within the packered zone was monitored as a means of evaluating the transmissivity using conventional slug test analysis. In addition to monitoring the hydraulic head within the packed zone, the hydraulic heads within the zones both above and



below the packed zone were monitored to evaluate the competence of the packer seal. Following the slug test, the water levels were allowed to stabilize before pumping commenced.

EDI monitored the water levels in the isolated zone and the zone above and/or the zone below the packed interval. Packer testing water level data are included in Attachment VI. Also during testing, the depth to water (DTW) of select monitoring wells in the vicinity of the test well was recorded by Alliance to evaluate possible influence.

Groundwater samples from the discrete intervals were collected within laboratory supplied bottleware and shipped in iced coolers to Fairway under chain of custody protocols for MtBE in accordance with EPA Method 8260. The water sample was collected after the slug test and before the pumping activities. A summary of the analytical results is presented in Table 16.

All purged groundwater and decontamination water generated by the packer event well sampling activities was containerized for off-site transport and disposal as non-hazardous/non-regulated waste by Subsurface Technologies, Inc. of New Windsor, Maryland. Refer to Attachment III for disposal documentation.

Since test intervals were modified throughout the packer testing event, a discussion of the testing procedures used is provided below in chronological order that each interval was tested. The zones in monitoring well MW-14D were numbered according to depth of the isolated zone.

#### **MW-14D, 10.75 to 65 feet interval (Zone 1)**

The first target depth identified within monitoring well MW-14D was 62 feet below ground surface (bgs). Therefore, the packer interval was proposed for 10.75 to 65 feet bgs. To accomplish this interval, one packer was placed to seal the borehole below 65 feet bgs. The top of the interval was left open, with the steel casing (set to 10.75 feet bgs) providing the upper seal. Only about 0.1 feet of head separation was observed between the isolated interval and the zone below prior to pumping, indicating little to no vertical gradient. The pump was started with a pumping rate of five gpm, and pumping continued for thirty-four minutes. During this time, the

water level within the packed interval did not reach stabilization. During testing, the isolated interval had a drawdown of approximately 5.84 feet. Following cessation of pumping, the interval recovered 100% of the water column in approximately 11 minutes (15 gallons at 1.4 gpm). Drawdown in the zone below the isolated interval mimicked drawdown in the isolated interval, indicating a leaky hydraulic connection outside the borehole. The groundwater analytical results for the discrete sample collected from this interval indicated that the MtBE concentration was 5,330 micrograms per liter (ug/l) which is above the MDE GNCS. The water sample was collected after the slug test and before the pumping activities. The groundwater analytical result is summarized on Table 16.

#### **MW-14D, 69 to 80 feet interval (Zone 2)**

As proposed, the packers were set at 69 to 80 feet bgs and normal inflation procedures were conducted including the slug test. Only about 0.2 feet of head separation across the isolated interval was observed prior to pumping, indicating a potentially slight downward vertical gradient. Pumping began at a rate of three gpm for 38 minutes. A groundwater sample was collected from the isolated interval after the approximate 38 minutes that the pumping rate was three gpm. The pumping rate was increased to five gpm for 26 minutes. The pump was shut off and allowed to recover. During testing, the isolated interval had a drawdown of approximately 4.81 feet. The interval recovered ninety-five percent of the water column in approximately nine minutes (12 gallons at 1.3 gpm). Drawdown in the zone above mimicked drawdown in the isolated zone, indicating a leaky hydraulic connection between the isolated zone and the zone above. Drawdown was not evident in the zone below the isolated interval; indicating lack of hydraulic connection or lack of influence during the short pumping period (perhaps due to the zone below having a somewhat lower initial head). The groundwater analytical results for the discrete sample collected from this interval indicated that the MtBE concentration was 4,750 ug/l which is above the MDE GNCS. The groundwater analytical result is summarized on Table 16.

#### **MW-14D, 82 to 93 feet interval (Zone 3)**

As proposed, the packers were set at 82 to 93 feet bgs and normal inflation procedures were conducted including the slug test. No head separation was observed across the isolated interval



prior to pumping, indicating no vertical gradient. Pumping began at a rate of three gpm for 42 minutes. A groundwater sample was collected from the isolated interval after the approximate 42 minutes that the pumping rate was three gpm. The pumping rate was increased to six gpm for 17 minutes. The pump was shut off and allowed to recover. During testing, the interval had a drawdown of approximately 17.75 feet. The interval recovered ninety-five percent of the water column in approximately three minutes (46 gallons at 15.4 gpm). Drawdown in the intervals above and below mimicked drawdown in the isolated interval, indicating a leaky hydraulic connection outside the borehole. The groundwater analytical results for the discrete sample collected from this interval indicated that the MtBE concentration was 5,010 ug/l which is above the MDE GNCS. The groundwater analytical result is summarized on Table 16.

#### **MW-14D, 209 to 220 feet interval (Zone 4)**

As proposed, the packers were set at 209 to 220 feet bgs and normal inflation procedures were conducted including the slug test. About 0.1 feet of head separation between the isolated interval and the zones above and below was observed prior to pumping, indicating little to no vertical gradient toward the isolated zone. A slug test was conducted, and pumping began at a rate of three gpm and continued at this rate for approximately ten minutes. The pumping rate was increased to four and a half gpm for an additional 27 minutes. A groundwater sample was then collected from the isolated interval. The pumping rate was increased to five gpm for 17 minutes. The pump was shut off and allowed to recover. During testing, the interval had a drawdown of approximately 7.27 feet. The interval recovered one hundred five percent of the water column in approximately three minutes (19 gallons at 6.3 gpm). Drawdown in the intervals above and below mimicked drawdown in the isolated interval, indicating a leaky hydraulic connection outside the borehole. The groundwater analytical results for the discrete sample collected from this interval indicated that the MtBE concentration was 5,980 ug/l which is above the MDE GNCS. The groundwater analytical result is summarized on Table 16.

It should be noted that closed fractures were noted through the remainder of monitoring well MW-14D from 220 to 273 feet, therefore, no further testing was conducted.



### **Observation Well Monitoring**

The depth to water (DTW) of select monitoring wells in the vicinity of the test well was recorded by Alliance during the packer testing to track influence. During testing of monitoring well MW-14D, monitoring wells MW-9, MW-10, MW-16, and MW-17 were monitored. Monitoring well construction details are summarized in Table 9.

The depth to water (DTW) of select monitoring wells in the vicinity of the test well was recorded by Alliance during the packer testing to track influence. During testing of monitoring well MW-14D, monitoring wells MW-9, MW-10, MW-16, and MW-17 were monitored. Monitoring well construction details are summarized in Table 9.

Monitoring wells MW-10 and MW-17 showed significant drawdown during pumping of all four isolated intervals. Monitoring well MW-10 had drawdown measurements ranging from 0.14 feet to 1.15 feet during the packer testing. The maximum drawdown measurement of 1.15 feet was recorded during the testing of Zone 1 (0-65 feet below ground surface). Monitoring well MW-17 had drawdown measurements ranging from 0.10 feet to 0.20 feet during the packer testing. The maximum drawdown measurement of 0.20 feet was observed during the testing of Zone 3 (82-93 feet bgs). These results suggest a northeast-southwest preferential flow axis, consistent with the pump test results and northeast-southwest fracture strike described in previous sections of this report. Monitoring wells MW-9 and MW-16 did not show any evidence of drawdown during any of the packer tests. The lack of observed drawdown in these wells may be attributed to their general cross-strike location relative to MW-14D.

### **Packer Test Summary**

The following conclusions can be drawn from the packer testing of MW-14D:

- ◆ Little to no vertical hydraulic gradients were observed between the isolated (packered) intervals and the adjacent zones (above and/or below). This indicates that there is little to no driving force for vertical groundwater flow or advective contaminant transport under non-pumping conditions.

- ◆ Leaky hydraulic connections outside the borehole were observed in all four packer tests, indicating a generally well-connected fracture network without significant hydraulic barriers between the depths tested.
- ◆ MtBE concentrations in all four isolated intervals were generally very similar, ranging from about 4,000 to 6,000 ug/l. While this might suggest that MtBE contamination is present in the aquifer at depth, this may also be an artifact of the well drilling process or may have been induced by pumping from the well connected and leaky fracture network. Experience at similar sites has shown the tendency for wells to have a “concentration memory” for up to several months following drilling, especially in fractured bedrock settings with low storage. Potential downward vertical transport of MTBE into the deeper parts of the aquifer is inconsistent with the lack of downward vertical gradients observed during packer testing. Construction of permanent monitoring wells within the open boreholes followed by quarterly monitoring is recommended to provide a better vertical MtBE delineation.
- ◆ Drawdown in monitoring wells near the packer-tested well MW-14D suggest a northeast-southwest preferential flow axis, consistent with the pump test findings and the fracture strike observed in the ATV logs.

## 4.0 SITE CONDITIONS

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Using the previously reported physical and chemical characterization data in conjunction with the continuing hydrogeologic investigation data presented within, Alliance has further defined subsurface environmental site conditions for development of a SCM. A discussion of the hydrogeologic setting information and conceptual model for the site area is provided in this section. The SCM provides an understanding to date of site conditions and can be used to project contaminant fate and transport, and ultimately guide future investigation and corrective action activities to address impacts. Validation of the SCM is achieved by comparing projected impacts with actual laboratory groundwater data.

The site is situated on a topographic ridge that is generally flat with the surrounding land dipping away to the west, south, and east (refer to Figure 1). Precipitation at the site becomes overland flow that runs down topographic slope toward the west, south, and east, with a portion of the flow collected in the storm water system in the GVP.

Incorporating the new subsurface geology data from the monitoring well installation, geophysical testing and packer testing documented in this report, the unconsolidated sediment is noted to consist of micaceous silt and has a thickness ranging from three (MW-10) to 27 feet (MW-2). The micaceous silt grades into saprolite. The saprolite has a thickness ranging from surface to 58 feet (MW-6). The unconsolidated sediment and saprolite comprising the regolith are underlain by fractured metamorphic bedrock identified as the Marburg Formation. A geologic cross-section location map (refer to Figure 20 and geologic cross-sections A-A' and B-B' (refer to Figures 21 and 22) are provided to show the underlying site specific geology described above.

Based on the boring/monitoring well logs for the monitoring wells installed to date (refer to Attachment III), groundwater is absent in the unconsolidated material (sediment and saprolite) above the contact with the underlying Marburg Formation bedrock.



The preferential pathway for groundwater movement through the schist bedrock would be through secondary permeability features (fractures, bedding plane partings, etc.) that were identified by the geophysical optical televiewer logs from the bedrock wells with a mean fracture set (strike N31°E, dip 58° SE).

The occurrence of first groundwater has been identified within fractures at the upper portion of underlying schist bedrock (depth range of approximately 40 to 65 feet bgs). The October 2009 groundwater potentiometric surface data (refer to Figure 3), indicated a hydraulic gradient to the south and southeast with a convergent pattern toward the southeastern corner of the site. This apparent gradient reflects the topographic setting of the site as well as the effects of nearby pumping wells.

Pump testing and packer testing drawdown data reveal a northeast-southwest preferential flow axis, which is roughly parallel to the identified mean fracture strike of N31°E at the site.

Drawdown contours from the 72-hour pump test suggested a hydraulic conductivity anisotropy along strike of approximately 3 to 1. Analysis of pump test data revealed a very heterogeneous aquifer, with hydraulic conductivity estimates ranging over four orders of magnitude. This is typical of a fractured metamorphic bedrock aquifer and reveals the complexity of the fracture network with larger fracture zones creating higher hydraulic conductivity and well yield (e.g., MW-16) and smaller fractures creating low permeability and low well yield (e.g., MW-7).

Packer testing of MW-14D showed leaky hydraulic connections between isolated intervals, indicating the general interconnectivity of the fracture network at the site. Despite this apparent connectivity, little to no vertical gradients were observed during packer testing, indicating little to no driving force for downward transport of MtBE into the deeper parts of the aquifer. Therefore, the detection of MtBE at similar concentrations at all packered intervals in MW-14D may be an artifact of drilling rather than indicating true impact at depth. On the other hand, downward vertical gradients would exist in the vicinity of pumping wells and could draw groundwater and MtBE downward into deeper parts of the aquifer. Construction of permanent monitoring wells at

selected depths within the formation is recommended to further evaluate the vertical distribution of MtBE in the aquifer.

Over 200 potable wells are located within a one-half mile radius of the site. A summary of the construction records for the potable wells in the vicinity of the site is provided on Table 17.

#### **4.1 Updated Site Conceptual Model**

Groundwater analytical results from monitoring wells are summarized on Table 3. Soil samples collected during monitoring well installation and UST closure activities are summarized on Tables 1 and 2. Analytical results from the potable well and POET system sampling completed at the Green Valley Plaza are summarized on Table 4. Data from potable well water samples from the three adjacent community potable supply wells at the Green Valley Shopping Center are summarized on Table 5 and data from residential potable wells in the vicinity of the site are summarized on Tables 6, 7, and 8. This data was used in the evaluation of the site conceptual model.

Based on site physical and chemical characterization data and other information collected through October 2009 to understand the hydrogeologic setting, the SCM has been updated to guide future investigation and potential corrective action activities. The anticipated pathway of petroleum impacts through the subsurface environment would be similar to the path water would take through the subsurface to form the groundwater system. From an alleged release of petroleum constituents, either in liquid or vapor form, to the environment from the UST system, petroleum constituents would disperse downward through the underlying regolith consisting of unconsolidated silt and saprolite.

During removal of the UST system in July 2008, no preferential pathways (subsurface utilities, subsurface building structures, etc.) were observed. Based on the construction of the UST system and the absence of collected groundwater observed in the regolith, a petroleum release would follow a mostly downward path with some lateral dispersion as it passes through the

unconsolidated sediment that grades into the saprolite and underlying bedrock. Infiltrating precipitation moving through the regolith would dissolve the petroleum constituents along the path to the bedrock groundwater system. The reduced permeability of the silt and saprolite would likely cause increased lateral dispersion of the petroleum constituents; however, soil borings adjacent to the tank field and in the area of the former pump islands did not indicate distribution of petroleum compounds in the subsurface. Therefore, the petroleum constituents appear to follow a downward path to the underlying bedrock as no groundwater is shown to collect on top of bedrock in the regolith.

Upon reaching the top of the bedrock, the reduced permeability of the bedrock would cause the dissolved-phase petroleum constituents to collect and/or disperse along the bedrock surface while also penetrating downward through fractures in the bedrock. The petroleum constituents would continue to disperse downward vertically and laterally through the bedrock following preferential pathways.

In the phyllite/schist bedrock, the major preferential pathways are the secondary porosity features such as fractures and bedding plane or foliation partings. Geophysical investigations were conducted on two of the five on-site potable wells in July 2007, three monitoring wells in June 2008, and four additional monitoring wells in November 2009. The findings of the investigations indicate that there are water-bearing fracture zones though out the upper portion of the bedrock with a significant water producing zone in the deeper parts of the aquifer (e.g., 210 feet in MW-14D); however, a steep vertical gradient necessary to create downward groundwater flow and contaminant transport into the deeper parts of the aquifer was not observed. Generally, the highest concentration of fractures is present within the upper approximately 50 feet of the bedrock, with this upper zone being the most permeable. Fracture density and permeability likewise decrease with depth. A negligible pathway through the bedrock would be through the crystalline rock matrix (primary porosity). Upon encountering groundwater stored in the secondary porosity features of the bedrock, petroleum constituents would migrate through the aquifer via advective transport (resulting primarily from horizontal gradients and locally vertical gradients near pumping wells) and dispersion.



Groundwater transports the petroleum constituents through the bedrock secondary porosity features. The orientation of the bedrock secondary porosity features in conjunction with the natural vertical and horizontal hydraulic gradients control the flow of petroleum impacts through the groundwater system. It is feasible to assume that local operation of the potable wells in the area draws groundwater along the secondary porosity features, potentially diverting the flow of groundwater from the natural direction. Consistent demand of bedrock groundwater from the limited storage available to the potable wells limits lateral dispersion of the petroleum constituents outside of the secondary porosity features.

The mean strike of the fractures were reported to be N31°E with a mean dip of 58° SE. An approximate three to one hydraulic conductivity anisotropy is evident along strike. This preferential flow axis could explain the northeast-southwest orientation of the plume (also centered roughly along strike from monitoring well MW-15D toward monitoring well MW-17) despite the horizontal hydraulic gradient to the southeast. That being said, the fractured bedrock aquifer is very heterogeneous, with larger fracture zones of higher hydraulic conductivity allowing greater groundwater flow and smaller fractures of lower hydraulic conductivity restricting groundwater flow. The more permeable larger fracture zones would allow for greater dilution of MtBE, whereas the less permeable smaller fractures would limit MtBE dilution. Therefore, higher-permeability areas of the site would be expected to exhibit lower MtBE concentrations than lower-permeability areas. This inverse relationship could explain the difference between monitoring well MW-16 (a relatively high-permeability well with relatively low MtBE concentrations) and nearby monitoring well MW-7 (a relatively low permeability well with relatively high MtBE concentrations).

Overall, the refined site conceptual model presented above provides an understanding of the current conditions. Based on the refined SCM using the data and information collected thus far for the project, Alliance proposes additional activities to be conducted in the work plan provided in Section 5.0.

## 5.0 WORK PLAN FOR FUTURE INVESTIGATION ACTIVITIES

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Using the refined SCM presented in Section 4, evaluating the current monitoring well network, and projecting the need for additional information to further characterize conditions towards corrective action implementation the following activities are proposed:

- ◆ Construction of monitoring wells within the open borehole in monitoring well MW-14D;
- ◆ Construction of monitoring wells within the open boreholes in monitoring wells MW-15D, MW-16 and MW-17;
- ◆ Continuation of the site groundwater monitoring plan including sampling of monitoring wells and nearby potable wells, and
- ◆ Preparation of a CAP.

Recommendations for further investigation steps or corrective action will be developed and presented to MDE for approval as necessary to continue the investigation work plan and/or implement potential interim actions while site activities continue.

### 5.1 Monitoring Well MW-14D Reconstruction

Alliance has evaluated the data collected from the installation of monitoring well MW-14D including geophysical and packer testing activities. Alliance proposes the following construction for monitoring well MW-14D to convert the eight-inch open borehole to two, two-inch PVC monitoring wells.

Monitoring Well	Depth to Water (feet)	Depth to Bedrock (feet)	Steel Casing Installation Depth (feet)	Total Depth (feet)	Proposed Screen Intervals (feet)
MW-14D	55	50	10.5	273	60 to 100 (shallow) 200 to 220 (deep)

Two permanent two-inch monitoring wells will be constructed in the soil boring of MW-14D and set with the appropriate length of 20-slot PVC well screen to allow for a competent seal. The bottom of the well will be filled via tremie pipe with concrete/bentonite mix to a depth of 273' to approximately 222' bgs. After allowing the grout mix to stabilize for 24 hours, a 3' layer of filter pack will be placed on top of the grout and the PVC well screen (220' to 200' bgs) and solid 2" PVC well casing will be placed in the well to create the new MW-14D. Filter pack will be placed in the well from 220' to 190' bgs. Concrete/bentonite mix will then be tremie piped from 190' to 110' bgs. After allowing the grout mix to cure for 24 hours, filter pack will be placed from 110' to 100' bgs. The upper well (new MW-14S) will then be constructed with well screen from 100' to 60' bgs and solid 2" PVC casing from 60' bgs to ground surface. Filter pack will be installed from 100' to 50' bgs and the remaining well void will be filled with concrete to ground surface. The eight-inch steel casing will remain in place. The completed monitoring wells will be finished with locking well caps contained with one bolt-down watertight flushmount manhole as required by COMAR.

## 5.2 Monitoring Wells MW-15D, MW-16 and MW-17 Reconstruction

Alliance has evaluated the data collected from the installation of monitoring wells MW-15D, MW-16 and MW-17 including geophysical and packer testing activities. Alliance proposes the following construction for monitoring wells MW-15D, MW-16 and MW-17 to convert the eight-inch open boreholes to four-inch PVC monitoring wells.

Monitoring Well	Depth to Water (feet)	Depth to Bedrock (feet)	Steel Casing Installation Depth (feet)	Total Depth (feet)	Proposed Screen Intervals (feet)
MW-15D	55	43	10	132	45 to 132
MW-16	48	31	9.75	120	38 to 120
MW-17	50	33	10.5	120	40 to 120

A four-inch monitoring well will be constructed in the soil borings of monitoring wells MW-15D, MW-16 and MW-17 and set with the appropriate length of 20-slot PVC well screen to allow for a competent seal. The eight-inch steel casing will remain in place. The completed



monitoring wells will be finished with locking well caps contained with one bolt-down watertight flushmount manhole as required by COMAR.

### **5.3 Proposed Changes to Groundwater Monitoring Plan**

Newly installed monitoring wells (MW-14D through MW-17) will be incorporated into the site monitoring plan that currently exists for quarterly groundwater sampling and analysis of all monitoring wells and quarterly sampling of residential potable wells.

At this time, Alliance requested a reduction in the sampling for the POET system located at the Green Valley Plaza in the December 2009 Quarterly Sampling Report. The POET system is currently sampled on a monthly basis and we requested that sampling be reduced to quarterly. In addition, we also additionally request that the commercial POET system analytical requirement be reduced to VOCs only.

### **5.4 Sampling Reduction Request**

As discussed above, there are 14 potable wells sampled on a quarterly basis and eight additional potable wells sampled on a semi-annual basis. At this time, Alliance would like to request further reduction in the sampling frequency based on analytical data. Therefore, Alliance requests the residential sampling location be reduced to potable wells adjacent or near petroleum detection in residential wells to reduce the inconvenience and redundant sampling of clean residential wells. Alliance proposes the following schedule:

Proposed locations for quarterly sampling:

- ◆ 3991, 3993, 3995 and 3998 Farm Lane
- ◆ 3831 Greenridge Road (currently access denied)
- ◆ 3740 Blueberry Court

Proposed locations for semi-annual sampling:

- ◆ 3985, 3987, and 3989 Farm Lane
- ◆ 3829, 3933, 3835, and 3837 Greenridge Road
- ◆ 3737 and 3739 Blueberry Court
- ◆ 3994, 3996 and 3998 Rye Lane

In addition, since September 2008, the POET system at the Green Valley Plaza (site) has been sampled on a monthly basis. Alliance respectfully requests a reduction to quarterly sampling and elimination of both TPH-DRO and TPH-GRO from the sampling regime, based on the analytical data.

**TABLE 1**  
**SOIL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Depth (ft)	Analytes of Concern										
			BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)	MTBE	TBA	TAME	ETBE	DIPE	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)
<b>MDE Soil Standard-MDE Non-Residential Clean-up</b>			<b>100,000</b>	<b>41,000,000</b>	<b>20,000,000</b>	<b>410,000,000</b>	<b>2,700,000</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>620</b>	<b>620</b>
GP-1	09/14/05	11' - 14'	< 0.5	< 1	< 1	< 1	13	680	< 1	< 1	< 1	110	< 0.2
GP-2	09/14/05	8' - 11'	< 0.6	< 1	< 1	< 1	0.9 J	200	< 1	< 1	< 1	8.7 J	< 0.2
GP-3	09/14/05	8' - 11'	< 0.6	< 1	< 1	< 1	20	< 22	< 1	< 1	< 1	66	< 0.2
GP-4	09/14/05	6' - 8'	< 0.5	< 1	< 1	< 1	< 0.5	< 21	--	--	--	< 4.2	< 0.2
GP-5	09/14/05	8' - 11'	< 0.5	< 1	< 1	< 1	2 J	< 22	--	--	--	< 4.3	< 0.2
GP-6	09/15/05	11' - 14'	< 0.5	2 J	< 1	2 J	< 0.5	< 22	< 1	< 1	< 1	43	0.5 J
GP-7	09/15/05	11' - 14'	< 0.6	< 1	< 1	< 1	< 0.6	< 22	< 1	< 1	< 1	< 4.4	< 0.2
GP-8	09/15/05	14' - 16'	< 0.5	< 1	< 1	4 J	2 J	< 22	--	--	--	15	< 0.2
GP-9	09/15/05	19' - 20'	< 0.5	< 1	< 1	< 1	2 J	< 22	--	--	--	24	< 0.2
GP-10	09/15/05	12' - 13'	< 0.5	< 1	< 1	1 J	0.6 J	< 21	--	--	--	24	< 0.2
SB-1	06/01/07	15' - 17'	< 0.5	< 1	< 1	< 1	< 0.5	< 21	< 1	< 1	< 1	5.4 J	< 0.2
SV-1	05/31/07	24.5'	< 0.5	< 1	< 1	< 1	< 0.5	< 21	< 1	< 1	< 1	< 4.2	< 0.2
SV-2	05/31/07	20'	< 0.5	< 1	< 1	< 1	24	41 J	< 1	< 1	< 1	--	< 0.2
SV-2	05/31/07	25'	--	--	--	--	--	--	--	--	--	< 4.2	--
SV-2	05/31/07	30'	< 0.5	< 1	< 1	< 1	15	1,900	< 1	< 1	< 1	--	< 0.2
SV-3	06/01/07	10' - 12'	< 0.5	< 1	< 1	< 1	160	4,800	< 1	< 1	< 1	< 4.4	< 0.2
SV-3	06/01/07	15' - 17'	< 0.6	< 1	< 1	< 1	73	200	< 1	< 1	< 1	< 4.4	< 0.2

ND = Not Detected  
 NG = No Guideline  
 --- = Not Applicable / Not Available  
 J = Estimated Value  
 ft = feet

Concentrations in ug/kg; except where noted  
 ug/kg = micrograms per kilogram  
 mg/kg = milligrams per kilogram  
 < = analyte not detected at or above the specified laboratory detection limit

Values exceeding the specified MDE criteria are **bolded**.

TPH analysis conducted in accordance with SW8015B.

Volatile organic compound (VOC) analysis conducted in accordance with SW8260B; only BTEX and oxygenates are summarized

MDE NRCS = Maryland Department of the Environment, Non-Residential Clean-Up Standard, February 2003

MTBE = Methyl-tertiary butyl-ether  
 TBA = Tert-butyl alcohol  
 TAME = Tert-amyl methyl ether  
 DIPE = Di-isopropyl Ether  
 ETBE = Ethyl tert-butyl ether  
 TPH = Total petroleum hydrocarbons  
 GRO = Gasoline-range organics  
 DRO = Diesel-range organics



**TABLE 2**  
**UST CLOSURE SOIL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Depth (ft)	Analytes of Concern										
			BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)	MTBE	TBA	TAME	ETBE	DIPE	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)
<b>MDE Soil Standard-MDE Non-Residential Clean-up Standard</b>			<b>100,000</b>	<b>41,000,000</b>	<b>20,000,000</b>	<b>410,000,000</b>	<b>2,700,000</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>NG</b>	<b>620</b>	<b>620</b>
DISP-1	07/16/08	4'	< 0.6	< 1	< 1	< 1	< 0.6	< 24	< 1	< 1	< 1	< 4.4	< 0.2
DISP-2	07/16/08	4'	< 0.5	< 1	< 1	< 1	< 0.5	< 22	< 1	< 1	< 1	< 4.7	0.4 J
DISP-3	07/16/08	4'	< 0.6	< 1	< 1	< 1	< 0.6	< 25	< 1	< 1	< 1	< 4.6	< 0.2
DISP-4	07/16/08	4'	< 0.5	< 1	< 1	< 1	< 0.5	< 20	< 1	< 1	< 1	< 4.3	< 0.2
DISP-5	07/16/08	4'	< 0.6	< 1	< 1	< 1	< 0.6	< 23	< 1	< 1	< 1	52	0.3 J
PIPE-1	07/16/08	4'	< 0.5	< 1	< 1	3 J	< 0.5	< 20	< 1	< 1	< 1	10 J	0.3 J
PIPE-2	07/16/08	4'	< 0.6	< 1	< 1	< 1	< 0.6	< 25	< 1	< 1	< 1	8.0 J	0.7 J
PIPE-3	07/16/08	4'	< 0.5	< 1	< 1	< 1	< 0.5	< 20	< 1	< 1	< 1	4.9 J	< 0.2
PIPE-4	07/16/08	4'	< 0.6	< 1	< 1	< 1	< 0.6	< 24	< 1	< 1	< 1	< 4.7	< 0.2
PIPE-5	07/16/08	4'	< 0.6	< 1	< 1	< 1	< 0.6	< 24	< 1	< 1	< 1	6.4 J	< 0.2
LINE-6	07/28/08	4'	< 0.5	< 1	< 1	< 1	< 0.5	< 21	< 1	< 1	< 1	9.2 J	< 0.2
LINE-7	07/28/08	4'	< 0.5	< 1	< 1	< 1	< 0.5	< 20	< 1	< 1	< 1	< 4.3	< 0.2
LINE-8	07/28/08	4'	< 0.6	< 1	< 1	< 1	< 0.6	< 23	< 1	< 1	< 1	< 4.4	< 0.2
DUST-04	07/21/08	11'	< 0.6	< 1	< 1	< 1	< 0.6	< 22	< 1	< 1	< 1	6.6 J	< 0.2
TF-BOTTOM	07/22/08	15'	< 0.5	< 1	< 1	< 1	< 0.5	< 22	< 1	< 1	< 1	5.2 J	< 0.2
TF-SE	07/22/08	15'	< 0.6	< 1	< 1	< 1	< 0.6	1,100	< 1	< 1	< 1	8.3 J	< 0.2
TF-SW	07/22/08	15'	< 0.5	< 1	< 1	< 1	< 0.5	< 21	< 1	< 1	< 1	< 4.2	< 0.2
TF-NE	07/28/08	15'	< 0.6	< 1	< 1	< 1	< 0.6	< 22	< 1	< 1	< 1	< 4.4	< 0.2
TF-NW	07/28/08	15'	< 0.5	< 1	< 1	< 1	< 0.5	< 21	< 1	< 1	< 1	< 4.3	< 0.2
TF-NORTH	07/21/08	5'	< 0.7	< 1	< 1	< 1	< 0.7	< 27	< 1	< 1	< 1	< 5.3	< 0.3
TF-SOUTH	07/22/08	5'	< 0.6	< 1	< 1	< 1	< 0.6	< 24	< 1	< 1	< 1	4.6 J	< 0.2
TF-WEST	07/24/08	5'	< 0.6	< 1	< 1	< 1	< 0.6	< 23	< 1	< 1	< 1	32	< 0.2
TF-EAST	07/24/08	5'	< 0.5	< 1	< 1	< 1	< 0.5	< 22	< 1	< 1	< 1	7.2 J	< 0.2
LINE1-PEX-BOTTOM	07/21/08	8'	< 0.5	< 1	< 1	< 1	< 0.5	< 21	< 1	< 1	< 1	< 4.3	< 0.2
LINE1-PEX-EAST	07/21/08	8'	< 0.5	< 1	< 1	< 1	< 0.5	< 21	< 1	< 1	< 1	< 4.2	< 0.2
LINE1-PEX-NORTH	07/21/08	8'	< 0.6	< 1	< 1	< 1	< 0.6	< 22	< 1	< 1	< 1	< 4.3	< 0.2
LINE1-PEX-SOUTH	07/21/08	8'	< 0.6	< 1	< 1	< 1	< 0.6	< 23	< 1	< 1	< 1	5.9 J	< 0.2

ND = Not Detected  
 NG = No Guideline  
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 J = Estimated Value  
 ft = feet

Concentrations in ug/kg; except where noted

ug/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

< = analyte not detected at or above the specified laboratory detection limit

Values exceeding the specified MDE criteria are **bolded**.

TPH analysis conducted in accordance with SW8015B.

Volatile organic compound (VOC) analysis conducted in accordance with SW8260B; only BTEX and oxygenates are summarized

MDE NRCS = Maryland Department of the Environment, Non-Residential Clean-Up Standard, February 2003

MTBE = Methyl-tertiary butyl-ether  
 TBA = Tert-butyl alcohol  
 TAME = Tert-amyl methyl ether  
 DIPE = Di-isopropyl Ether  
 ETBE = Ethyl tert-butyl ether  
 TPH = Total petroleum hydrocarbons  
 GRO = Gasoline-range organics  
 DRO = Diesel-range organics

**TABLE 3  
GROUNDWATER ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Top of Casing Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)	Analytes of Concern (ug/l)											
					BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	TPH-DRO	TPH-GRO	
<b>MDE GNCS, Type I and II Aquifers</b>					5.0	1,000	700	10,000	20	NG	NG	NG	NG	47	47	
MW-1 TD = 61.5 TOS=40	99.19	02/27/06	45.50	53.69	<0.5	1 J	<0.8	<0.8	16	15 J	<0.8	<0.8	0.8 J	<b>1,100</b>	<b>77</b>	
		09/19/06	47.44	51.75	1 J	<0.7	<0.8	<0.8	14	39 J	1.0 J	<0.8	3 J	<b>7,900</b>	<b>150</b>	
		04/19/07	41.83	57.36	<0.5	<0.7	<0.8	<0.8	9	<10	<0.8	<0.8	1 J	<b>160</b>	33 J	
		08/08/07	51.63	47.56	1 J	<0.7	<0.8	<0.8	<b>31</b>	54 J	1.0 J	<0.8	6	<b>2,400</b>	<b>220</b>	
		10/10/07	54.35	44.84	1 J	<0.7	<0.8	<0.8	<b>35</b>	46 J	2 J	<0.8	7	<b>1,200</b>	<b>210</b>	
		01/16/08	50.50	48.69	2 J	<0.7	<0.8	<0.8	<b>59</b>	97	2 J	<0.8	16	<b>1,500</b>	<b>1,000</b>	
		04/15/08	47.54	51.65	0.9 J	<0.7	<0.8	<0.8	<b>28</b>	76 J	1 J	<0.8	6	<b>630</b>	<b>770</b>	
		06/12/08	43.98	55.21	<0.5	<0.7	<0.8	<0.8	9	11 J	<0.8	<0.8	2 J	<b>780</b>	<b>110</b>	
		10/21/08	49.50	49.69	<0.5	<0.7	<0.8	<0.8	17	<10	<0.8	<0.8	3 J	--	<b>65</b>	
		01/30/09	48.61	50.58	<1	<1	<1	<1	12.6	<5	<1	<1	3.33	<40	<b>60.5 J</b>	
		04/09/09	51.71	47.48	<1	<1	<1	<1	6.83	<5	<1	<1	1.68	<40	<25	
		07/23/09	48.78	50.41	<2	<2	<2	<2	14.3	<10	<2	<2	3.08	<40	<25	
10/01/09	48.63	50.56	<1	<1	<1	<1	5.69	<5	<1	<1	1.22	43.2 J	43.2 J			
01/15/10	42.83	56.36	<2	<2	<2	<2	<2	<10	<2	<2	<2	<300	<100			
MW-2 TD = 61.5 TOS=40	99.47	02/27/06	49.00	50.47	<0.5	<0.7	<0.8	<0.8	<0.5	<10	<0.8	<0.8	<0.8	<b>310</b>	<b>58</b>	
		09/19/06	58.31	41.16	<0.5	<0.7	<0.8	<0.8	<0.5	<10	<0.8	<0.8	<0.8	<b>520 J</b>	<b>390</b>	
		04/19/07	45.61	53.86	<0.5	<0.7	<0.8	<0.8	<0.5	<10	<0.8	<0.8	<0.8	<b>380</b>	<b>130</b>	
		08/08/07	60.25	39.22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
		10/10/07	--	--	No Sample Collected Due To Bailer Stuck In Well											
		01/16/08	DRY		--	--	--	--	--	--	--	--	--	--	--	--
		04/15/08	53.30	46.17	1 J	<0.7	<0.8	<0.8	<0.5	10 J	<0.8	<0.8	<0.8	<0.8	<b>310</b>	<b>650</b>
		06/12/08	46.94	52.53	<0.5	<0.7	<0.8	<0.8	<0.5	<10	<0.8	<0.8	<0.8	<0.8	<b>150</b>	<b>310</b>
		10/21/08	58.42	41.05	<0.5	<0.7	<0.8	<0.8	<0.5	<10	<0.8	<0.8	<0.8	--	<b>170</b>	
		01/30/09	55.47	44.00	<1	<1	<1	<1	<1	<5	<1	<1	<1	<40	<b>11,100</b>	
		04/09/09	60.21	39.26	Not enough water to sample											
		07/23/09	54.36	45.11	<2	<2	<2	<2	<2	<10	<2	<2	<2	<2	<40	<b>138</b>
10/02/09	57.18	42.29	<1	<1	<1	<1	<1	<5	1.08	<1	<1	<1	<b>144 J</b>	<b>293</b>		
01/15/10	45.09	54.38	<2	<2	<2	<2	<2	<10	<2	<2	<2	<2	<300	<100		

**TABLE 3  
GROUNDWATER ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Top of Casing Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)	Analytes of Concern (ug/l)											
					BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	TPH-DRO	TPH-GRO	
<b>MDE GNCS, Type I and II Aquifers</b>					5.0	1,000	700	10,000	20	NG	NG	NG	NG	47	47	
MW-3 TD = 64 TOS=40	99.16	02/27/06	54.24	44.92	<b>6</b>	3 J	< 0.8	1 J	<b>22,000</b>	10,000	330	< 0.8	160	<b>7,600</b>	<b>23,000</b>	
		09/19/06	55.93	43.23	<b>66 J</b>	< 35	< 40	< 40	<b>59,000</b>	41,000	920	< 40	550	<b>8,100</b>	<b>82,000</b>	
		04/19/07	51.23	47.93	<b>41 J</b>	< 35	< 40	< 40	<b>66,000</b>	57,000	570	< 40	400	<b>940</b>	<b>66,000</b>	
		08/08/07	57.85	41.31	<b>77 J</b>	< 70	< 80	< 80	<b>47,000</b>	17,000	450 J	< 80	410 J	--	<b>60,000</b>	
		10/10/07	59.00	40.16	No Sample Collected Due To Limited Water											
		01/16/08	56.41	42.75	<b>77 J</b>	< 70	< 80	< 80	<b>78,000</b>	39,000	710	< 80	640	<b>1,900</b>	<b>110,000</b>	
		04/15/08	55.40	43.76	< 50	< 70	< 80	< 80	<b>71,000</b>	45,000	420 J	< 80	320 J	<b>1,300</b>	<b>78,000</b>	
		05/12/08	--	--	Abandoned, May 15, 2008											
MW-4 TD = 61.5 TOS=40	97.84	02/27/06	51.51	46.33	< 0.5	< 0.7	< 0.8	< 0.8	3 J	< 10	< 0.8	< 0.8	< 0.8	<b>170</b>	<b>89</b>	
		09/19/06	55.11	42.73	< 0.5	< 0.7	< 0.8	< 0.8	3 J	< 10	< 0.8	< 0.8	< 0.8	<b>5,700</b>	<b>100</b>	
		04/19/07	50.43	47.41	< 0.5	< 0.7	< 0.8	< 0.8	1 J	< 10	< 0.8	< 0.8	< 0.8	<b>130</b>	< 20	
		08/08/07	57.41	40.43	< 0.5	< 0.7	< 0.8	< 0.8	4 J	< 10	< 0.8	< 0.8	< 0.8	< 30	< 20	
		10/10/07	59.45	38.39	< 0.5	< 0.7	< 0.8	< 0.8	2 J	< 10	< 0.8	< 0.8	< 0.8	<b>840</b>	< 20	
		01/16/08	58.27	39.57	< 0.5	< 0.7	< 0.8	< 0.8	2 J	< 10	< 0.8	< 0.8	< 0.8	<b>360 J</b>	< 20	
		04/15/08	53.77	44.07	< 0.5	< 0.7	< 0.8	< 0.8	1 J	< 10	< 0.8	< 0.8	< 0.8	<b>490</b>	< 20	
		06/12/08	50.72	47.12	< 0.5	< 0.7	< 0.8	< 0.8	0.6 J	< 10	< 0.8	< 0.8	< 0.8	< 0.8	<b>230</b>	< 20
		10/21/08	56.58	41.26	< 0.5	< 0.7	< 0.8	< 0.8	1 J	< 10	< 0.8	< 0.8	< 0.8	--	< 20	
		01/30/09	55.42	42.42	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 40	45.4 J	
		04/09/09	68.95	28.89	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 40	< 25	
		07/23/09	54.28	43.56	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 40	< 25	
10/02/09	55.84	42.00	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	<b>51.1 J</b>	<b>83.9 J</b>			
01/15/10	49.97	47.87	< 2	< 2	< 2	< 2	4.36	< 10	< 2	< 2	< 2	< 300	< 100			
MW-5 TD = 70 TOS=40	101.30	06/12/08	47.31	53.99	< 0.5	< 0.7	< 0.8	< 0.8	< 0.5	< 10	< 0.8	< 0.8	< 0.8	34 J	26 J	
		10/21/08	58.79	42.51	< 0.5	< 0.7	< 0.8	< 0.8	< 0.5	< 10	< 0.8	< 0.8	< 0.8	<b>1,200</b>	22 J	
		01/30/09	56.13	45.17	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	<b>92 J</b>	<b>122</b>	
	99.60	04/09/09	60.19	39.41	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 40	< 25	
		07/23/09	54.88	44.72	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 40	< 25	
		10/02/09	57.58	42.02	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	<b>25.7 J</b>	<b>63.9 J</b>	
01/15/10	45.19	54.41	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 300	< 100			



**TABLE 3  
GROUNDWATER ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Top of Casing Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)	Analytes of Concern (ug/l)										
					BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>					5.0	1,000	700	10,000	20	NG	NG	NG	NG	47	47
MW-6 TD = 59.5 TOS=40	99.84	06/12/08	55.22	44.62	<0.5	<0.7	<0.8	<0.8	0.9 J	<10	<0.8	<0.8	<0.8	47 J	<20
		10/21/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	98.09	01/30/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/09/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/23/09	58.85	39.24	--	--	--	--	--	--	--	--	--	--	--
		10/01/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/18/10	53.20	44.89	<2	<2	<2	<2	<2	<10	<2	<2	<2	<300	<100
MW-7 TD = 80 TOS=53	99.38	06/12/08	54.79	44.59	<b>52 J</b>	<35	<40	<40	<b>86,000</b>	81,000	2,300	<40	530	<b>530</b>	<b>130,000</b>
		10/21/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/30/09	62.99	36.39	--	--	--	--	--	--	--	--	--	--	--
	97.66	04/09/09	64.64	33.02	<b>11.5</b>	<2	<2	2.48	<b>24,900</b>	22,400	490	<2	204	<40	<25
		07/23/09	59.17	38.49	<5	<5	<5	<5	<b>27,800</b>	29,600	636	9.2	474	<40	<b>1,380</b>
		10/02/09	61.33	36.33	1.34	<1	<1	1.02	<b>11,800</b>	8,490	191	<1	76.3	<b>57.4 J</b>	<b>1,200</b>
		01/15/10	51.89	45.77	<5	<5	<5	<5	<b>17,400</b>	24,000	414	6.9	348	<300	<b>234</b>
MW-8 TD = 70 TOS=45	99.7	06/12/08	53.19	46.51	<0.5	12	<0.8	<0.8	<b>720</b>	78 J	11	<0.8	23	<b>2,500</b>	<b>1,200</b>
		10/21/08	59.80	39.90	<0.5	<0.7	<0.8	<0.8	<b>270</b>	<10	<0.8	<0.8	10	46 J	<b>260</b>
	97.93	01/30/09	59.15	40.55	<1	<1	<1	<1	<b>33.6</b>	<5	<1	<1	7.37	<b>140 J</b>	<b>57.7 J</b>
		04/09/09	62.23	35.70	<1	<1	<1	<1	<b>63.4</b>	<5	<1	<1	8.63	<40	<25
		07/23/09	56.25	41.68	<2	<2	<2	<2	<b>57.4</b>	<10	<2	<2	44.5	<40	<b>80.2 J</b>
		10/01/09	57.72	40.21	<1	<1	<1	<1	<b>172</b>	9.84	<1	<1	15.9	43.1 J	<b>255</b>
		01/15/10	50.62	47.31	<2	<2	<2	<2	<b>432</b>	51.1	<2	<2	29.8	<300	<100
MW-9 TD = 78 TOS=48	88.48	04/09/09	55.21	33.27	<1	<1	<1	<1	1.13	<5	<1	<1	<1	<40	<25
		07/23/09	49.52	38.96	<2	<2	<2	<2	<2	<10	<2	<2	<2	<40	<25
	97.93	10/01/09	51.96	36.52	<1	<1	<1	<1	<b>77.7</b>	23.7	<1	<1	1.41	36.8 J	<b>102</b>
		01/18/10	41.86	46.62	<2	<2	<2	<2	<2	<10	<2	<2	<2	<300	<100
MW-10 TD = 80 TOS=40	91.64	04/09/09	58.09	33.55	<2	<2	<2	<2	<b>1,750</b>	798	68.6	<2	16.8	<40	<b>502</b>
		07/23/09	52.38	39.26	<2	<2	<2	<2	<b>116</b>	<10	2.88	<2	<2	<40	<b>74.2 J</b>
		10/01/09	54.88	36.76	<1	<1	<1	<1	<b>227</b>	93.9	4.54	<1	1.66	<b>65.9 J</b>	<b>357</b>
		01/18/10	45.00	46.64	<2	<2	<2	<2	<b>26</b>	<10	<2	<2	2.1	<300	<100

**TABLE 3  
GROUNDWATER ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Top of Casing Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)	Analytes of Concern (ug/l)										
					BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>					5.0	1,000	700	10,000	20	NG	NG	NG	NG	47	47
MW-11 TD = 77 TOS=47	94.28	04/09/09	48.75	45.53	< 1	< 1	< 1	< 1	1.2	< 5	< 1	< 1	< 1	< 40	< 25
		07/23/09	47.56	46.72	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 40	< 25
		10/02/09	46.72	47.56	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	39.4 J	<b>48.6 J</b>
		01/15/10	41.56	52.72	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 300	< 100
MW-12 TD = 82 TOS=44	95.33	04/09/09	44.18	51.15	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 40	< 25
		07/23/09	45.08	50.25	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 40	< 25
		10/02/09	43.64	51.69	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	<b>52.6 J</b>	<b>42.7 J</b>
		01/15/10	39.06	56.27	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 300	< 100
MW-13 TD = 84 TOS=49	98.11	04/09/09	62.20	35.91	< 2	< 2	< 2	< 2	<b>37,000</b>	6,590	233	< 2	307	< 40	<b>966</b>
		07/23/09	57.92	40.19	< 5	< 5	< 5	< 5	<b>14,100</b>	22,500	252	7.9	268	< 40	<b>1,280</b>
		10/02/09	59.18	38.93	< 1	< 1	< 1	< 1	<b>43,400</b>	32,400	312	< 1	309	<b>64.3 J</b>	<b>1,460</b>
		01/15/10	50.72	47.39	< 5	< 5	< 5	< 5	<b>5,080</b>	1,530	76.8	< 5	169	< 300	<b>109</b>
MW-14D TD = 273 TOS=open	92.22	10/01/09	55.36	36.86	< 1	< 1	< 1	< 1	<b>7,860</b>	4,740	167	< 1	39.9	36.9 J	<b>1,110</b>
		01/18/10	45.54	46.68	< 2	< 2	< 2	< 2	<b>1,080</b>	416	30.6	< 2	11.5	< 300	< 100
MW-15D TD = 132 TOS=open	96.98	10/01/09	59.95	37.03	< 2	< 2	< 2	< 2	<b>10,600</b>	9,890	234	2.04	125	<b>53 J</b>	<b>1,160</b>
		01/18/10	50.81	46.17	< 2	< 2	< 2	< 2	<b>6,520</b>	2,910	100	< 2	91.9	< 300	<b>102</b>
MW-16 TD = 120 TOS=open	89.79	10/01/09	53.13	36.66	< 1	< 1	< 1	< 1	<b>160</b>	67.4	2.30	< 1	2.46	<b>55.9 J</b>	<b>176</b>
		01/18/10	43.20	46.59	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 300	< 100
MW-17 TD = 120 TOS=open	92.61	10/01/09	55.73	36.88	<b>7.38</b>	< 2	< 2	8.44	<b>31,000</b>	25,800	591	4.24	202	< 20	<b>1,710</b>
		01/18/10	45.92	46.69	< 5	< 5	< 5	< 5	<b>11,600</b>	14,600	354	< 5	217	< 300	<b>164</b>
TF-1	--	09/19/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/19/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		08/08/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		10/10/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/16/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/15/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		06/12/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/18/08	--	--	Well destroyed during UST removal activities in July 2008										

**TABLE 3  
GROUNDWATER ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Top of Casing Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)	Analytes of Concern (ug/l)										
					BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>					5.0	1,000	700	10,000	20	NG	NG	NG	NG	47	47
TF-2	--	09/19/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/19/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		08/08/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		10/10/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/16/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/15/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		06/12/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/18/08	--	--	Well destroyed during UST removal activities in July 2008										
TF-3	--	10/21/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/30/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/09/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/23/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		10/01/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/15/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--
TF-4	--	10/21/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/30/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/09/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/23/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		10/01/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/15/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--
TF-5	--	10/21/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/30/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/09/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/23/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		10/01/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/15/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--
TF-6	--	10/21/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/30/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/09/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/23/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		10/01/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/15/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--



**TABLE 3  
GROUNDWATER ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Top of Casing Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)	Analytes of Concern (ug/l)										
					BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>					5.0	1,000	700	10,000	20	NG	NG	NG	NG	47	47
TF-7	--	10/21/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/30/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/09/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/23/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		10/01/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/15/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--
TF-8	--	10/21/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/30/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		04/09/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		07/23/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		10/01/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--
		01/15/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--

ND = Not Detected  
 NG = No Guideline  
 -- = Not Applicable / Not Available  
 J = Estimated Value  
 D = dilution (secondary value)

ft = feet  
 Concentrations in ug/l  
 ug/l = micrograms per liter

Top of casing elevation based on arbitrary datum of 100 feet.

Values exceeding the specified MDE criteria are **bolded**.

< = analyte not detected at or above the specified laboratory detection limit

TPH analysis conducted in accordance with EPA Method 8015B.

Volatile organic compound (VOC) analysis conducted in accordance with EPA Method 8260B; only BTEX and oxygenates are summarized

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, February 2003

MTBE = Methyl-tertiary butyl-ether  
 TBA = Tert-butyl alcohol  
 TAME = Tert-amyl methyl ether  
 DIPE = Di-isopropyl Ether  
 ETBE = Ethyl tert-butyl ether  
 TPH = Total petroleum hydrocarbons  
 GRO = Gasoline-range organics  
 DRO = Diesel-range organics  
 TD = Total depth of well (feet)  
 TOS = Top of screen (feet)

**TABLE 4**  
**SITE SUPPLY AND POET SYSTEM WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)											
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10	47	47
FR-81-5955INF PW-1-West TOC=91.48 TD=300 feet BOC = 32 feet	01/04/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	01/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	09/04/08	< 0.1	< 0.1	< 0.1	< 0.1	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	35 J	< 20
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 32	21 J
	10/29/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>94 J</b>	<b>143</b>
FR-88-1394-INF PW-2-Center TOC=93.91 TD=400 feet BOC = 47 feet	01/04/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	01/10/07	< 0.1	0.1 J	< 0.1	< 0.2	2	25	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 29	< 20
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 31	< 20
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	30 J	< 20
	09/04/08	< 0.1	< 0.1	< 0.1	< 0.1	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 32	< 20
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	1.5	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 33	22 J
10/29/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>153 J</b>	<b>100</b>	
FR-94-1233-INF PW-2-South TOC=88.36 TD=400 feet BOC = 40 feet	01/04/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	01/10/07	< 0.1	< 0.1	< 0.1	< 0.2	12	< 5	0.3 J	< 0.1	0.2 J	< 0.2	--	--
	01/19/07	< 0.5	< 0.7	< 0.8	< 0.8	1 J	--	--	--	--	--	--	--
	04/17/07	< 0.1	< 0.1	< 0.1	< 0.2	12	< 5	0.2 J	< 0.1	0.3 J	< 0.2	< 28	21 J
	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	11	< 5	0.1 J	< 0.1	0.5	< 0.2	29 J	< 20
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	01/23/08	< 1	< 1	< 1	< 2	<b>970</b>	390	28	< 1	4.1 J	< 2	< 28	<b>1,000</b>
	04/15/08	< 0.1	< 0.1	< 0.1	< 0.2	<b>110</b>	6.9 J	1.6	< 0.1	1.3	< 0.2	<b>76 J</b>	<b>900</b>
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	33 J	< 20
	09/04/08	< 0.1	< 0.1	< 0.1	< 0.1	2.6	< 5	< 0.1	< 0.1	1.8	< 0.2	< 32	< 20
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	13	< 5	0.2 J	< 0.1	1.8	< 0.2	< 32	47 J
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	7.55	< 2.5	< 0.5	< 0.5	2.37	< 0.5	<b>126 J</b>	< 25
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>487</b>	25.0	10.3	< 0.5	3.01	< 0.5	<b>338</b>	<b>307</b>
	07/17/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	<b>163</b>
10/29/09	< 0.5	< 0.5	< 0.5	< 0.5	1.04	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>99.2 J</b>	40.6 J	
01/15/10	< 0.5	< 0.5	< 0.5	< 0.5	0.66	< 2.5	< 0.5	< 0.5	0.6	< 0.5	< 300	< 100	

**TABLE 4**  
**SITE SUPPLY AND POET SYSTEM WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)											
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10	47	47
FR-88-1366-INF PW-3-East TOC=95.22 TD=400 feet BOC = 41 feet	01/04/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	01/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	04/17/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	40 J	< 20
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	0.6	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	04/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 30	< 20
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 29	< 20
	09/04/08	< 0.1	< 0.1	< 0.1	< 0.1	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 35	< 20
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	4.3	< 5	0.1 J	< 0.1	< 0.1	< 0.2	< 35	< 20
10/29/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>96.6 J</b>	<b>84.5 J</b>	
FR-94-1281-INF PW-3-South TOC=83.26 TD=400 feet BOC = 40 feet	01/04/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	01/10/07	< 0.1	< 0.1	< 0.1	< 0.2	0.5 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	01/19/07	< 0.5	< 0.7	< 0.8	< 0.8	< 0.5	--	--	--	--	--	--	--
	04/17/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	11	< 5	< 0.1	< 0.1	1.7	< 0.2	35 J	< 20
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	4.5	< 5	< 0.1	< 0.1	2.8	< 0.2	< 28	< 20
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	9.5	< 5	< 0.1	< 0.1	0.9	< 0.2	< 29	< 20
	04/15/08	< 0.1	< 0.1	< 0.1	< 0.2	1.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2	<b>81 J</b>	<b>530</b>
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	11	< 5	< 0.1	< 0.1	0.2 J	< 0.2	< 29	< 20
	09/04/08	< 0.1	< 0.1	< 0.1	< 0.1	11	< 5	0.2 J	< 0.1	0.4 J	< 0.2	< 31	< 20
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	17	< 5	0.5	< 0.1	0.2 J	< 0.2	< 33	24 J
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	10.1	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	6.77	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	07/17/09	< 0.5	< 0.5	< 0.5	< 0.5	9.34	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
10/29/09	< 0.5	< 0.5	< 0.5	< 0.5	16.7	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>103 J</b>	<b>139</b>	
01/15/10	< 0.5	< 0.5	< 0.5	< 0.5	1.23	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 300	< 100	



**TABLE 4**  
**SITE SUPPLY AND POET SYSTEM WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)											
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10	47	47
GVP POET-INF PW-1 (blended sample)	03/28/06	< 0.1	< 0.1	< 0.1	< 0.2	14	< 5	0.3 J	< 0.1	0.1 J	< 0.2	--	--
	09/19/06	< 0.1	0.1 J	< 0.1	< 0.2	<b>42</b>	6.8 J	0.5	< 0.1	0.4 J	< 0.2	--	--
	11/06/06	< 0.1	< 0.1	< 0.1	< 0.2	<b>24</b>	5.1 J	0.3 J	< 0.1	0.7	< 0.2	--	--
	04/05/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	02/20/08	< 0.2	< 0.2	< 0.2	< 0.4	<b>74</b>	66	1.5	< 0.2	0.4 J	< 0.4	<b>83 J</b>	<b>82</b>
	09/04/08	< 0.1	< 0.1	< 0.1	< 0.1	10	5.6 J	0.2 J	< 0.1	0.2 J	< 0.2	--	--
	09/08/08	< 0.1	0.2 J	< 0.1	< 0.2	<b>50</b>	29	1.4	< 0.1	0.5 J	< 0.2	--	--
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	3.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 32	< 20
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	6.8	< 5	0.2 J	< 0.1	< 0.1	< 0.2	< 33	< 20
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	--	< 300	< 100
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	2.46	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>130 J</b>	< 25
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	14	6.37	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	7.72	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	05/19/09	< 0.5	< 0.5	< 0.5	< 0.5	1.41	< 2.5	< 0.5	< 0.5	< 0.5	--	< 40	< 25
	06/05/09	< 1	< 1	< 1	< 1	2.00	< 5	< 1	< 1	< 1	< 1	< 40	< 25
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	3.87	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	08/12/09	< 0.5	< 0.5	< 0.5	< 0.5	3.33	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	09/04/09	< 0.5	< 0.5	< 0.5	< 0.5	3.17	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>108 J</b>	41.9 J
10/29/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>64.4 J</b>	44.8 J	
11/06/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>86.2 J</b>	41.0 J	
12/04/09	< 0.5	< 0.5	< 0.5	< 0.5	11.6	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 345	< 100	
01/25/10	< 0.5	< 0.5	< 0.5	< 0.5	0.86	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 300	< 100	

**TABLE 4**  
**SITE SUPPLY AND POET SYSTEM WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)											
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10	47	47
GVP POET-MID	09/04/08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	09/08/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	41 J	< 20
	10/03/08	< 0.5	< 0.7	< 0.8	< 0.8	< 0.5	< 10	--	--	--	--	--	--
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 35	< 20
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	--	< 300	< 100
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 80	< 25
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	05/19/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	--	< 40	< 25
	06/05/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	08/12/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	09/04/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>83.6 J</b>	33.8 J
	10/29/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>110 J</b>	<b>52 J</b>
	11/06/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>57.6 J</b>	46.0 J
12/04/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 360	< 100	
01/25/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 300	< 100	

**TABLE 4**  
**SITE SUPPLY AND POET SYSTEM WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)											
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10	47	47
GVP POET-EFF	09/04/08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	09/08/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	--	--
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 31	< 20
	10/03/08	< 0.5	< 0.7	< 0.8	< 0.8	< 0.5	< 10	--	--	--	--	--	--
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 33	< 20
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	--	< 300	< 100
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	05/19/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	--	< 40	< 25
	06/05/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	08/12/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	09/04/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>65.6 J</b>	42.2 J
	10/29/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>89.8 J</b>	<b>121</b>
11/06/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	<b>86.1 J</b>	<b>70.7 J</b>	
12/04/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 390	< 100	
01/25/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 300	< 100	

ND = Not Detected

NG = No Guideline

-- = Not Applicable / Not Available

J = Estimated Value

D = dilution (secondary value)

\* = Represents the sum of o-Xylenes and m,p-Xylene:

Concentrations in ug/l

ug/l = micrograms per liter

Values exceeding the specified MDE criteria are **bolded**.

< = analyte not detected at or above the specified laboratory detection limit

TPH analysis conducted in accordance with EPA Method 8015B.

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, February 2003

Volatile organic compound (VOC) analysis conducted in accordance with EPA Method 8260B; only BTEX and oxygenates are summarized

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tert-amyl methyl ether

DIPE = Di-isopropyl Ether

ETBE = Ethyl tert-butyl ether

TPH = Total petroleum hydrocarbons

GRO = Gasoline-range organics

DRO = Diesel-range organics

TOC = Top of well casing elevation (feet)

TD = Total depth of well (feet)

BOC = Bottom of well casing (feet)

**TABLE 5**  
**ADJACENT GREEN VALLEY SHOPPING CENTER SUPPLY WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)											
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10	47	47
FR-73-4918-INF TOC = 79.06 TD = 360 feet BOC = 42 feet	04/05/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	10/11/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 29	< 20
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	33 J	< 20
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 34	< 20
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 100	33.3
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	44.9 J	43.9 J
	01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 300	< 100
FR-73-6674-INF TOC = 80.82 TD = 200 feet BOC = 63 feet	04/05/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 28	< 20
	10/11/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3	< 5	< 0.1	< 0.1	0.2	< 0.2	< 28	< 20
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 29	< 20
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 29	< 20
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	36 J	< 20
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	< 33	< 20
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	33.2
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	33.4 J	39.5 J
	01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 300	< 100



**TABLE 5**  
**ADJACENT GREEN VALLEY SHOPPING CENTER SUPPLY WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)											
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE	TPH-DRO	TPH-GRO
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10	47	47
FR-73-1687-INF TOC = 79.31 TD=100 feet BOC = 43 feet	04/17/07	< 0.1	< 0.1	< 0.1	< 0.2	1.3	< 5	< 0.1	< 0.1	6.3	< 0.2	< 27	< 20
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	0.6	< 5	< 0.1	< 0.1	3.6	< 0.2	< 28	< 20
	10/11/07	< 0.1	< 0.1	< 0.1	< 0.2	0.5	< 5	< 0.1	< 0.1	3.9	< 0.2	< 28	< 20
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.5 J	< 5	< 0.1	< 0.1	1.2	< 0.2	< 28	< 20
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.5	< 5	< 0.1	< 0.1	4.8	< 0.2	< 29	< 20
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	7.2	< 5	< 0.1	< 0.1	10	< 0.2	39 J	23 J
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.6	< 5	< 0.1	< 0.1	3.0	< 0.2	37 J	< 20
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	1.03	< 0.5	< 40	35.2
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	1.37	< 2.5	< 0.5	< 0.5	1.19	< 0.5	< 40	< 25
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	0.960	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 40	< 25
	10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	1.09	< 2.5	< 0.5	< 0.5	5.06	< 0.5	<b>60.8 J</b>	<b>49.5 J</b>
	12/04/09	< 0.5	< 0.5	< 0.5	< 0.5	0.51	< 2.5	< 0.5	< 0.5	5.74	< 0.5	< 315	< 100
	01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	5.9	< 0.5	< 300	< 100

ND = Not Detected

NG = No Guideline

-- = Not Applicable / Not Available

J = Estimated Value

D = dilution (secondary value)

\* = Represents the sum of o-Xylenes and m,p-Xylenes

Concentrations in ug/l

ug/l = micrograms per liter

Values exceeding the specified MDE criteria are **bolded**.

< = analyte not detected at or above the specified laboratory detection limit

TPH analysis conducted in accordance with EPA Method 8015B.

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, February 2003

Volatile organic compound (VOC) analysis conducted in accordance with EPA Method 8260B; only BTEX and oxygenates are summarized

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tert-amyl methyl ether

DIPE = Di-isopropyl Ether

ETBE = Ethyl tert-butyl ether

TPH = Total petroleum hydrocarbons

GRO = Gasoline-range organics

DRO = Diesel-range organics

TOC = Top of well casing elevation (feet)

TD = Total depth of well (feet)

BOC = Bottom of well casing (feet)

**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3990 Farm Lane (Influent) Bradley Residence FR-73-5449 TOC = 64.90 TD = 80 feet BOC = unknown	05/01/07	0.4 J	ND	ND	0.2 J	<b>1,100</b>	590 J	33 J	ND	6.2	ND
	05/16/07	< 0.3	< 0.3	< 0.3	< 0.5	<b>770</b>	440	25	< 0.3	4.5	< 0.5
	06/21/07	< 1	< 1	< 1	< 2	<b>1,100</b>	590	33	< 1	5.8	< 2
	07/18/07	< 2	< 2	< 2	< 4	<b>1,500</b>	720	34	< 2	5.7 J	< 4
	08/08/07	< 1	< 1	< 1	< 2	<b>1,300</b>	500	44	< 1	5.8	< 2
	09/26/07	< 2	< 2	< 2	< 4	<b>950</b>	470 J	24	< 2	4.7 J	< 4
	10/10/07	< 2	< 2	< 2	< 4	<b>1,200</b>	560	33	< 2	5.9 J	< 4
	11/14/07	< 1	< 1	< 1	< 2	<b>1,200</b>	520	36	< 1	6.6	< 2
	12/19/07	< 2	< 2	< 2	< 4	<b>1,300</b>	730	37	< 2	6.5 J	< 4
	01/23/08	< 1	< 1	< 1	< 2	<b>1,400</b>	530	40	< 1	5.4	< 2
	02/13/08	< 1	< 1	< 1	< 2	<b>1,400</b>	610	42	< 1	5.7	< 2
	03/12/08	< 1	< 1	< 1	< 2	<b>1,400</b>	510	38	< 1	5.6	< 2
	04/16/08	< 1	< 1	< 1	< 2	<b>920</b>	580	28	< 1	5.4	< 2
	05/21/08	< 1	< 1	< 1	< 2	<b>920</b>	610	30	< 1	4.8 J	< 2
	06/26/08	< 5	< 5	< 5	< 10	<b>1,100</b>	540 J	28	< 5	< 5	< 10
	07/16/08	< 1	< 1	< 1	< 2	<b>1,100</b>	510	29	< 1	5.6	< 2
	08/20/08	< 1	< 1	< 1	< 2	<b>1,100</b>	520	31	< 1	4.7 J	< 2
	09/25/08	< 0.5	< 0.5	< 0.5	< 1	<b>1,300</b>	620	36	< 0.5	6.8	< 1
	10/15/08	< 1	< 1	< 1	< 2	<b>1,200</b>	450	33	< 1	5.9	< 2
	11/19/08	< 1	< 1	< 1	< 2	<b>1,900</b>	770	45	< 1	9.3	< 2
12/11/08	< 1	< 1	< 1	< 2	<b>1,400</b>	620	35	< 1	7.6	< 2	
01/14/09	0.82	< 0.5	< 0.5	< 0.5	<b>1,520</b>	607	39.7	< 0.5	8.62	< 0.5	
02/11/09	0.89	< 0.5	< 0.5	< 0.5	<b>2,090</b>	838	43.1	< 0.5	10.5	< 0.5	
03/18/09	0.77	< 0.5	< 0.5	< 0.5	<b>1,580</b>	937	38.3	< 0.5	11.7	< 0.5	
04/08/09	0.930	< 0.5	< 0.5	< 0.5	<b>2,810</b>	1,100	48.3	< 0.5	10.6	< 0.5	
07/15/09	0.850	< 0.5	< 0.5	< 0.5	<b>1,380</b>	913	40.8	< 0.5	12.4	< 0.5	
10/07/09	0.580	< 0.5	< 0.5	< 0.5	<b>1,420</b>	675	30.1	< 0.5	9.67	< 0.5	
01/13/10	0.510	< 0.5	< 0.5	< 0.5	<b>1,260</b>	485	27.6	< 0.5	7.47	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3990 Farm Lane (Mid-System) Bradley Residence	05/16/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/21/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	16 J	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	62	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	110	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	31	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	8.7 J	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/26/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	12 J	< 0.1	< 0.1	< 0.1	< 0.2
	09/25/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	54	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	110	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/11/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	14.4	< 0.5	< 0.5	< 0.5	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	839	< 0.5	< 0.5	< 0.5	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3990 Farm Lane (Effluent) Bradley Residence	05/16/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/21/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	20 J	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/27/08	carbon change conducted on February 27, 2008									
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/26/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/25/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	5.3 J	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	8.8 J	< 0.1	< 0.1	< 0.1	< 0.2
	10/23/09	carbon change conducted on October 23, 2008									
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/11/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	08/18/09	carbon change conducted on August 18, 2009									
	10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5



**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3992 Farm Lane (Influent) Podliska Residence unknown well ID TOC = 64.02 TD = unknown BOC = unknown	05/15/07	< 1	< 1	< 1	< 2	<b>710</b>	360	22	< 1	3.6 J	< 2
	05/30/07	< 1	< 1	< 1	< 2	<b>630</b>	330	16	< 1	3 J	< 2
	06/13/07	< 1	< 1	< 1	< 2	<b>640</b>	110 J	17	< 1	3.8 J	< 2
	07/18/07	< 1	< 1	< 1	< 2	<b>930</b>	440	24	< 1	4.6 J	< 2
	08/29/07	< 1	< 1	< 1	< 2	<b>880</b>	520	25	< 1	4.7 J	< 2
	09/26/07	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	500	< 0.1	< 0.1	< 0.1	< 0.2
	10/31/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	520	< 0.1	< 0.1	< 0.1	< 0.2
	11/07/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	8.4 J	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 1	< 1	< 1	< 2	<b>1,300</b>	660	37	< 1	6.6	< 2
	01/16/08	< 1	< 1	< 1	< 2	<b>1,300</b>	530	43	< 1	5.6	< 2
	02/13/08	< 1	< 1	< 1	< 2	<b>1,100</b>	500	30	< 1	4.5 J	< 2
	03/12/08	< 1	< 1	< 1	< 2	<b>1,200</b>	380	26	< 1	5	< 2
	04/16/08	< 1	< 1	< 1	< 2	<b>780</b>	490	22	< 1	4.7 J	< 2
	05/05/08	< 1	< 1	< 1	< 2	<b>850</b>	390	25	< 1	4.1 J	< 2
	06/18/08	< 0.3	< 0.3	< 0.3	< 0.5	<b>500</b>	270	15	< 0.3	3.3	< 0.5
	07/16/08	< 0.5	< 0.5	< 0.5	< 1	<b>760</b>	340	19	< 0.5	4.1	< 1
	08/20/08	< 1	< 1	< 1	< 2	<b>990</b>	460	25	< 1	4.3 J	< 2
	09/17/08	< 1	< 1	< 1	< 2	<b>1,000</b>	1,100	24	< 1	4.2 J	< 2
	10/15/08	< 1	1.1 J	< 1	< 2	<b>1,300</b>	500	33	< 1	6.2	< 2
	11/05/08	< 0.1	0.1 J	< 0.1	< 0.2	< 0.1	140	< 0.1	< 0.1	< 0.1	< 0.2
12/10/08	< 1	< 1	< 1	< 2*	<b>1,400</b>	900	39	< 1	8.2	< 2	
01/14/09	0.75	< 0.5	< 0.5	< 0.5	<b>1,750</b>	1,230	31.4	< 0.5	8.16	< 0.5	
02/11/09	0.69	< 0.5	< 0.5	< 0.5	<b>1,710</b>	930	31.8	< 0.5	8.65	< 0.5	
03/18/09	0.73	< 0.5	< 0.5	< 0.5	<b>1,460</b>	906	31.3	< 0.5	10.7	< 0.5	
04/15/09	0.510	< 0.5	< 0.5	< 0.5	<b>2,290</b>	1,230	35.9	< 0.5	8.22	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,020</b>	413	14.8	< 0.5	7.07	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,110</b>	372	16.8	< 0.5	6.06	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	<b>381</b>	15.6	6.5	< 0.5	3.57	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3992 Farm Lane (Mid-System) Podliska Residence	05/30/07	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/29/07	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	0.3 J	< 0.1	< 0.2	< 0.1	8.3 J	< 0.1	< 0.1	< 0.1	< 0.2
	10/31/07	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	17 J	< 0.1	< 0.1	< 0.1	< 0.2
	11/07/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	18 J	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/16/08	< 0.1	0.1 J	< 0.1	< 0.2	< 0.1	6.1 J	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	40	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	110	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/05/08	< 0.1	0.1 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/18/08	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	57	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	290	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	400	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/05/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/10/08	< 0.1	< 0.1	< 0.1	< 0.2*	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	67.6	< 0.5	< 0.5	< 0.5	< 0.5	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	345	< 0.5	< 0.5	< 0.5	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
04/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	355	< 0.5	< 0.5	< 0.5	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	319	< 0.5	< 0.5	< 0.5	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3992 Farm Lane (Effluent) Podliska Residence	05/30/07	< 0.1	0.4 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/18/07	< 0.1	0.1 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/29/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/31/07	carbon change conducted on October 31, 2007									
	10/31/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/07/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/09/08	carbon change conducted on April 9, 2008									
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/05/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/18/08	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	44	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	150	< 0.1	< 0.1	< 0.1	< 0.2
	10/08/08	carbon change conducted on October 8, 2008									
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/05/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/10/08	< 0.1	< 0.1	< 0.1	< 0.2*	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/04/09	carbon change conducted on March 4, 2009									
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	08/11/09	carbon change conducted on August 11, 2009									
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6.36	< 0.5	< 0.5	< 0.5	< 0.5	

**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3994 Farm Lane (Influent) Jackson Residence FR-73-2625 TOC = 77.88 TD = 160 feet BOC = 21 feet	04/24/07	< 1	< 1	< 1	< 2	480	300	17	< 1	3.3	< 2
	05/07/07	< 1	< 1	< 1	< 2	690	340	18	< 1	3.2 J	< 2
	05/16/07	< 0.5	< 0.5	< 0.5	< 1	1,000	540	28	< 0.5	4.6	< 1
	06/13/07	< 2	< 2	< 2	< 4	1,200	560	31	< 2	4.9 J	< 4
	07/02/07	< 2	< 2	< 2	< 4	1,200	630	30	< 2	4.8 J	< 4
	08/08/07	< 1	< 1	< 1	< 2	1,100	420	33	< 1	4.3 J	< 2
	09/26/07	< 2	< 2	< 2	< 4	1,100	680	27	< 2	4.6 J	< 4
	10/12/07	< 2	< 2	< 2	< 4	1,100	590	26	< 2	4.5	< 4
	11/14/07	< 1	< 1	< 1	< 2	930	430	25	< 1	4.6 J	< 2
	12/19/07	< 1	< 1	< 1	< 2	850	490	23	< 1	4 J	< 2
	01/23/08	< 0.5	< 0.5	< 0.5	< 1	750	330	20	< 0.5	2.7	< 1
	02/13/08	< 0.5	< 0.5	< 0.5	< 1	670	370	19	< 0.5	2.7	< 1
	03/12/08	< 0.5	< 0.5	< 0.5	< 1	610	250	16	< 0.5	2.4	< 1
	04/16/08	< 1	< 1	< 0.1	< 2	360	260	9.7	< 1	2 J	< 2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	240	130	6.5	< 0.1	1.7	< 0.2
	06/26/08	< 1	< 1	< 1	< 2	790	480	21	< 1	4 J	< 2
	07/16/08	< 1	< 1	< 1	< 2	1,200	580	28	< 1	5.9	< 2
	08/20/08	< 1	< 1	< 1	< 2	1,100	640	27	< 1	4.2 J	< 2
	09/17/08	< 1	< 1	< 1	< 2	920	710	26	< 1	5.7	< 2
	10/15/08	< 1	< 1	< 1	< 2	1,300	570	33	< 1	6.2	< 2
11/19/08	< 1	< 1	< 1	< 2	1,600	1,200	38	< 1	8.3	< 2	
12/11/08	< 1	< 1	< 1	< 2	1,300	810	28	< 1	6.4	< 2	
01/14/09	0.62	< 0.5	< 0.5	< 0.5	1,030	786	20.2	< 0.5	5.5	< 0.5	
02/11/09	0.73	< 0.5	< 0.5	< 0.5	1,360	741	26.9	< 0.5	7.53	< 0.5	
03/18/09	0.58	< 0.5	< 0.5	< 0.5	1,100	768	22.1	< 0.5	8.18	< 0.5	
04/15/09	0.560	< 0.5	< 0.5	< 0.5	1,780	1,140	24.8	< 0.5	5.92	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	861	660	22.0	< 0.5	8.14	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	988	389	14.8	< 0.5	4.87	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	578	195	10.5	< 0.5	4.08	< 0.5	



**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3994 Farm Lane (Mid-System) Jackson Residence	05/07/07	< 5	< 5	< 5	< 10	< 5	290 J	< 5	< 5	< 5	< 10
	05/16/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	14 J	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	620	< 0.1	< 0.1	< 0.1	< 0.2
	10/12/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	7.2	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	20 J	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	560	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	41	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	300	< 0.1	< 0.1	< 0.1	< 0.2
	06/26/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	440	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
12/11/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	
01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	334	< 0.5	< 0.5	< 0.5	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
04/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	7.84	< 0.5	< 0.5	< 0.5	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	

**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3994 Farm Lane (Effluent) Jackson Residence	05/07/07	< 5	< 5	< 5	< 10	< 5	340 J	< 5	< 5	< 5	< 10
	05/16/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	5.1 J	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	carbon change conducted on October 10, 2007									
	10/12/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	6.7	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	5.1 J	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	560	< 0.1	< 0.1	< 0.1	< 0.2
	01/11/08	carbon change conducted on January 11, 2008									
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/17/08	carbon change conducted on June 17, 2008									
	06/26/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	7.9 J	< 0.1	< 0.1	< 0.1	< 0.2
	11/01/08	carbon change conducted on November 1, 2008									
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/11/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/04/09	carbon change conducted on March 4, 2009									
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	44.0	< 0.5	< 0.5	< 0.5	< 0.5	
08/17/09	carbon change conducted August 17, 2009										
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	499	< 0.5	< 0.5	< 0.5	< 0.5	

**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3996 Farm Lane (Influent) Ayala Residence FR-73-2625 TOC = 79.68 TD = 150 feet BOC = 21 feet	04/16/07	0.2 J	< 0.1	< 0.1	< 0.2	370	260 J	12	< 0.1	2	< 0.2
	05/03/07	< 0.5	< 0.5	< 0.5	< 1	430	250	12	< 0.5	1.9 J	< 1
	06/13/07	< 0.5	< 0.5	< 0.5	< 1	360	220	11	< 0.5	1.9 J	< 1
	07/18/07	< 1	< 1	< 1	< 2	390	230 J	9.3	< 1	1.6 J	< 2
	08/08/07	< 0.4	< 0.4	< 0.4	< 0.8	320	190	9.3	< 0.4	1.6 J	< 0.8
	09/27/07	< 0.4	< 0.4	< 0.4	< 0.8	330	220	8.6	< 0.4	1.6 J	< 0.8
	10/12/07	< 0.5	< 0.5	< 0.5	< 1	250	180	7.6	< 0.5	1.4	< 1
	11/14/07	< 0.3	< 0.3	< 0.3	< 0.5	240	140	6.2	< 0.3	1.1 J	< 0.5
	12/19/07	< 0.2	< 0.2	< 0.2	< 0.4	230	140	6.5	< 0.2	1.3	< 0.4
	02/13/08	0.1 J	< 0.1	< 0.1	< 0.2	220	110	5.8	< 0.1	0.9	< 0.2
	03/25/08	0.1	< 0.1	< 0.1	< 0.2	160	100	5.3	< 0.1	0.9	< 0.2
	04/16/08	< 0.2	< 0.2	< 0.2	< 0.4	150	99	4.2	< 0.2	0.8 J	< 0.4
	04/18/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	0.1 J	< 0.1	< 0.1	< 0.2	180	130	6.2	< 0.1	1.1	< 0.2
	06/18/08	< 0.3	< 0.3	< 0.3	< 0.5	310	230	9	< 0.3	1.7	< 0.5
	07/23/08	< 0.5	< 0.5	< 0.5	< 1	350	220	8.4	< 0.5	1.7 J	< 1
	08/20/08	0.3 J	< 0.1	< 0.1	< 0.2	380	240	10	< 0.1	1.9	< 0.2
	09/17/08	< 0.5	< 0.5	< 0.5	< 1	290	180	6.6	< 0.5	1.6 J	< 1
	10/15/08	0.3 J	< 0.3	< 0.3	< 0.5	370	220	9.4	< 0.3	1.9	< 0.5
	11/19/08	< 0.3	< 0.3	< 0.3	< 0.5	360	260	7.9	< 0.3	1.9	< 0.5
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	276	91.7	5.23	< 0.5	1.63	--
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	289	107	4.97	< 0.5	1.56	< 0.5
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	379	104	--	--	--	--
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	208	17	3.39	< 0.5	1.35	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	222	22.3	2.66	< 0.5	1.75	< 0.5	
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	182	7.35	2.00	< 0.5	1.35	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	242	32.5	2.58	< 0.5	2.33	< 0.5	
10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	23.7	< 2.5	< 0.5	< 0.5	1.1	< 0.5	
01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	38.3	8.7	< 0.5	< 0.5	2.08	< 0.5	

**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3996 Farm Lane (Mid-System) Ayala Residence	05/03/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/11/07	--	--	--	--	--	--	--	--	--	--
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	6.5 J	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	88	< 0.1	< 0.1	< 0.1	< 0.2
	09/27/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	260	< 0.1	< 0.1	< 0.1	< 0.2
	10/12/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	21 J	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/02/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	--	--	--	--	< 0.2
	03/25/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	31	< 0.1	< 0.1	< 0.1	< 0.2
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	120	< 0.1	< 0.1	< 0.1	< 0.2
	07/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	50	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	230	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	35	< 0.1	< 0.1	< 0.1	< 0.2
12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	--	
01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	49.7	--	--	--	--	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	



**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3996 Farm Lane (Effluent) Ayala Residence	05/03/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/11/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/27/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	180	< 0.1	< 0.1	< 0.1	< 0.2
	10/09/07	carbon change conducted October 9, 2007									
	10/12/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	6.2 J	< 0.1	< 0.1	< 0.1	< 0.2
	01/21/08	carbon change conducted January 21, 2008									
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	2.4	16 J	< 0.1	< 0.1	< 0.1	< 0.2
	03/02/08	< 0.1	< 0.1	< 0.1	< 0.2	1.2	--	< 0.1	--	--	< 0.2
	03/21/08	carbon change conducted March 21, 2008									
	03/25/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	11 J	< 0.1	< 0.1	< 0.1	< 0.2
	07/14/08	carbon change conducted July 14, 2008									
	07/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	120	< 0.1	< 0.1	< 0.1	< 0.2
	10/09/08	carbon change conducted October 9, 2008									
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/09/08	carbon change conducted December 9, 2008									
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	--
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--
	02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3997 Farm Lane (Influent) Szeliga Residence FR-73-2472 TOC = 80.16 TD = 140 feet BOC = 23 feet	06/08/07	< 0.1	< 0.1	< 0.1	< 0.2	140	19 J	2.2	< 0.1	2.7	< 0.2
	07/17/07	< 1	< 1	< 1	< 2	710	300	20	< 1	5.8	< 2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	340	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	490	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	820	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	1.1 J	< 1	< 1	< 2	3,300	1,500	100	< 1	18	< 2
	01/16/08	< 2	< 2	< 2	< 4	2,700	1,000	93	< 2	13	< 4
	02/13/08	< 0.5	< 0.5	< 0.5	< 1	640	210	18	< 0.5	4	< 1
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	130	7.4	3.5	< 0.1	1.6	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	110	24 J	2.3	< 0.1	1.4	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	130	18 J	3.1	< 0.1	1.5	< 0.2
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	56	13 J	1	< 0.1	0.9	< 0.2
	07/16/08	< 0.5	< 0.5	< 0.5	< 1	460	77 J	8.2	< 0.5	4.2	< 1
	08/20/08	< 0.5	< 0.5	< 0.5	< 1	690	200	20	< 0.5	4.8	< 1
	09/17/08	< 0.5	< 0.5	< 0.5	< 1	1,100	400	30	< 0.5	7.0	< 1
	10/15/08	< 0.5	< 0.5	< 0.5	< 1	1,100	400	33	< 0.5	6.4	< 1
	11/19/08	0.9 J	< 0.5	< 0.5	< 1	2,100	980	63	< 0.5	14	< 1
	12/10/08	1.4 J	< 1	< 1	< 2*	2,800	1,500	80	< 1	16	< 2
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	500	66.2	--	--	--	--
01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	493	79.2	8.95	< 0.5	3	< 0.5	
01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	426	61.3	--	--	--	--	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	1,110	274	23.3	< 0.5	7.7	< 0.5	
03/18/09	0.89	< 0.5	< 0.5	< 0.5	2,060	1,120	53.3	< 0.5	17	< 0.5	
04/08/09	0.870	< 0.5	< 0.5	< 0.5	3,680	1,700	61.8	< 0.5	14.5	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	136	21.5	1.89	< 0.5	3.04	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	608	93.1	8.22	< 0.5	6.49	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	21.5	< 2.5	< 0.5	< 0.5	1.35	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3997 Farm Lane (Mid-System) Szeliga Residence	07/17/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	40	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	130	< 0.1	< 0.1	< 0.1	< 0.2
	01/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	400	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	10 J	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	14 J	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	7.3 J	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	6.3 J	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/10/08	< 0.1	< 0.1	< 0.1	< 0.2*	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	127	< 0.5	< 0.5	< 0.5	< 0.5	
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6.76	< 0.5	< 0.5	< 0.5	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3997 Farm Lane (Effluent) Szeliga Residence	07/17/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/08/08	carbon change conducted February 8, 2008									
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/04/08	carbon change conducted April 4, 2008									
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/18/08	< 0.1	0.1 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	5.1 J	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/08	carbon change conducted October 9, 2008									
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/10/08	< 0.1	< 0.1	< 0.1	< 0.2*	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--
	02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/06/09	carbon change conducted April 6, 2009									
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	10.5	< 0.5	< 0.5	< 0.5	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6.76	< 0.5	< 0.5	< 0.5	< 0.5	



**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3923 Rosewood Road (Influent) Stevens Residence FR-73-2473 TOC = 84.26 TD = 250 feet BOC = 23 feet	04/06/07	< 0.1	< 0.1	< 0.1	< 0.2	<b>170</b>	< 5	4.9	< 0.1	1.5	< 0.2
	05/21/07	< 0.1	< 0.1	< 0.1	< 0.2	4.2	< 5	< 0.1	< 0.1	1.3	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	<b>76</b>	< 5	0.5 J	< 0.1	2.5	< 0.2
	07/18/07	< 2	< 2	< 2	< 4	<b>1,100</b>	360 J	27	< 2	5.7 J	< 4
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	13 J	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	31	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	100	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 2.5	< 2.5	< 2.5	< 5	<b>2,600</b>	1,200	68	< 2.5	12 J	< 5
	01/23/08	< 2	< 2	< 2	< 4	<b>2,200</b>	930	71	< 2	10	< 4
	02/13/08	< 1	< 1	< 1	< 2	<b>1,300</b>	520	45	< 1	6.8	< 2
	03/12/08	< 1	< 1	< 1	< 2	<b>1,200</b>	400	33	< 1	5.8	< 2
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	<b>54</b>	5.1 J	0.6	< 0.1	1	< 0.2
	05/05/08	< 0.1	< 0.1	< 0.1	< 0.2	6.5	< 5	0.1 J	< 0.1	0.2 J	< 0.2
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	7.3	< 5	< 0.1	< 0.1	0.5 J	< 0.2
	07/16/08	< 0.5	< 0.5	< 0.5	< 1	<b>320</b>	32 J	4	< 0.5	3.2	< 1
	08/20/08	< 0.5	< 0.5	< 0.5	< 1	<b>610</b>	160	16	< 0.5	3.9	< 1
	09/17/08	< 0.5	< 0.5	< 0.5	< 1	<b>1,000</b>	420	31	< 0.5	6.8	< 1
	10/15/08	< 0.5	< 0.5	< 0.5	< 1	<b>810</b>	250	24	< 0.5	5.4	< 1
	11/19/08	1 J	< 0.5	< 0.5	< 1	<b>2,200</b>	1,100	65	< 0.5	15	< 1
12/10/08	< 2	< 2	< 2	< 4*	<b>2,300</b>	1,100	62	< 2	13	< 4	
12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	<b>613</b>	99	--	--	--	--	
01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>642</b>	121	10.9	< 0.5	4.41	< 0.5	
01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>631</b>	149	--	--	--	--	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>503</b>	55.3	8.11	< 0.5	4.39	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,480</b>	806	38.1	< 0.5	12.8	< 0.5	
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>2,600</b>	1,190	40.2	< 0.5	10.7	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>48.0</b>	16.6	< 0.5	< 0.5	2.00	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,160</b>	230	18.2	< 0.5	7.44	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	6.52	< 2.5	< 0.5	< 0.5	0.98	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3923 Rosewood Road (Mid-System) Stevens Residence	05/21/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	11 J	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	42	< 0.1	< 0.1	< 0.1	< 0.2
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	420	< 0.1	< 0.1	< 0.1	< 0.2
	05/05/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	560	< 0.1	< 0.1	< 0.1	< 0.2
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/10/08	< 0.1	< 0.1	< 0.1	< 0.2*	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	
01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	14.7	< 0.5	< 0.5	< 0.5	< 0.5	
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	37.6	< 0.5	< 0.5	< 0.5	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	

**TABLE 6  
POET SYSTEM ANALYTICAL DATA SUMMARY  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5	1,000	700	10,000	20	NG	NG	NG	NG	10
3923 Rosewood Road (Effluent) Stevens Residence	05/21/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/18/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/05/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	06/13/08	carbon change conducted June 13, 2008									
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/10/08	< 0.1	< 0.1	< 0.1	< 0.2*	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--	--	--	--
	02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	06/13/09	carbon change conducted June 13, 2009									
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	

J = Estimated Value

ND = Not Detected

-- = Not Applicable / Not Available

NG = No Guideline

Concentration in ug/l = micrograms per liter

< = analyte not detected at or above the specified laboratory detection limit

POET systems for 3994 and 3996 Farm Lane installed on April 30, 2007.

POET system for 3990 Farm Lane installed on May 7, 2007.

POET system for 3923 Rosewood Road installed on May 11, 2007.

POET system for 3992 Farm Lane installed on May 23, 2007.

POET system for 3997 Farm Lane installed on July 9, 2007.

Samples analyzed for VOCs by EPA Method 524.2, only BTEX and oxygenates are summarized

E= Estimated due to interference

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tert-amyl methyl ether

DIPE = Di-isopropyl Ether

ETBE = Ethyl tert-butyl ether

\* = Represents the sum of o-Xylenes and m,p-Xylenes

TOC = Top of well casing elevation (feet)

TD = Total depth of well (feet)

BOC = Bottom of well casing (feet)

**TABLE 6**  
**POET SYSTEM ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Constituents of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES (TOTAL)*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
MDE GNCS, Type I and II Aquifers		5	1,000	700	10,000	20	NG	NG	NG	NG	10

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, February 2003

**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)									
				BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>				5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
11701BARINF	11701 Barn Road	Meinberg	08/15/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11702BARINF	11702 Barn Road	Vermillion	08/15/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11895BARINF	11895 Barley Court	McCarthy	09/10/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11899BARINF	11899 Barley Court	Kranz	09/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3701BLUINF	3701 Blueberry Drive	Hines	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3702BLUINF	3702 Blueberry Drive	Tully	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3703BLUINF	3703 Blueberry Court	Stenger	07/30/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3704BLUINF	3704 Blueberry Drive	Christiani	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3705BLUINF	3705 Blueberry Court	Barton	07/26/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3706BLUEINF	3706 Blueberry Drive	Bass	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3707BLUINF	3707 Blueberry Drive	Vincent	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3708BLUINF	3708 Blueberry Drive	Lawson	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3709BLUINF	3709 Blueberry Court	Lerner	10/14/98	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3711BLUINF	3711 Blueberry Drive	Glensor	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3714BLUINF	3714 Blueberry Drive	Popevis	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3716BLUINF	3716 Blueberry Drive	Osborne	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5



**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)									
				BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>				5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3718BLUINF	3718 Blueberry Court	Baker	07/26/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3720BLUEINF	3720 Blueberry Drive	Reynolds	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3722BLUINF	3722 Blueberry Drive	Young	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
11903CAMEFF	11903 Cameron Court	Kelsey	09/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11904CAMINF	11904 Cameron Court	Ridgley	03/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
			09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11905CAMINF	11905 Cameron Court	Gravely	03/16/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
			09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11906CAMINF	11906 Cameron Court	Thomas	03/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
			09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3800CHAINF	3800 Chaucer Court	Sullivan	09/28/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3801CHAINF	3801 Chaucer Court	Franck	09/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3802CHAINF	3802 Chaucer Court	Dyer	07/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3803CHAINF	3803 Chaucer Court	Seligson	09/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3805CHAINF	3805 Chaucer Court	Dyer	07/18/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3814CHAINF	3814 Chaucer Court	Fisher	09/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3815CHAINF	3815 Chaucer Court	Callahan	09/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5

**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)									
				BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>				5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3821CHAINF	3821 Chaucer Court	Dimitriadis	09/10/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3822CHAINF	3822 Chaucer Court	Eastridge	07/11/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3829CHAINF	3829 Chaucer Court	Webb	09/28/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3830CHAINF	3830 Chaucer Court	Thomas	07/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3835CHAINF	3835 Chaucer Court	Hopko	07/11/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3840CHAINF	3840 Chaucer Court	Wright	07/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3842CHAINF	3842 Chaucer Court	Silverman	07/11/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3902CHAINF	3902 Chaucer Court	Jerigan	10/12/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3908CHAINF	3908 Chaucer Court		10/03/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3912CHAINF	3912 Chaucer Court	Lorincz	10/03/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3914CHAINF	3914 Chaucer Court	Smith	10/12/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
4105COVINF	4105 Cove Road	Rondo	09/28/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5
4107COVINF	4107 Cove Road	Struble	08/30/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5
4109COVINF	4109 Cove Road	Wisnieski	08/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5
4001CORINF	4001 Cornfield Drive	Gue	10/03/07	< 0.5	< 0.5	< 0.5	< 1	1.35	--	< 0.5	< 0.5	--	< 0.5
11902FININF	11902 Fingerboard Road	Robey	03/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5

**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)									
				BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>				5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
11914FININF	11914 Fingerboard Road	Eaton	03/16/07	< 0.5	< 0.5	< 0.5	< 1	0.56	< 5	< 0.5	< 0.5	--	< 0.5
11920FININF	11920 Fingerboard Road	Smith	04/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11942FININF	11942 Fingerboard Road	Thompson	07/11/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11946FININF	11946 Fingerboard Road	Burke	10/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3801GREINF	3801 Greenridge Drive	Peifer	07/26/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3802GREINF	3802 Greenridge Drive	McLaughlin	07/26/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3804GREINF	3804 Greenridge Drive	Coleman	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3805GREINF	3805 Greenridge Drive	Knotz	07/16/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3806GREINF	3806 Greenridge Drive	King	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3807GREINF	3807 Greenridge Drive	Adams	10/25/07	--	< 0.5	--	< 0.5	--	< 5	< 5	< 5	--	< 0.2
3808GREINF	3808 Greenridge Drive	Zoellner	07/26/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3810GREINF	3810 Greenridge Drive	Whirely	07/18/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3836GREENINF	3836 Greenridge Drive	DeGrouchy	05/12/08	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
4011LYNINF	4011 Lynn Burke Road	Sier	10/03/07	< 0.5	< 0.5	< 0.5	< 1	1.16	--	< 0.5	< 0.5	--	< 0.5
4016LYNINF	4016 Lynn Burke Road	Chaplin	09/21/07	< 0.5	< 0.5	< 0.5	< 1	2.91	--	< 0.5	< 0.5	--	< 0.5
4019LYNINF	4019 Lynn Burke Road	Darling	04/05/07	< 0.5	< 0.5	< 0.5	< 1	1.38	--	< 0.5	< 0.5	--	< 0.5

**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)										
				BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE	
<b>MDE GNCS, Type I and II Aquifers</b>					5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
4024LYNINF	4024 Lynn Burke Road	Herman	09/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4104LYNINF	4104 Lynn Burke Road	Brashear	09/19/07	< 0.5	1.92	< 0.5	< 1	1.77	--	< 0.5	< 0.5	--	< 0.5	
4110LYNINF	4110 Lynn Burke Road	Kaigler	10/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4114LYNINF	4114 Lynn Burke Road	Matlock	09/21/07	< 0.5	< 0.5	< 0.5	< 1	0.56	--	< 0.5	< 0.5	--	< 0.5	
4119LYNINF	4119 Lynn Burke Road	Lozupone	10/03/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4122LYNINF	4122 Lynn Burke Road	Wood	10/29/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4125LYNINF	4125 Lynn Burke Road	Way	09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4001MIDINF	4001 Middleton Drive	Schroeder	04/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4002MIDINF	4002 Middleton Drive	Thomas	07/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4003MIDINF	4003 Middleton Road	Miller	03/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
			09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4004MIDINF	4004 Middleton Road	Seavey	09/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4006MIDINF	4006 Middleton Drive	Eilerton	07/18/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
4008MIDINF	4008 Middleton Drive	Graves	07/18/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
11901MILINF	11901 Millbrooke Court	Machovec	07/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	
11903MILINF	11903 Millbrooke Court	Burke	07/18/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	
11905MILINF	11905 Millbrooke Court	Overfelt	07/18/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	

**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)										
				BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE	
<b>MDE GNCS, Type I and II Aquifers</b>					5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3941ROSINF	3941 Rosewood Road	Smith	08/15/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
3942ROSINF	3942 Rosewood Road	Fay	09/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
3969RYEINF	3969 Rye Lane	Mijan	09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
3970RYEINF	3970 Rye Lane	Barford	09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
3971RYEINF	3971 Rye Lane	Cuozzo	09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
3972RYEINF	3972 Rye Lane	Killar	09/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
3973RYEINF	3973 Rye Lane	Kerman	09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
3975RYEINF	3975 Rye Lane	Tull	09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
3977RYEINF	3977 Rye Lane	Smith	09/19/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	--	< 0.5	< 0.5	--	< 0.5	
11702SERINF	11702 Serene Court	McCauley	07/26/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	
11703SERINF	11703 Serene Court	Chalk	08/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	
11704SERINF	11704 Serene Court	Robinson	09/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	
11705SERINF	11705 Serene Court	Darchuk	08/02/07	< 0.5	< 0.5	< 0.5	< 1	0.5	< 5	< 0.5	< 0.5	--	< 0.5	
11707SERINF	11707 Serene Court	Wilkes	09/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	
11708SERINF	11708 Serene Court	Sneddon	08/30/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	
11709SERINF	11709 Serene Court	Bice	09/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5	



**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)									
				BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>				5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
11710SERINF	11710 Serene Court	Kiger	06/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3801SHAINF	3801 Shakespeare Way	McCabe	07/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3810SHAINF	3810 Shakespeare Way	McKay	06/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3811SHAINF	3811 Shakespeare Way	McCathran	06/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3820SHAINF	3820 Shakespeare Way	Parks	10/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3823SHAINF	3823 Shakespeare Way	Leppo	10/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3828SHAINF	3828 Shakespeare Way	Marcoux	06/14/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3835SHAINF	3835 Shakespeare Way	Caldwell	10/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3836SHAINF	3836 Shakespeare Way	Redding	06/21/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3843SHAINF	3843 Shakespeare Way	Paradise	09/28/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3905SHAINF	3905 Shakespeare Way	Castle	09/28/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3908SHAINF	3908 Shakespeare Way	Watkins	06/07/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3913SHAINF	3913 Shakespeare Way	Bourgstein	09/28/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3914SHAINF	3914 Shakespeare Way	Lentz	06/14/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
3921SHAINF	3921 Shakespeare Way	Galley	07/05/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 0.5
3922SHAINF	3922 Shakespeare Way	Kraft	06/14/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5

**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)									
				BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>				5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
11778THOINF	11778 Thomas Spring Road	Markham	10/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11781THOINF	11781 Thomas Spring Road	Harding	08/22/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11782THOINF	11782 Thomas Spring Road	Hall	08/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11783THOINF	11783 Thomas Spring Road	Kroll	10/05/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11784THOINF	11784 Thomas Springs Road	LaBrie	08/24/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11785THOINF	11785 Thomas Springs Road	Weakly	08/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11787THOINF	11787 Thomas Spring Road	Mauk	10/03/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11788THOINF	11788 Thomas Springs Road	Stewart	08/30/07	< 0.5	< 0.5	< 0.5	< 1	1.46	< 5	< 0.5	< 0.5	--	< 0.5
11789THOINF	11789 Thomas Springs Road	Malone	08/29/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11790THOINF	11790 Thomas Springs Road	Smith	08/24/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11791THOINF	11791 Thomas Spring Road	Fleisher	10/03/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11792THOINF	11792 Thomas Springs Road	Gordon	08/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11793THOINF	11793 Thomas Springs Road	Giannas	08/24/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11794THOINF	11794 Thomas Springs Road	Warren	08/24/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11795THOINF	11795 Thomas Springs Road	Lonas	08/24/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11796THOINF	11796 Thomas Spring Road	Donahue	08/30/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5

**TABLE 7**  
**MDE - RESIDENTIAL POTABLE WELLS -ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Location Address	Owner Name	Sample Date	Analytes of Concern (ug/l)									
				BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>				5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
11801TOMINF	11801 Tommy Court	Jeanty	10/11/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11802TOMINF	11802 Tommy Court	Martin	09/28/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11804TOMINF	11804 Tommy Court	Carlson	08/30/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11805TOMINF	11805 Tommy Court	Bugg	08/24/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
11806TOMINF	11806 Tommy Court	Helta	08/30/07	< 0.5	< 0.5	< 0.5	< 1	0.64	< 5	< 0.5	< 0.5	--	< 0.5
4021TRAINF	4021 Tranquility Court	Mellot	07/05/07	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	--	< 0.5
4022TRAINF	4022 Tranquility Court	Samoviski	08/02/07	< 0.5	< 0.5	< 0.5	< 1	0.5	--	< 0.5	< 0.5	--	< 0.5

ND = Not Detected

NG = No Guideline

Applicable / Not Available

† = Estimated Value

n in ug/l = micrograms per liter

he specified MDE criteria are **bolded**.

ethod 524.2, only BTEX and oxygenates are summarized

d in accordance with EPA Method 8015B.

nvironment Generic Numeric Cleanup Standards, February 2003

e sum of o-Xylenes and m,p-Xylenes

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tert-amyl methyl ether

DIPE = Di-isopropyl Ether

ETBE = Ethyl tert-butyl ether

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
11892BARINF FR815959 TD = unknown BOC = unknown	05/03/07	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
11894BARINF FR735173 TD = unknown BOC = unknown	05/03/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/18/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
10/15/08	< 0.1	0.1 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2	
11896BARINF FR735011 TD = unknown BOC = unknown	05/24/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/08/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
10/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2	
3717BLUEINF	07/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3719BLUEINF	07/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3723BLUEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3724BLUEINF	05/29/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3725BLUEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3726BLUEINF	05/24/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3727BLUEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3729BLUEINF	05/23/07	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3731BLUEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3732BLUEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10



**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3733BLUEINF	07/02/07	<0.1	<0.1	<0.1	<0.2	0.2 J	<5	<0.1	<0.1	<0.1	<0.2
3734BLUEINF	05/01/07	<0.1	<0.1	<0.1	<0.2	0.1 J	<5	<0.1	<0.1	<0.1	<0.2
3737BLUEINF	05/21/07	<0.1	<0.1	<0.1	<0.2	0.6	<5	<0.1	<0.1	<0.1	<0.2
FR735013	10/11/07	<0.1	<0.1	<0.1	<0.2	0.7	<5	<0.1	<0.1	<0.1	<0.2
TD = unknown	11/14/07	<0.1	<0.1	<0.1	<0.2	0.9	<5	<0.1	<0.1	<0.1	<0.2
BOC = unknown	12/19/07	<0.1	<0.1	<0.1	<0.2	0.7	<5	<0.1	<0.1	<0.1	<0.2
	01/24/08	<0.1	<0.1	<0.1	<0.2	0.5	<5	<0.1	<0.1	<0.1	<0.2
	03/12/08	<0.1	<0.1	<0.1	<0.2	0.6	<5	<0.1	<0.1	<0.1	<0.2
	04/16/08	<0.1	<0.1	<0.1	<0.2	0.4 J	<5	<0.1	<0.1	<0.1	<0.2
	07/16/08	<0.1	<0.1	<0.1	<0.2	0.7	<5	<0.1	<0.1	<0.1	<0.2
	10/15/08	<0.1	<0.1	<0.1	<0.2	1.0	<5	<0.1	<0.1	<0.1	<0.2
	01/14/09	<0.5	<0.5	<0.5	<0.5	0.68	<2.5	<0.5	<0.5	<0.5	<0.5
	04/08/09	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5
	07/16/09	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5
	10/07/09	<0.5	<0.5	<0.5	<0.5	0.66	<2.5	<0.5	<0.5	<0.5	<0.5
	01/13/10	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5
3739BLUEINF	05/21/07	<0.1	<0.1	<0.1	<0.2	0.4 J	<5	<0.1	<0.1	<0.1	<0.2
FR730493	10/09/07	<0.1	<0.1	<0.1	<0.2	0.3 J	<5	<0.1	<0.1	<0.1	<0.2
TD = 160	11/13/07	<0.1	<0.1	<0.1	<0.2	0.2 J	<5	<0.1	<0.1	<0.1	<0.2
BOC = 21	12/19/07	<0.1	<0.1	<0.1	<0.2	0.2 J	<5	<0.1	<0.1	<0.1	<0.2
	01/24/08	<0.1	<0.1	<0.1	<0.2	0.2 J	<5	<0.1	<0.1	<0.1	<0.2
	02/13/08	<0.1	<0.1	<0.1	<0.2	0.2 J	<5	<0.1	<0.1	<0.1	<0.2
	03/12/08	<0.1	<0.1	<0.1	<0.2	0.2	<5	<0.1	<0.1	<0.1	<0.2
	04/16/08	<0.1	<0.1	<0.1	<0.2	0.1 J	<5	<0.1	<0.1	<0.1	<0.2
	07/16/08	<0.1	<0.1	<0.1	<0.2	0.2 J	<5	<0.1	<0.1	<0.1	<0.2
	10/15/08	<0.1	<0.1	<0.1	<0.2	0.2 J	<5	<0.1	<0.1	<0.1	<0.2
	01/14/09	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5
	04/08/09	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5
	07/16/09	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5
	10/07/09	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5
	01/13/10	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3740BLUEINF FR720717 TD = 240 BOC = 20	04/26/07	< 0.1	< 0.1	< 0.1	< 0.2	0.6	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/12/07	< 0.1	1.9	< 0.1	< 0.2	0.5	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	0.3 J	< 0.1	< 0.2	0.5 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.5 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/09/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3913CHAUCERINF	07/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3915CHAUCERINF	06/18/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3919CHAUCERINF	05/24/07	< 0.1	0.2 J	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
4002CORNINF	07/02/07	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3991DAISYINF	05/31/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3992DAISYINF	05/23/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3993DAISYINF	05/29/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3994DAISYINF	06/18/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3995DAISYINF	05/24/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3996DAISYINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3997DAISYINF	05/29/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3979FARMINF	05/03/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR732615	10/11/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 150	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 23	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3981FARMINF	06/18/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR732882	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 150	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 22	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/17/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3983FAMRINF	07/06/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR732884	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 150	11/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 55	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	0.4 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3984FARMINF	05/11/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR738553	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 160	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 26	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/25/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/20/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3984AFARMINF	10/10/07	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR950162	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 300	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 51	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3985FARMINF	05/07/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR732894	10/08/07	< 0.1	0.1 J	0.6	3.1	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 150	11/13/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 22	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/18/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3987FARMINF FR732897 TD = 150 BOC = 23	05/07/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/25/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/27/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/17/08	< 0.1	0.3 J	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/21/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/09/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/15/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3989FARMINF FR732664 TD = 150 BOC = 23	05/07/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/12/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/19/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/20/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/18/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	



**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II</b>											
<b>Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3990FARMINF	05/01/07	0.4 J	ND	ND	0.2 J	<b>1,100</b>	590 J	33 J	ND	6.2	ND
FR735449	05/16/07	< 0.3	< 0.3	< 0.3	< 0.5	<b>770</b>	440	25	< 0.3	4.5	< 0.5
TOC = 64.90	06/21/07	< 1	< 1	< 1	< 2	<b>1,100</b>	590	33	< 1	5.8	< 2
TD = 80 feet	07/18/07	< 2	< 2	< 2	< 4	<b>1,500</b>	720	34	< 2	5.7 J	< 4
BOC = unknown	08/08/07	< 1	< 1	< 1	< 2	<b>1,300</b>	500	44	< 1	5.8	< 2
	09/26/07	< 2	< 2	< 2	< 4	<b>950</b>	470 J	24	< 2	4.7 J	< 4
	10/10/07	< 2	< 2	< 2	< 4	<b>1,200</b>	560	33	< 2	5.9 J	< 4
	11/14/07	< 1	< 1	< 1	< 2	<b>1,200</b>	520	36	< 1	6.6	< 2
	12/19/07	< 2	< 2	< 2	< 4	<b>1,300</b>	730	37	< 2	6.5 J	< 4
	01/23/08	< 1	< 1	< 1	< 2	<b>1,400</b>	530	40	< 1	5.4	< 2
	02/13/08	< 1	< 1	< 1	< 2	<b>1,400</b>	610	42	< 1	5.7	< 2
	03/12/08	< 1	< 1	< 1	< 2	<b>1,400</b>	510	38	< 1	5.6	< 2
	04/16/08	< 1	< 1	< 1	< 2	<b>920</b>	580	28	< 1	5.4	< 2
	05/21/08	< 1	< 1	< 1	< 2	<b>920</b>	610	30	< 1	4.8 J	< 2
	06/26/08	< 5	< 5	< 5	< 10	<b>1,100</b>	540 J	28	< 5	< 5	< 10
	07/16/08	< 1	< 1	< 1	< 2	<b>1,100</b>	510	29	< 1	5.6	< 2
	08/20/08	< 1	< 1	< 1	< 2	<b>1,100</b>	520	31	< 1	4.7 J	< 2
	09/25/08	< 0.5	< 0.5	< 0.5	< 1	<b>1,300</b>	620	36	< 0.5	6.8	< 1
	10/15/08	< 1	< 1	< 1	< 2	<b>1,200</b>	450	33	< 1	5.9	< 2
	11/19/08	< 1	< 1	< 1	< 2	<b>1,900</b>	770	45	< 1	9.3	< 2
	12/11/08	< 1	< 1	< 1	< 2	<b>1,400</b>	620	35	< 1	7.6	< 2
	01/14/09	0.82	< 0.5	< 0.5	< 0.5	<b>1,520</b>	607	39.7	< 0.5	8.62	< 0.5
	02/11/09	0.89	< 0.5	< 0.5	< 0.5	<b>2,090</b>	838	43.1	< 0.5	10.5	< 0.5
	03/18/09	0.77	< 0.5	< 0.5	< 0.5	<b>1,580</b>	937	38.3	< 0.5	11.7	< 0.5
	04/08/09	0.930	< 0.5	< 0.5	< 0.5	<b>2,810</b>	1,100	48.3	< 0.5	10.6	< 0.5
	07/15/09	0.850	< 0.5	< 0.5	< 0.5	<b>1,380</b>	913	40.8	< 0.5	12.4	< 0.5
	10/07/09	0.580	< 0.5	< 0.5	< 0.5	<b>1,420</b>	675	30.1	< 0.5	9.67	< 0.5
	01/13/10	0.510	< 0.5	< 0.5	< 0.5	<b>1,260</b>	485	27.6	< 0.5	7.47	< 0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3991FARMINF	05/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR732663	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 150	10/11/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 21	11/19/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/09/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II</b>											
<b>Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3992FARMINF	05/15/07	< 1	< 1	< 1	< 2	<b>710</b>	360	22	< 1	3.6 J	< 2
unknown well ID	05/30/07	< 1	< 1	< 1	< 2	<b>630</b>	330	16	< 1	3 J	< 2
TOC = 64.02	06/13/07	< 1	< 1	< 1	< 2	<b>640</b>	110 J	17	< 1	3.8 J	< 2
TD = unknown	07/18/07	< 1	< 1	< 1	< 2	<b>930</b>	440	24	< 1	4.6 J	< 2
BOC = unknown	08/29/07	< 1	< 1	< 1	< 2	<b>880</b>	520	25	< 1	4.7 J	< 2
	09/26/07	< 0.1	0.2 J	< 0.1	< 0.2	< 0.1	500	< 0.1	< 0.1	< 0.1	< 0.2
	10/31/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	520	< 0.1	< 0.1	< 0.1	< 0.2
	11/07/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	8.4 J	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 1	< 1	< 1	< 2	<b>1,300</b>	660	37	< 1	6.6	< 2
	01/16/08	< 1	< 1	< 1	< 2	<b>1,300</b>	530	43	< 1	5.6	< 2
	02/13/08	< 1	< 1	< 1	< 2	<b>1,100</b>	500	30	< 1	4.5 J	< 2
	03/12/08	< 1	< 1	< 1	< 2	<b>1,200</b>	380	26	< 1	5	< 2
	04/16/08	< 1	< 1	< 1	< 2	<b>780</b>	490	22	< 1	4.7 J	< 2
	05/05/08	< 1	< 1	< 1	< 2	<b>850</b>	390	25	< 1	4.1 J	< 2
	06/18/08	< 0.3	< 0.3	< 0.3	< 0.5	<b>500</b>	270	15	< 0.3	3.3	< 0.5
	07/16/08	< 0.5	< 0.5	< 0.5	< 1	<b>760</b>	340	19	< 0.5	4.1	< 1
	08/20/08	< 1	< 1	< 1	< 2	<b>990</b>	460	25	< 1	4.3 J	< 2
	09/17/08	< 1	< 1	< 1	< 2	<b>1,000</b>	1,100	24	< 1	4.2 J	< 2
	10/15/08	< 1	1.1 J	< 1	< 2	<b>1,300</b>	500	33	< 1	6.2	< 2
	11/05/08	< 0.1	0.1 J	< 0.1	< 0.2	< 0.1	140	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	0.75	< 0.5	< 0.5	< 0.5	<b>1,750</b>	1,230	31.4	< 0.5	8.16	< 0.5
	02/11/09	0.69	< 0.5	< 0.5	< 0.5	<b>1,710</b>	930	31.8	< 0.5	8.65	< 0.5
	03/18/09	0.73	< 0.5	< 0.5	< 0.5	<b>1,460</b>	906	31.3	< 0.5	10.7	< 0.5
	04/15/09	0.510	< 0.5	< 0.5	< 0.5	<b>2,290</b>	1,230	35.9	< 0.5	8.22	< 0.5
	07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,020</b>	413	14.8	< 0.5	7.07	< 0.5
	10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,110</b>	372	16.8	< 0.5	6.06	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	381	15.6	6.5	< 0.5	3.57	< 0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3993FARMINF	04/24/07	< 0.1	< 0.1	< 0.1	< 0.2	0.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR732474	07/27/07	< 0.1	0.1 J	< 0.1	< 0.2	1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 150	10/08/07	< 0.1	0.2 J	< 0.1	< 0.2	0.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 23	11/14/07	< 0.1	0.1 J	< 0.1	< 0.2	0.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	0.7	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.6	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	0.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.6	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	0.1 J	< 0.1	< 0.2	0.5 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.7	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/09/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/17/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3994FARMINF	04/24/07	< 1	< 1	< 1	< 2	<b>480</b>	300	17	< 1	3.3	< 2
FR732625	05/07/07	< 1	< 1	< 1	< 2	<b>690</b>	340	18	< 1	3.2 J	< 2
TOC = 77.88	05/16/07	< 0.5	< 0.5	< 0.5	< 1	<b>1,000</b>	540	28	< 0.5	4.6	< 1
TD = 160 feet	06/13/07	< 2	< 2	< 2	< 4	<b>1,200</b>	560	31	< 2	4.9 J	< 4
BOC = 21 feet	07/02/07	< 2	< 2	< 2	< 4	<b>1,200</b>	630	30	< 2	4.8 J	< 4
	08/08/07	< 1	< 1	< 1	< 2	<b>1,100</b>	420	33	< 1	4.3 J	< 2
	09/26/07	< 2	< 2	< 2	< 4	<b>1,100</b>	680	27	< 2	4.6 J	< 4
	10/12/07	< 2	< 2	< 2	< 4	<b>1,100</b>	590	26	< 2	4.5	< 4
	11/14/07	< 1	< 1	< 1	< 2	<b>930</b>	430	25	< 1	4.6 J	< 2
	12/19/07	< 1	< 1	< 1	< 2	<b>850</b>	490	23	< 1	4 J	< 2
	01/23/08	< 0.5	< 0.5	< 0.5	< 1	<b>750</b>	330	20	< 0.5	2.7	< 1
	02/13/08	< 0.5	< 0.5	< 0.5	< 1	<b>670</b>	370	19	< 0.5	2.7	< 1
	03/12/08	< 0.5	< 0.5	< 0.5	< 1	<b>610</b>	250	16	< 0.5	2.4	< 1
	04/16/08	< 1	< 1	< 0.1	< 2	<b>360</b>	260	9.7	< 1	2 J	< 2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	<b>240</b>	130	6.5	< 0.1	1.7	< 0.2
	06/26/08	< 1	< 1	< 1	< 2	<b>790</b>	480	21	< 1	4 J	< 2
	07/16/08	< 1	< 1	< 1	< 2	<b>1,200</b>	580	28	< 1	5.9	< 2
	08/20/08	< 1	< 1	< 1	< 2	<b>1,100</b>	640	27	< 1	4.2 J	< 2
	09/17/08	< 1	< 1	< 1	< 2	<b>920</b>	710	26	< 1	5.7	< 2
	10/15/08	< 1	< 1	< 1	< 2	<b>1,300</b>	570	33	< 1	6.2	< 2
	11/19/08	< 1	< 1	< 1	< 2	<b>1,600</b>	1,200	38	< 1	8.3	< 2
	12/11/08	< 1	< 1	< 1	< 2	<b>1,300</b>	810	28	< 1	6.4	< 2
	01/14/09	0.62	< 0.5	< 0.5	< 0.5	<b>1,030</b>	786	20.2	< 0.5	5.5	< 0.5
	02/11/09	0.73	< 0.5	< 0.5	< 0.5	<b>1,360</b>	741	26.9	< 0.5	7.53	< 0.5
	03/18/09	0.58	< 0.5	< 0.5	< 0.5	<b>1,100</b>	768	22.1	< 0.5	8.18	< 0.5
	04/15/09	0.560	< 0.5	< 0.5	< 0.5	<b>1,780</b>	1,140	24.8	< 0.5	5.92	< 0.5
	07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>861</b>	660	22	< 0.5	8.14	< 0.5
	10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>988</b>	389	14.8	< 0.5	4.87	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	<b>578</b>	195	10.5	< 0.5	4.08	< 0.5



**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3995FARMINF FR732475 TD = 185 BOC = 23	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	0.1 J	< 0.2
	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/12/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	0.1 J	< 0.2
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	0.1 J	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	0.1	< 0.2
	04/14/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	0.2 J	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	0.2 J	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/17/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3996FARMINF FR732624 TOC = 79.68 TD = 150 feet BOC = 21 feet	04/16/07	0.2 J	< 0.1	< 0.1	< 0.2	<b>370</b>	260 J	12	< 0.1	2	< 0.2
	05/03/07	< 0.5	< 0.5	< 0.5	< 1	<b>430</b>	250	12	< 0.5	1.9 J	< 1
	06/13/07	< 0.5	< 0.5	< 0.5	< 1	<b>360</b>	220	11	< 0.5	1.9 J	< 1
	07/18/07	< 1	< 1	< 1	< 2	<b>390</b>	230 J	9.3	< 1	1.6 J	< 2
	08/08/07	< 0.4	< 0.4	< 0.4	< 0.8	<b>320</b>	190	9.3	< 0.4	1.6 J	< 0.8
	09/27/07	< 0.4	< 0.4	< 0.4	< 0.8	<b>330</b>	220	8.6	< 0.4	1.6 J	< 0.8
	10/12/07	< 0.5	< 0.5	< 0.5	< 1	<b>250</b>	180	7.6	< 0.5	1.4	< 1
	11/14/07	< 0.3	< 0.3	< 0.3	< 0.5	<b>240</b>	140	6.2	< 0.3	1.1 J	< 0.5
	12/19/07	< 0.2	< 0.2	< 0.2	< 0.4	<b>230</b>	140	6.5	< 0.2	1.3	< 0.4
	02/13/08	0.1 J	< 0.1	< 0.1	< 0.2	<b>220</b>	110	5.8	< 0.1	0.9	< 0.2
	03/25/08	0.1	< 0.1	< 0.1	< 0.2	<b>160</b>	100	5.3	< 0.1	0.9	< 0.2
	04/16/08	< 0.2	< 0.2	< 0.2	< 0.4	<b>150</b>	99	4.2	< 0.2	0.8 J	< 0.4
	04/18/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	05/21/08	0.1 J	< 0.1	< 0.1	< 0.2	<b>180</b>	130	6.2	< 0.1	1.1	< 0.2
	06/18/08	< 0.3	< 0.3	< 0.3	< 0.5	<b>310</b>	230	9	< 0.3	1.7	< 0.5
	07/23/08	< 0.5	< 0.5	< 0.5	< 1	<b>350</b>	220	8.4	< 0.5	1.7 J	< 1
	08/20/08	0.3 J	< 0.1	< 0.1	< 0.2	<b>380</b>	240	10	< 0.1	1.9	< 0.2
	09/17/08	< 0.5	< 0.5	< 0.5	< 1	<b>290</b>	180	6.6	< 0.5	1.6 J	< 1
	10/15/08	0.3 J	< 0.3	< 0.3	< 0.5	<b>370</b>	220	9.4	< 0.3	1.9	< 0.5
	11/19/08	< 0.3	< 0.3	< 0.3	< 0.5	<b>360</b>	260	7.9	< 0.3	1.9	< 0.5
12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	<b>276</b>	91.7	5.23	< 0.5	1.63	--	
01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>289</b>	107	4.97	< 0.5	1.56	< 0.5	
01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>379</b>	104	--	--	--	--	
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>208</b>	17	3.39	< 0.5	1.35	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>222</b>	22.3	2.66	< 0.5	1.75	< 0.5	
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>182</b>	7.35	2	< 0.5	1.35	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>242</b>	32.5	2.58	< 0.5	2.33	< 0.5	
10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>23.7</b>	< 2.5	< 0.5	< 0.5	1.1	< 0.5	
01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	<b>38.3</b>	8.7	< 0.5	< 0.5	2.08	< 0.5	

**TABLE 8  
RESIDENTIAL POTABLE WELL ANALYTICAL DATA  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3997FARMINF	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	14	< 5	0.1 J	< 0.1	1.9	< 0.2
FR732472	05/01/07	< 0.1	< 0.1	< 0.1	< 0.2	3.7	< 5	< 0.1	< 0.1	0.2	< 0.2
TOC = 80.16	06/08/07	< 0.1	< 0.1	< 0.1	< 0.2	<b>140</b>	19 J	2.2	< 0.1	2.7	< 0.2
TD = 140 feet	07/17/07	< 1	< 1	< 1	< 2	<b>710</b>	300	20	< 1	5.8	< 2
BOC = 23 feet	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	340	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	490	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	820	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	1.1 J	< 1	< 1	< 2	<b>3,300</b>	1,500	100	< 1	18	< 2
	01/16/08	< 2	< 2	< 2	< 4	<b>2,700</b>	1,000	93	< 2	13	< 4
	02/13/08	< 0.5	< 0.5	< 0.5	< 1	<b>640</b>	210	18	< 0.5	4.0	< 1
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	<b>130</b>	7.4	3.5	< 0.1	1.6	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	<b>110</b>	24 J	2.3	< 0.1	1.4	< 0.2
	05/21/08	< 0.1	< 0.1	< 0.1	< 0.2	<b>130</b>	18 J	3.1	< 0.1	1.5	< 0.2
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	<b>56</b>	13 J	1	< 0.1	0.9	< 0.2
	07/16/08	< 0.5	< 0.5	< 0.5	< 1	<b>460</b>	77 J	8.2	< 0.5	4.2	< 1
	08/20/08	< 0.5	< 0.5	< 0.5	< 1	<b>690</b>	200	20	< 0.5	4.8	< 1
	09/17/08	< 0.5	< 0.5	< 0.5	< 1	<b>1,100</b>	400	30	< 0.5	7.0	< 1
	10/15/08	< 0.5	< 0.5	< 0.5	< 1	<b>1,100</b>	400	33	< 0.5	6.4	< 1
	11/19/08	0.9 J	< 0.5	< 0.5	< 1	<b>2,100</b>	980	63	< 0.5	14	< 1
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	<b>500</b>	66.2	--	--	--	--
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>493</b>	79.2	8.95	< 0.5	3	< 0.5
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>426</b>	61.3	--	--	--	--
	02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,110</b>	274	23.3	< 0.5	7.7	< 0.5
	03/18/09	0.89	< 0.5	< 0.5	< 0.5	<b>2,060</b>	1,120	53.3	< 0.5	17	< 0.5
	04/08/09	0.870	< 0.5	< 0.5	< 0.5	<b>3,680</b>	1,700	61.8	< 0.5	14.5	< 0.5
	07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>136</b>	21.5	1.89	< 0.5	3.04	< 0.5
	10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>608</b>	93.1	8.22	< 0.5	6.49	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	21.5	< 2.5	< 0.5	< 0.5	1.35	< 0.5

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3998FARMINF	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	0.7	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR732623	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 400	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 22	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/25/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	02/13/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	1.4	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/10/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/17/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/09/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/15/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
11703FININF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
11711FININF	05/24/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
11902FININF	03/16/07	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 5	< 0.5	< 0.5	--	< 0.5
	04/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2
11906FININF	04/25/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3815GREENINF	07/06/07	< 0.1	< 0.1	< 0.1	< 0.2	1.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3816GREENINF	07/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3817GREENINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3818GREENINF	05/07/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3819GREENINF	05/31/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3820GREENINF	05/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3821GREENINF	05/31/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2

**TABLE 8  
RESIDENTIAL POTABLE WELL ANALYTICAL DATA  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3822GREENINF	05/07/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3823GREENINF	05/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3825GREENINF	05/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3826GREENINF	05/07/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3828GREENINF	04/24/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3829GREENINF	04/24/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR730009	10/11/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 100	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 20	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/09/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3830GREENINF	04/26/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3831GREENINF	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3832GREENINF	04/24/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3833GREENINF	04/26/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR735017	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = unknown	10/08/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = unknown	11/13/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	0.3	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3834GREENINF	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3835GREENINF FR735019 TD = unknown BOC = unknown	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	1.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.6	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/08/07	< 0.1	< 0.1	< 0.1	< 0.2	0.9	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/20/07	< 0.1	< 0.1	< 0.1	< 0.2	0.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	08/12/09	< 0.5	< 0.5	< 0.5	< 0.5	0.81	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/09/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3836GREENINF	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3837GREENINF FR735175 TD = unknown BOC = unknown	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	1.3	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.5 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	1.5	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	1.4	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	12/20/07	< 0.1	< 0.1	< 0.1	< 0.2	1.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.9	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	03/12/08	< 0.1	< 0.1	< 0.1	< 0.2	1.6	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	1.8	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	2.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	1.39	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	1.31	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/23/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	
3840GREENINF	04/17/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3904ROSEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3905ROSEINF	06/08/07	< 0.1	0.1 J	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3906ROSEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	6.4 J	< 0.1	< 0.1	< 0.1	< 0.2
3907ROSEINF	05/30/07	< 0.1	0.3 J	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2



**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPHTHALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3908ROSEINF	05/23/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3909ROSEINF	05/23/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3913ROSEINF	06/08/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3914ROSEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3916ROSEINF	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3918ROSEINF	04/17/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3923ROSEINF FR-73-2473 TOC = 84.26 TD = 250 feet BOC = 23 feet	04/06/07	< 0.1	< 0.1	< 0.1	< 0.2	<b>170</b>	< 5	4.9	< 0.1	1.5	< 0.2
	05/21/07	< 0.1	< 0.1	< 0.1	< 0.2	4.2	< 5	< 0.1	< 0.1	1.3	< 0.2
	06/13/07	< 0.1	< 0.1	< 0.1	< 0.2	<b>76</b>	< 5	0.5 J	< 0.1	2.5	< 0.2
	07/18/07	< 2	< 2	< 2	< 4	<b>1,100</b>	360 J	27	< 2	5.7 J	< 4
	08/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	09/26/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	13 J	< 0.1	< 0.1	< 0.1	< 0.2
	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	31	< 0.1	< 0.1	< 0.1	< 0.2
	11/14/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	100	< 0.1	< 0.1	< 0.1	< 0.2
	12/19/07	< 2.5	< 2.5	< 2.5	< 5	<b>2,600</b>	1,200	68	< 2.5	12 J	< 5
	01/23/08	< 2	< 2	< 2	< 4	<b>2,200</b>	930	71	< 2	10	< 4
	02/13/08	< 1	< 1	< 1	< 2	<b>1,300</b>	520	45	< 1	6.8	< 2
	03/12/08	< 1	< 1	< 1	< 2	<b>1,200</b>	400	33	< 1	5.8	< 2
	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	<b>54</b>	5.1 J	0.6	< 0.1	1	< 0.2
	05/05/08	< 0.1	< 0.1	< 0.1	< 0.2	6.5	< 5	0.1 J	< 0.1	0.2 J	< 0.2
	06/18/08	< 0.1	< 0.1	< 0.1	< 0.2	7.3	< 5	< 0.1	< 0.1	0.5 J	< 0.2
	07/16/08	< 0.5	< 0.5	< 0.5	< 1	<b>320</b>	32 J	4	< 0.5	3.2	< 1
	08/20/08	< 0.5	< 0.5	< 0.5	< 1	<b>610</b>	160	16	< 0.5	3.9	< 1
	09/17/08	< 0.5	< 0.5	< 0.5	< 1	<b>1,000</b>	420	31	< 0.5	6.8	< 1
	10/15/08	< 0.5	< 0.5	< 0.5	< 1	<b>810</b>	250	24	< 0.5	5.4	< 1
	11/19/08	1 J	< 0.5	< 0.5	< 1	<b>2,200</b>	1,100	65	< 0.5	15	< 1
	12/29/08	< 0.5	< 0.5	< 0.5	< 0.5	<b>613</b>	99	--	--	--	--
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>642</b>	121	10.9	< 0.5	4.41	< 0.5
	01/30/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>631</b>	149	--	--	--	--
02/11/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>503</b>	55.3	8.11	< 0.5	4.39	< 0.5	
03/18/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,480</b>	806	38.1	< 0.5	12.8	< 0.5	
04/08/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>2,600</b>	1,190	40.2	< 0.5	10.7	< 0.5	
07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>48</b>	16.6	< 0.5	< 0.5	2	< 0.5	
10/07/09	< 0.5	< 0.5	< 0.5	< 0.5	<b>1,160</b>	230	18.2	< 0.5	7.44	< 0.5	
01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	6.52	< 2.5	< 0.5	< 0.5	0.98	< 0.5	
3927ROSEINF	04/06/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3928ROSEINF	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3930ROSEINF	05/30/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3931ROSEINF	05/07/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3932ROSEINF	05/30/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3933ROSEINF	05/24/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3934ROSEINF	07/02/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3936ROSEINF	07/06/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3937ROSEINF	06/08/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3939ROSEINF	05/24/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3978RYEINF	05/23/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	0.2 J	< 0.2
FR734370	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	0.2 J	< 0.2
TD = 150	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	0.1 J	< 0.2
BOC = 21	04/16/08	< 0.1	0.2 J	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	0.1 J	< 0.2
	07/16/08	< 0.1	0.3 J	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	0.1 J	< 0.2
3979RYEINF	05/21/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3980RYEINF	07/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR882818	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3981RYEINF	05/21/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3982RYEINF	05/31/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 150	10/08/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 21	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3983RYEINF	05/03/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3984RYEINF	05/03/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR734367	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 185	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 23	10/17/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3985RYEINF	05/16/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2

**TABLE 8  
RESIDENTIAL POTABLE WELL ANALYTICAL DATA  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3986RYE INF	05/07/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR731221	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = unknown	01/25/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = unknown	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3987RYEINF	05/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3988RYEINF	05/03/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR731218	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = unknown	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = unknown	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3989RYEINF	06/18/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3990RYEINF	05/16/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR731167	10/08/07	< 0.1	< 0.1	< 0.1	< 0.2	0.3 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = unknown	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = unknown	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3991RYEINF	05/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3992RYEINF	05/09/07	< 0.1	< 0.1	< 0.1	< 0.2	1.9	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR733391	10/12/07	< 0.1	< 0.1	< 0.1	< 0.2	1.4	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = unknown	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	1.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = unknown	04/17/08	< 0.1	< 0.1	< 0.1	< 0.2	1.9	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	1.2	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/14/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5

**TABLE 8  
RESIDENTIAL POTABLE WELL ANALYTICAL DATA  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH- THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
3994RYEINF	04/05/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR733390	10/09/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 140	01/23/08	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 21	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/16/08	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/17/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3995RYEINF	04/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3996RYEINF	04/05/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR733495	10/10/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 160	04/18/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 28	10/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/17/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/14/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
3997RYEINF	04/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
3998RYEINF	04/06/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
FR733496	07/27/07	< 0.1	< 0.1	< 0.1	< 0.2	0.1 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
TD = 200	10/08/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
BOC = 21	01/24/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	04/16/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	07/17/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	10/15/08	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2
	01/15/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/16/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/13/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
11711SEREINF	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 5	< 0.1	< 0.1	< 0.1	< 0.2

**TABLE 8**  
**RESIDENTIAL POTABLE WELL ANALYTICAL DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)									
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	ETBE	DIPE	NAPH-THALENE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG	10
11712SEREINF	04/16/07	< 0.1	< 0.1	< 0.1	< 0.2	0.4 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2
11713SEREINF	04/06/07	< 0.1	< 0.1	< 0.1	< 0.2	0.2 J	< 5	< 0.1	< 0.1	< 0.1	< 0.2

ND = Not Detected

NG = No Guideline

-- = Not Applicable / Not Available

J = Estimated Value

Concentration in ug/l = micrograms per liter

Values exceeding the specified MDE criteria are **bolded**.

\* = Represents the sum of o-Xylenes and m,p-Xylenes

TPH analysis conducted in accordance with EPA Method 8015B.

Samples analyzed for VOCs by EPA Method 524.2, only BTEX and oxygenates are summarized

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, February 2003

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tert-amyl methyl ether

DIPE = Di-isopropyl Ether

ETBE = Ethyl tert-butyl ether

TOC = Top of well casing elevation (feet)

TD = Total depth of well (feet)

BOC = Bottom of well casing (feet)



**TABLE 9  
MONITORING WELL CONSTRUCTION DETAILS  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Well ID.	Well Permit #	Date Well Drilled	Date Well Installed	Well Diameter (inches)	Total Depth of Well from Ground Surface	Elevation of TOC	Date of Last Survey	Depth to Bottom of Steel Casing (feet)	Depth to TOS from Ground Surface	Depth to BOS from Ground Surface	COMMENTS
MW-1	FR-94-5045	02/07/06	02/07/06	2	61.5	99.19	02/27/06	--	40	61.5	
MW-2	FR-94-5046	02/07/06	02/07/06	2	61.5	99.47	02/27/06	--	40	61.5	
MW-3	FR-94-5047	02/07/06	02/07/06	2	81.5	99.16	02/27/06		40	64	Drilled to 81.5 feet, backfilled and set at 64 feet; well abandoned 5/15/08
MW-4	FR-94-5048	02/07/06	02/07/06	2	61.5	97.84	02/27/06	--	40	61.5	
MW-5	FR-95-0982	05/12/08	02/23/09	4	70	99.60	03/18/09	14	40	70	
MW-6	FR-95-0983	05/12/08	02/23/09	4	59.5	98.09	03/18/09	14	40	59.5	boring caved to 59.5 feet
MW-7	FR-95-0984	05/12/08	02/24/09	4	80	97.66	03/18/09	19.5	53	80	
MW-8	FR-95-0985	05/12/08	02/23/09	4	70	97.93	03/18/09	15	45	70	
MW-9	FR-95-1216	02/26/09	03/11/09	4	78	88.48	03/18/09	10	48	78	
MW-10	FR-95-1217	02/26/09	03/11/09	4	80	91.64	03/18/09	10	40	80	
MW-11	FR-95-1219	02/27/09	03/11/09	4	77	94.28	03/18/09	10	47	77	
MW-12	FR-95-1218	03/02/09	03/12/09	4	84	95.33	03/18/09	10	44	82	
MW-13	FR-95-1215	03/02/09	03/12/09	4	84	98.11	03/18/09	10	49	84	
MW-14D	FR-95-1418	09/24/09	-	-	273	92.22	09/29/09	10.5	-	273	open borehole to depth
MW-15D	FR-95-1419	09/28/09	-	-	132	96.98	09/29/09	10	-	132	open borehole to depth
MW-16	FR-95-1420	09/25/09	-	-	120	89.79	09/29/09	9.75	-	120	open borehole to depth
MW-17	FR-95-1421	09/25/09	-	-	120	92.61	09/29/09	10.5	-	120	open borehole to depth

**Notes:**

- TOS - Top of screen
- TOC - Top of casing
- BOS - Bottom of screen
- U -Unknown

**TABLE 10**  
**KEY PUMPING TEST DATA**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Well ID	Open Interval Length (feet)	Casing Elevation (feet)	Well Depth (feet)	Depth To Water Static (feet)	Groundwater Elevation Static (feet)*	Distance From Pumping Well (feet)	Drawdown (feet)	GW Elevation Drawdown (feet)*
MW-1	21.5	99.19	61.5	50.05	49.14	157	0.36	48.78
MW-2	21.5	99.47	61.5	58.75	40.72	192	0.75	39.97
MW-4	21.5	99.84	61.5	57.51	42.33	149	-1.85	44.18
MW-5	30	99.6	70	59.05	40.55	189	0.72	39.83
MW-6	29.5	98.09	59.5	58.98	39.11	107	0.01	39.1
MW-7	27	97.66	80	61.71	35.95	24	4	31.95
MW-8	25	97.93	70	60	37.93	44	1.05	36.88
MW-9	30	88.48	78	51.76	36.72	150	0.54	36.18
MW-10	40	91.64	80	54.86	36.78	165	0.93	35.85
MW-11	30	94.28	77	48.67	45.61	320	0.93	44.68
MW-12	38	95.33	84	45.87	49.46	159	0.5	48.96
MW-13	35	98.11	84	60.11	38	57	1.69	36.31
MW-14D	262.5	92.22	273	55.4	36.82	150	1.4	35.42
MW-15D	122	96.98	132	60.48	36.5	0	30	6.5
MW-16	109.25	89.19	120	53.02	36.17	160	0.6	35.57
MW-17	109.5	92.61	120	55.78	36.83	168	0.85	35.98
FR-94-1233	360	88.36	400	52.84	35.52	181		
FR-94-1281	360	83.26	400	48.3	34.96	204		

Elevations are based on a relative datam for the site.

\* Static groundwater elevations were collected on October 5, 2009 and drawdown measurements were collected on October 15, 2009

**TABLE 11**  
**AQUIFER PARAMETER ESTIMATES; 72-HOUR PUMP TEST**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Well	Model	T (ft <sup>2</sup> /d)	K (ft/d)	S	Ss (ft <sup>-1</sup> )	Least-Squares Residual Statistics		
						Variance (ft <sup>2</sup> )	Standard Deviation (ft)	Mean (ft)
MW-7	Theis (confined)	1.93E-01	1.93E-03	2.20E-01	2.20E-03	1.07E-02	1.03E-01	4.81E-03
<b>MW-7</b>	<b>Theis (unconfined)</b>	<b>1.98E-01</b>	<b>1.98E-03</b>	<b>2.21E-01</b>	<b>2.21E-03</b>	<b>1.05E-02</b>	<b>1.02E-01</b>	<b>4.70E-03</b>
MW-8	Theis (confined)	4.54E-01	4.54E-03	1.03E-02	1.03E-04	1.35E-03	3.68E-02	-4.40E-04
<b>MW-8</b>	<b>Theis (unconfined)</b>	<b>4.60E-01</b>	<b>4.60E-03</b>	<b>1.05E-02</b>	<b>1.05E-04</b>	<b>1.35E-03</b>	<b>3.68E-02</b>	<b>-4.56E-04</b>
MW-10	Theis (confined)	2.12E+00	2.12E-02	2.32E-03	2.32E-05	1.02E-03	3.19E-02	7.14E-03
<b>MW-10</b>	<b>Theis (unconfined)</b>	<b>2.15E+00</b>	<b>2.15E-02</b>	<b>2.34E-03</b>	<b>2.34E-05</b>	<b>1.02E-03</b>	<b>3.19E-02</b>	<b>7.11E-03</b>
MW-13	Theis (confined)	8.03E+00	8.03E-02	3.15E-02	3.15E-04	8.41E-03	9.17E-02	8.71E-03
<b>MW-13</b>	<b>Theis (unconfined)</b>	<b>8.40E+00</b>	<b>8.40E-02</b>	<b>3.18E-02</b>	<b>3.18E-04</b>	<b>8.37E-03</b>	<b>9.15E-02</b>	<b>8.63E-03</b>
MW-14D	Theis (confined)	2.82E+01	2.82E-01	7.05E-03	7.05E-05	9.53E-03	9.76E-02	6.06E-03
<b>MW-14D</b>	<b>Theis (unconfined)</b>	<b>2.84E+01</b>	<b>2.84E-01</b>	<b>7.09E-03</b>	<b>7.09E-05</b>	<b>9.51E-03</b>	<b>9.75E-02</b>	<b>6.09E-03</b>
	Max (unconfined)	2.84E+01	2.84E-01	2.21E-01	2.21E-03	-	-	-
	Min (unconfined)	1.98E-01	1.98E-03	2.34E-03	2.34E-05	-	-	-
	Arithmetic Mean (unconfined)	7.92E+00	7.92E-02	5.45E-02	5.45E-04	-	-	-
	Geometric Mean (unconfined)	2.16E+00	2.16E-02	1.65E-02	1.65E-04	-	-	-

ft = feet

ft<sup>2</sup>/d = square feet per day

ft/d = feet per day

ft<sup>-1</sup> = inverse feet

ft<sup>2</sup> = square feet

T = transmissivity; K = bulk hydraulic conductivity; S = bulk storativity; Ss = bulk specific storage

Theis 1935

K and Ss calculated using an assumed aquifer thickness of 100 ft

Least Squares Residual Statistics based on automatic fit of site data to analytical model

**TABLE 12**  
**AQUIFER PARAMETER ESTIMATIONS; 4-HOUR PUMP TESTS**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

						Least-Squares Residual Statistics		
Well	Model	T (ft <sup>2</sup> /d)	K (ft/d)	S	Ss (ft <sup>-1</sup> )	Variance (ft <sup>2</sup> )	Std. Deviation (ft)	Mean (ft)
MW-13	Theis (confined)	3.24E+01	3.24E-01	1.05E-03	1.05E-05	3.33E-01	5.77E-01	-2.34E-01
<b>MW-13</b>	<b>Theis (unconfined)</b>	<b>3.30E+01</b>	<b>3.30E-01</b>	<b>1.34E-03</b>	<b>1.34E-05</b>	<b>3.06E-01</b>	<b>5.53E-01</b>	<b>-2.31E-01</b>
MW-16	Theis (confined)	1.23E+02	1.23E+00	1.00E+00	1.00E-02	4.93E+00	2.22E+00	1.23E-01
<b>MW-16</b>	<b>Theis (unconfined)</b>	<b>1.29E+02</b>	<b>1.29E+00</b>	<b>1.00E+00</b>	<b>1.00E-02</b>	<b>4.94E+00</b>	<b>2.22E+00</b>	<b>1.33E-01</b>
Max (unconfined)		1.29E+02	1.29E+00	1.00E+00	1.00E-02	-	-	-
Min (unconfined)		3.30E+01	3.30E-01	1.34E-03	1.34E-05	-	-	-
Arithmetic Mean (unconfined)		8.08E+01	8.08E-01	5.01E-01	5.01E-03	-	-	-
Geometric Mean (unconfined)		6.51E+01	6.51E-01	3.66E-02	3.66E-04	-	-	-

ft = feet

ft<sup>2</sup>/d = square feet per day

ft/d = feet per day

ft<sup>-1</sup> = inverse feet

ft<sup>2</sup> = square feet

T = transmissivity; K = bulk hydraulic conductivity; S = bulk storativity; Ss = bulk specific storage

Theis 1935

K and Ss calculated using an assumed aquifer thickness of 100 ft

Least Squares Residual Statistics based on automatic fit of site data to analytical model

**TABLE 13**  
**PUMP TEST ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)								
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG
MW15DPUMPTTEST	10/12/09	<1	<1	<1	<1	<b>11,300</b>	7,970	98.4	1.09	64.8
MW15DPUMPTTEST2	10/13/09	1.07	<1	<1	<1	<b>17,000</b>	19,500	366	1.74	158
MW15DPUMPTTEST3	10/13/09	<1	<1	<1	<1	<b>14,200</b>	14,400	280	1.28	83.1
MW15DPUMPTTEST4	10/14/09	<1	<1	<1	<1	<b>7,550</b>	11,600	128	1.44	56.3
MW15DPUMPTTEST5	10/14/09	<1	<1	<1	<1	<b>9,140</b>	9,050	125	<1	58.8
MW15DPUMPTTEST6	10/15/09	<1	<1	<1	<1	<b>11,000</b>	10,200	149	<1	55.7
MW15DPUMPTTEST7	10/15/09	<1	<1	<1	<1	<b>10,600</b>	10,300	136	<1	53.9

NG = No Guideline

-- = Not Applicable / Not Available

J = Estimated Value

D = dilution (secondary value)

Concentrations in ug/l

ug/l = micrograms per liter

Values exceeding the specified MDE criteria are **bolded**.

<= analyte not detected at or above the specified laboratory detection limit

Volatile organic compound (VOC) analysis conducted in accordance with EPA Method 8260B; only BTEX and oxygenates are summarized

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, February 2003

\* = Represents the sum of o-Xylenes and m,p-Xylenes

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tert-amyl methyl ether

DIPE = Di-isopropyl Ether

ETBE = Ethyl tert-butyl ether

**TABLE 14**  
**PUMP TEST GEOCHEMISTRY ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Parameter	Sample Date	Sampling Method	Units	MW-15D (beginning of test)
Aluminum (Al)	10/12/09	EPA 200.7	mg/l	<0.05
Potassium (K)	10/12/09	EPA 200.7	mg/l	1.58
Sodium (Na)	10/12/09	EPA 200.7	mg/l	44.5
Nitrate as N (NO <sub>3</sub> <sup>-</sup> )	10/12/09	EPA 300	mg/l	1.93
Sulfate (SO <sub>4</sub> <sup>-2</sup> )	10/12/09	EPA 300	mg/l	1.43
Total Iron (Fe)	10/12/09	EPA 200.7	mg/l	0.0828
Ferrous Iron (Fe <sup>+2</sup> )	10/12/09	SM3500	mg/l	<0.50
Total Organic Carbon	10/12/09	SM5310C	mg/l	3.7
Total Alkalinity	10/12/09	SM2320B	mg/l	22
Bicarbonate Alkalinity (H <sub>2</sub> CO <sub>3</sub> )	10/12/09	SM2320B	mg/l	22
Ammonia (N)	10/12/09	ASTM D6919	mg/l	<0.10
Cadmium (Cd)	10/12/09	EPA 200.7	mg/l	<0.002
Chloride (Cl <sup>-</sup> )	10/12/09	EPA 300	mg/l	111
Calcium (Ca)	10/12/09	EPA 200.7	mg/l	12.4
Manganese (Mn)	10/12/09	EPA 200.7	mg/l	0.941
Magnesium (Mg)	10/12/09	EPA 200.7	mg/l	10.9
Phosphorus (P)	10/12/09	EPA 365.3	mg/l	<0.04
Total Hardness	10/12/09	SM2340C	mg/l	80
Total Dissolved Solids	10/12/09	SM2540C	mg/l	209
Total Suspended Solids	10/12/09	SM2540D	mg/l	<4.0
pH	10/12/09	Field	pH units	5.62
Temperature	10/12/09	Field	C	16.94
Dissolved Oxygen	10/12/09	Field	mg/l	0.69
Conductivity	10/12/09	Field	mS/cm <sup>3</sup>	0.47
Oxygen Reduction Potential	10/12/09	Field		194

J = Estimated Value

D = dilution (secondary value)

< = analyte not detected at or above the specified laboratory detection limit

ug/l = micrograms per liter

mg/l = milligrams per liter



**TABLE 15**  
**SHORT TERM PUMP TEST ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

Location ID	Sample Date	Analytes of Concern (ug/l)								
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES*	MTBE	TBA	TAME	ETBE	DIPE
<b>MDE GNCS, Type I and II Aquifers</b>		5.0	1,000	700	10,000	20	NG	NG	NG	NG
MW-17 (initial)	10/19/09	<5	<5	<5	<5	<b>10,700</b>	7,970	283	<5	91.5
MW-17 (final)	10/19/09	<5	<5	<5	<5	<b>12,700</b>	13,500	250	<5	80.1
MW-13 (initial)	10/20/09	<2	<2	<2	<2	<b>1,600</b>	355	7.2	<2	14.5
MW-13 (final)	10/20/09	<2	<2	<2	<2	<b>1,410</b>	421	6.14	<2	11.3
MW-10 (initial)	10/21/09	<1	<1	<1	<1	<b>982</b>	46.8	19.8	<1	6.59
MW-10 (final)	10/21/09	<1	<1	<1	<1	<b>1,140</b>	56	24.7	<1	7.8
MW-16 (initial)	10/22/09	<1	<1	<1	<1	<b>21.3</b>	<5	<1	<1	<1
MW-16 (final)	10/22/09	<1	<1	<1	<1	<b>264</b>	<5	3.6	<1	1.73

NG = No Guideline

-- = Not Applicable / Not Available

J = Estimated Value

D = dilution (secondary value)

Concentrations in ug/l

ug/l = micrograms per liter

Values exceeding the specified MDE criteria are **bolded**.

< = analyte not detected at or above the specified laboratory detection limit

Volatile organic compound (VOC) analysis conducted in accordance with EPA Method 8260B; only BTEX and oxygenates are summarized

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, February 2003

\* = Represents the sum of o-Xylenes and m,p-Xylenes

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tert-amyl methyl ether

DIPE = Di-isopropyl Ether

ETBE = Ethyl tert-butyl ether

**TABLE 16**  
**PACKER TEST ANALYTICAL DATA SUMMARY**  
**MONROVIA BP/FORMER GREEN VALLEY CITGO**  
**11791 FINGERBOARD ROAD**  
**MONROVIA, MARYLAND**

<b>Location ID</b>	<b>Sample Date</b>	<b>Sampling Interval (feet bgs)</b>	<b>MTBE Concentration (ug/l)</b>
Zone 1	11/05/09	10.75-65	5,330
Zone 2	11/05/09	69-80	4,750
Zone 3	11/06/09	82-93	5,010
Zone 4	11/06/09	209-220	5,980

MTBE = Methyl-tertiary butyl-ether

J = Estimated Value

D = dilution (secondary value)

< = analyte not detected at or above the specified laboratory detection limit

Concentrations in ug/l

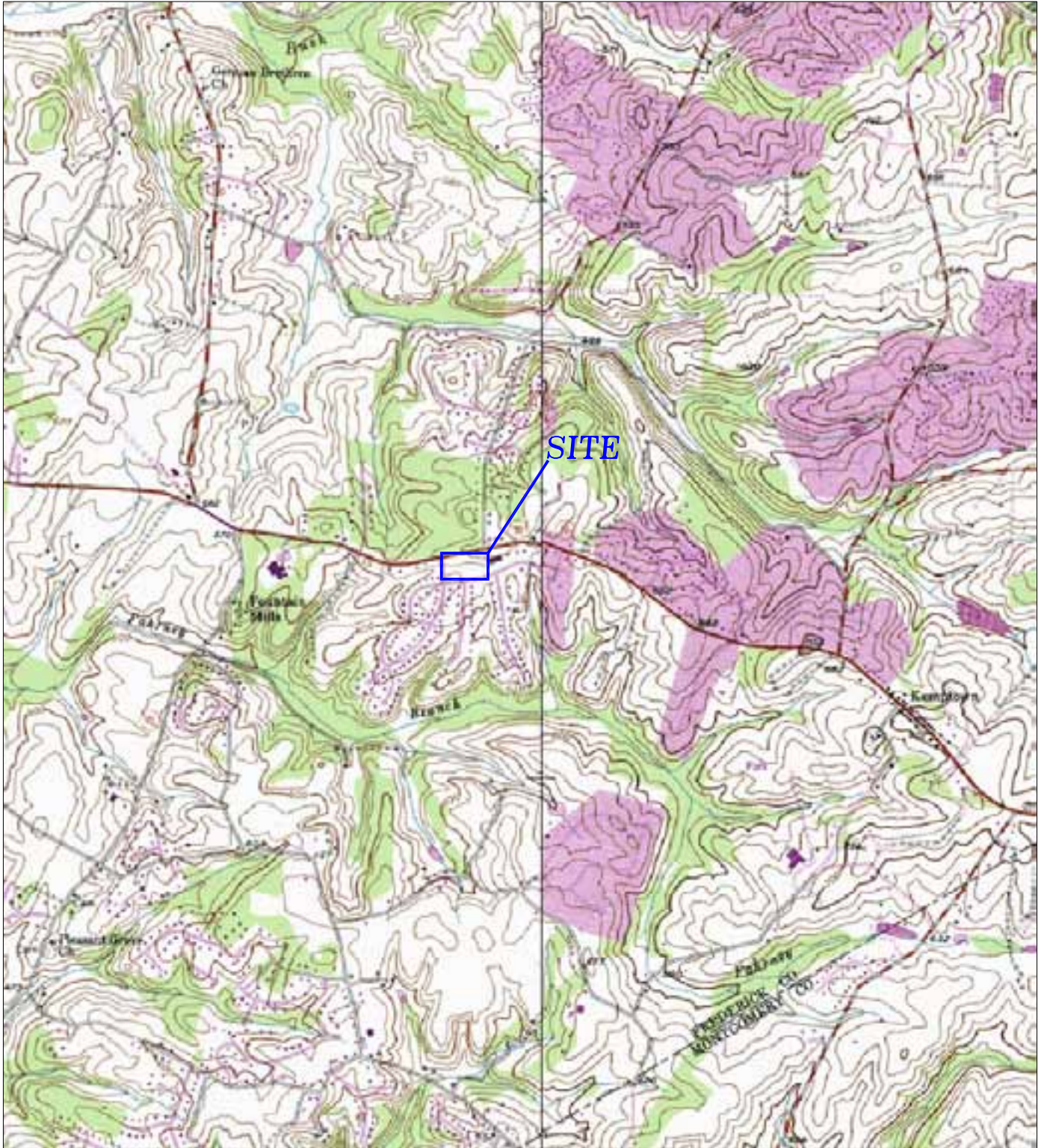
ug/l = micrograms per liter

MTBE analysis conducted in accordance with EPA Method 8260B


**TABLE 17  
SELECT POTABLE WELL CONSTRUCTION DETAILS  
MONROVIA BP/FORMER GREEN VALLEY CITGO  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Well ID	Address	Well Diameter (in)	Well Depth (ft)	Depth of Casing (ft)	Depth of Grout (ft)	Open Hole?	Pumping Rate (gal/min)
FR815955	11791 FINGERBOARD		300	32		YES	5
FR881366	11791 FINGERBOARD		400	41	21	YES	1
FR881394	11791 FINGERBOARD		400	47	46	YES	1
FR941233	11791 FINGERBOARD		400	40	36	YES	1
FR941281	11791 FINGERBOARD		400	40	37	YES	3
FR734918	11801 FINGERBOARD		360	42		YES	20
FR736634	11801 FINGERBOARD		200	63	40	YES	12
FR731687	11801 FINGERBOARD	6	100	43	43	YES	4
FR732473	3923 ROSEWOOD	10	250	23	21		5
FR732472	3997 FARM	10	140	23	21	YES	7
FR732625	3996 FARM	6	150	21	19	YES	5
FR732625	3994 FARM		160	21	19	YES	5
	3992 FARM						
FR735449	3990 FARM	6		80	78	YES	
FR720708	3734 BLUEBERRY	6	100	20	18		4
FR720717	3740 BLUEBERRY	10	240	20	18		3
FR730493	3739 BLUEBERRY	6	160	21	19	YES	10
FR732474	3993 FARM	6	150	23	21	YES	12
FR732475	3995 FARM	10	185	23	21	YES	2
FR732615	3979 FARM	6	150	23	21	YES	8
FR732623	3998 FARM	10	400	22	19		1
FR732663	3991 FARM	6	150	21	19	YES	15
FR732664	3989 FARM	6	150	21	19	YES	5
FR732882	3981 FARM	6	150	22	19	YES	2
FR732884	3983 FARM	6	150	55	50	YES	2
FR732894	3985 FARM	6	150	22	20		12
FR732897	3987 FARM	6	150	23	19	YES	6
FR738553	3984 FARM	6	160	26	24	YES	9
FR950162	3984A FARM	6	300	51	49	YES	4
FR720671	3834 GREENRIDGE	10	300	22	20		2
FR720709	3828 GREENRIDGE	6	100	23	21		1
FR730091	3829 GREENRIDGE	6	100	20	18	YES	15
FR730475	3818 GREENRIDGE	6	125				
FR730603	3825 GREENRIDGE	6	100	20	18	YES	20
FR730605	3815 GREENRIDGE	6	100	20	18	YES	5
FR731222	3823 GREENRIDGE	6	125	21	19	YES	20
FR731691	3821 GREENRIDGE	6	150	21	19	YES	2
FR738044	3840 GREENRIDGE			46	43	YES	2
FR733386	3927 ROSEWOOD	10	160	21	18		5
FR733389	3928 ROSEWOOD	6	150	21	19	YES	5
FR733387	3931 ROSEWOOD	10	160	20			8
FR733382	3932 ROSEWOOD	6	150	21	19	YES	15
FR733388	3933 ROSEWOOD	6	150	20	18	YES	20
FR733381	3934 ROSEWOOD	6	150	21	19	YES	15
FR733380	3936 ROSEWOOD	6	150	21	19	YES	5
FR733395	3939 ROSEWOOD	6	100	21	19	YES	2
FR734370	3978 RYE	6	150	21	19	YES	2
FR883557	3979 RYE	6	300	20	18	YES	1
FR734372	3981 RYE	6	150	21	19	YES	1
FR734368	3982 RYE	6	150	21	19	YES	30
FR734373	3983 RYE		220	21	20	YES	60
FR734367	3984 RYE	6	185	23	20	YES	5
FR734375	3987 RYE	6	120	21	19	YES	10
FR733391	3991 RYE	6	150	20	18	YES	20
FR811361	3991 RYE	6	100	68	61	YES	20
FR733390	3994 RYE	10	140	21	19		8
FR773384	3995 RYE	10	60	20	18		12
FR733495	3996 RYE	10	160	28	25		5
FR733385	3997 RYE	10	100	30	26		10
FR733496	3998 RYE	10	200	21	19		2

in = inches  
ft = feet  
gal/min = gallons per minute



1 inch = Approx. 2,513 feet

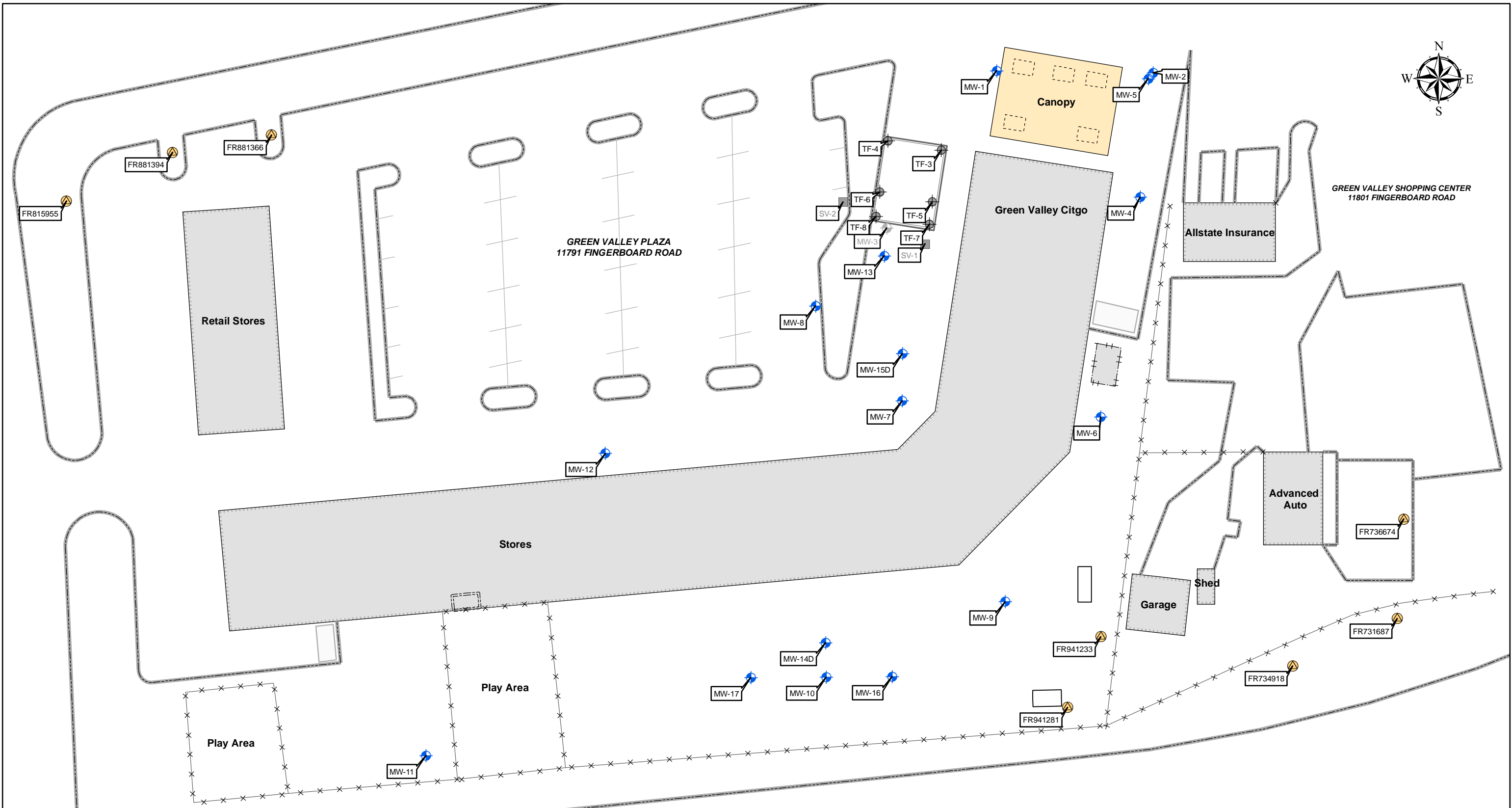
REVISION DATE: 08/18/08	 Environmental Alliance, Inc. 1035 Benfield Boulevard, Suite 1 Millersville, MD 21108
DESIGNED BY:	
DRAFTED BY: KMB	<b>FIGURE 1</b> <b>SITE LOCATION MAP</b> <b>GREEN VALLEY CITGO</b> <b>11791 FINGERBOARD ROAD</b> <b>MONROVIA, MARYLAND</b>
CHECKED BY:	



Source: USGS Urbana, Maryland Quadrangle



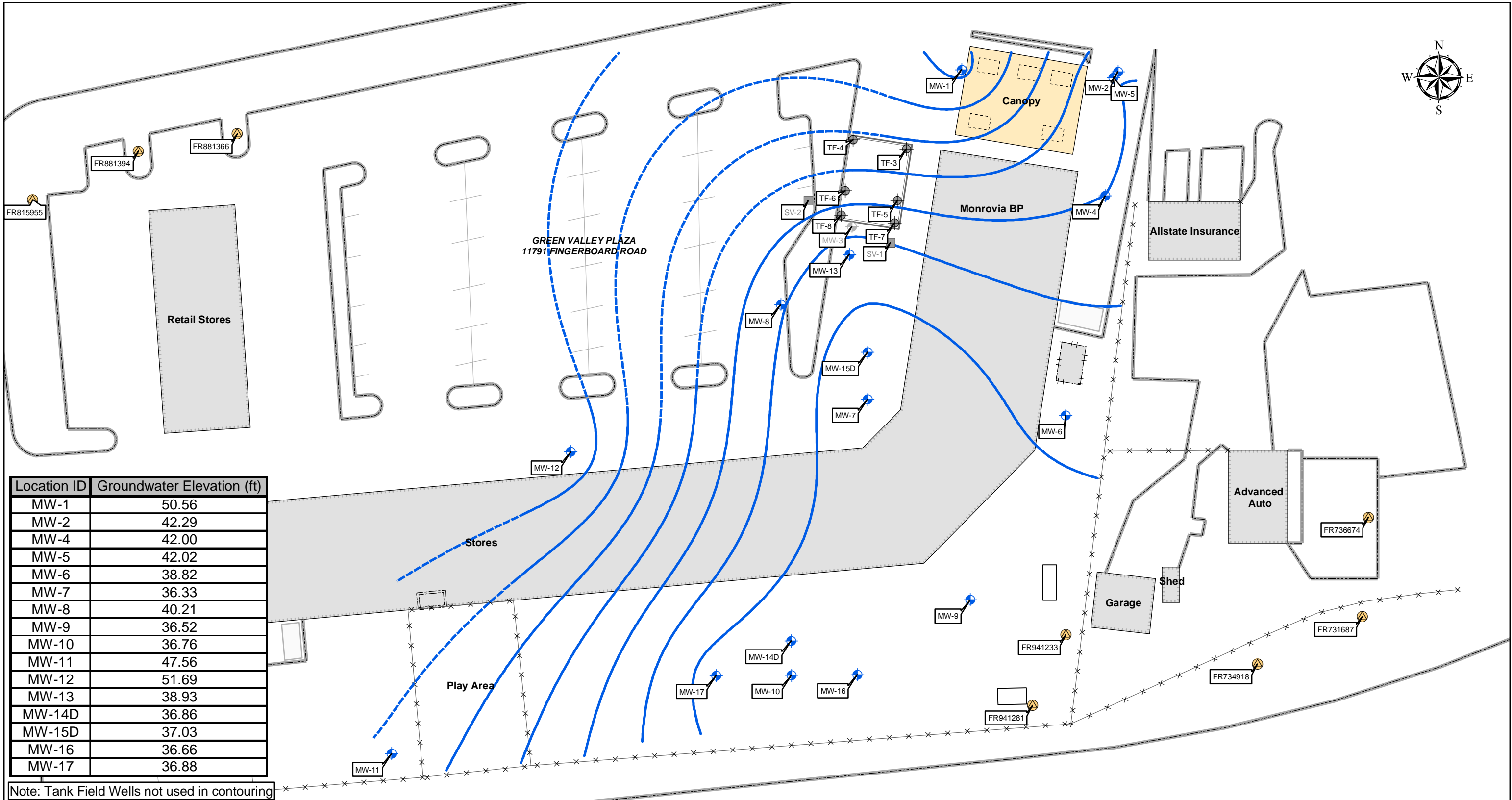
Tuesday, September 29, 2009 10:28:43 AM • G:\EAI Projects\PCG Projects\Carrroll Fuel\1953-Green Valley\1953-Maps\1953-BaseMap(9-09).mxd



GREEN VALLEY SHOPPING CENTER  
11801 FINGERBOARD ROAD

<p><b>Legend</b></p> <ul style="list-style-type: none"> <li> Abandoned Well</li> <li> Monitoring Well</li> <li> Potable Well</li> <li> Tank Field Well</li> <li> Abandoned Soil Vapor Point</li> <li> Curbing</li> <li> Building</li> <li> Canopy</li> <li> Dispenser</li> <li> Tank Field</li> <li> Propane AST</li> <li> Pump Room Door</li> <li> Transformer</li> <li> Dumpster</li> <li> Fence</li> <li> Parking</li> </ul>		<p>0 50 100 Feet</p> <p>Source: NAIP aerial photograph for Fredrick Co.</p>	<p><b>Environmental Alliance, Inc.</b> 1035 Benfield Blvd., Suite H, Millersville, MD 21108 Phone: (410) 729-9000 - Fax: (410) 729-9001</p>	<p align="center"><b>MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND</b></p> <p align="center"><b>Monitoring Well Location Map</b></p> <table border="1"> <tr> <td>DESIGNED BY: AGG</td> <td>DRAWN BY: AGG</td> <td>UPDATED BY: SKJ</td> <td rowspan="2">FIGURE NO.: <b>2</b></td> </tr> <tr> <td>APPROVED BY:</td> <td>PROJECT NO.: 1953</td> <td>DATE: 09/29/2009</td> </tr> </table>	DESIGNED BY: AGG	DRAWN BY: AGG	UPDATED BY: SKJ	FIGURE NO.: <b>2</b>	APPROVED BY:	PROJECT NO.: 1953	DATE: 09/29/2009
DESIGNED BY: AGG	DRAWN BY: AGG	UPDATED BY: SKJ	FIGURE NO.: <b>2</b>								
APPROVED BY:	PROJECT NO.: 1953	DATE: 09/29/2009									

Friday, October 30, 2009 9:27:42 AM • G:\EAI Projects\PCG Projects\Carroll Fuel\1953-Green Valley\1953-Maps\2009-10\1953-GW\_Grad(2009-10).mxd

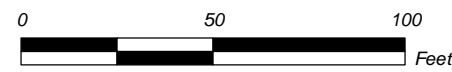


Location ID	Groundwater Elevation (ft)
MW-1	50.56
MW-2	42.29
MW-4	42.00
MW-5	42.02
MW-6	38.82
MW-7	36.33
MW-8	40.21
MW-9	36.52
MW-10	36.76
MW-11	47.56
MW-12	51.69
MW-13	38.93
MW-14D	36.86
MW-15D	37.03
MW-16	36.66
MW-17	36.88

Note: Tank Field Wells not used in contouring

Legend

- Monitoring Well
- Abandoned Well
- Potable Well
- Tank Field Well
- Abandoned Soil Vapor Point
- Groundwater Contour (ft)
- Inferred Groundwater Contour (ft)
- Curbing
- Fence
- Parking
- Building
- Canopy
- Dispenser
- Tank Field
- Propane AST
- Pump Room Door
- Transformer
- Dumpster



Source: Fredrick County NAIP aerial photograph, 2005

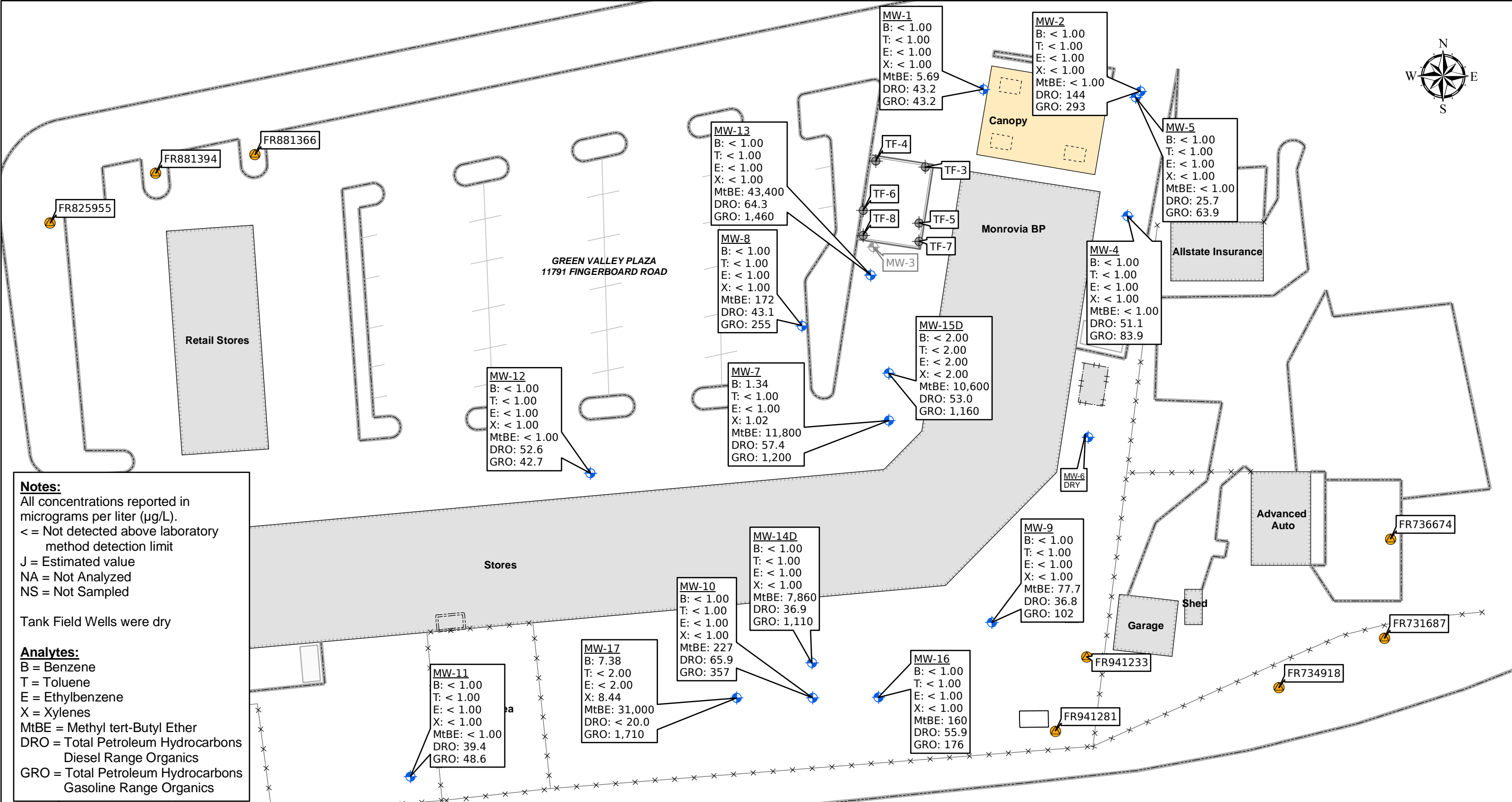
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**MONROVIA BP  
 (FORMER GREEN VALLEY CITGO)  
 11791 FINGERBOARD ROAD  
 MONROVIA, MARYLAND  
 GROUNDWATER GRADIENT MAP  
 OCTOBER 2009**

DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY: ---	FIGURE NO.:
APPROVED BY:	PROJECT NO.: 1953A	DATE: 10/30/2009	<b>3</b>



Thursday, October 29, 2009 4:13:13 PM • G:\EAI Projects\PCG Projects\Carroll Fuel\1953-Green Valley\1953-Maps\2009-10\1953-GW\_Ana(2009-10).mxd



**Notes:**  
 All concentrations reported in micrograms per liter (µg/L).  
 < = Not detected above laboratory method detection limit  
 J = Estimated value  
 NA = Not Analyzed  
 NS = Not Sampled  
 Tank Field Wells were dry

**Analytes:**  
 B = Benzene  
 T = Toluene  
 E = Ethylbenzene  
 X = Xylenes  
 MtBE = Methyl tert-Butyl Ether  
 DRO = Total Petroleum Hydrocarbons Diesel Range Organics  
 GRO = Total Petroleum Hydrocarbons Gasoline Range Organics

Legend			
	Potable Well		Curbing
	Monitoring Well		Canopy
	Abandoned Well		Pump Room Door
	Tank Field Well		Dispenser
	Tank Field Well		Transformer
	Tank Field Well		Dumpster
	Tank Field Well		Tank Field
	Tank Field Well		Propane AST
	Tank Field Well		Building
	Tank Field Well		Propane AST

0 50 100 Feet

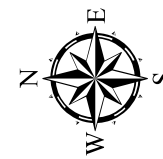
Source: Google Earth

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**MONROVIA BP**  
 (FORMER GREEN VALLEY CITGO)  
 11791 FINGERBOARD ROAD  
 MONROVIA, MARYLAND  
 Groundwater Analytical Map  
 October 2009

DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY: ---	FIGURE NO.:
APPROVED BY:	PROJECT NO.: 1953	DATE: 10/29/2009	<b>4</b>

Friday, February 12, 2010 11:01:50 AM • G:\EAI\Projects\PCG\Projects\Carroll\Fuel\1953-Green Valley\1953-Maps\2010-01\1953-MBE\_POET\_Sys1(2010-01).mxd



3923 Rosewood Road FR732473	
Depth	
Well: 250	Casing: 23
Date:	MtBE:
01/23/08	2,200
02/13/08	1,300
03/12/08	1,200
04/17/08	54
05/05/08	6.5
06/18/08	7.3
07/16/08	320
08/20/08	610
09/17/08	1,000
10/15/08	810
11/19/08	2,200
12/10/08	2,300
12/29/08	613
01/14/08	642
01/30/08	631
02/11/09	503
03/18/09	1,480
04/08/09	2,600
07/15/09	48
10/07/09	1,160
01/13/10	6.52

3997 Farm Lane FR732472	
Depth	
Well: 140	Casing: 23
Date:	MtBE:
03/12/08	130
04/16/08	110
05/21/08	130
06/18/08	56
07/16/08	460
08/20/08	690
09/17/08	1,100
10/15/08	1,100
11/19/08	2,100
12/10/08	2,800
12/29/08	500
01/14/09	493
01/30/09	426
02/11/09	1,110
03/18/09	2,060
04/08/09	3,680
07/15/09	136
10/07/09	608
01/13/10	21.5

Notes:  
 NS = Not Sampled  
 J = Estimated Value  
 MTBE = Methyl-tertiary butyl-ether  
 Concentration in ug/l = micrograms per liter  
 <= analyte not detected at or above the specified laboratory detection limit  
 POET systems for 3994 and 3996 Farm Lane installed on April 30, 2007.  
 POET system for 3990 Farm Lane installed on May 7, 2007.  
 POET system for 3923 Rosewood Road installed on May 11, 2007.  
 POET system for 3992 Farm Lane installed on May 23, 2007.  
 POET system for 3997 Farm Lane installed on July 9, 2007.  
 Samples analyzed for VOCs by EPA Method 524.2, only BTEX and oxygenates are summarized

3990 Farm Lane FR735449	
Depth	
Casing: 80	
Date:	MtBE:
01/23/08	1,400
02/13/08	1,400
03/12/08	1,400
04/16/08	920
05/21/08	920
06/26/08	1,100
07/16/08	1,100
08/20/08	1,100
09/25/08	1,300
10/15/08	1,200
11/19/08	1,900
12/11/08	1,400
01/14/09	1,520
02/11/09	2,090
03/18/09	1,580
04/08/09	2,810
07/15/09	1,380
10/07/09	1,420
01/13/10	1,260

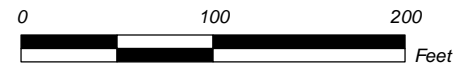
Green Valley Plaza	
Date:	MtBE:
09/04/08	10
09/08/08	50
09/17/08	3.8
10/16/08	6.8
12/29/08	< 0.5
01/30/09	2.46
03/18/09	14
04/10/09	7.72
05/19/09	1.41
06/05/09	2.00
07/16/09	3.87
08/12/09	3.33
09/04/09	3.17
10/30/09	<0.5
01/25/10	0.86

3996 Farm Lane FR732625	
Depth	
Well: 150	Casing: 21
Date:	MtBE:
01/23/08	NS
02/13/08	220
03/25/08	160
04/16/08	150
05/21/08	180
06/18/08	310
07/23/08	350
08/20/08	380
09/17/08	290
10/15/08	370
11/19/08	360
12/29/08	276
01/14/09	289
01/30/09	379
02/11/09	208
03/18/09	222
04/08/09	182
07/15/09	242
10/08/09	23.7
01/14/10	38.3

3994 Farm Lane FR732625	
Depth	
Well: 160	Casing: 21
Date:	MtBE:
12/19/07	850
01/23/08	750
02/13/08	670
03/12/08	610
04/16/08	360
05/21/08	240
06/26/08	790
08/20/08	1,100
09/17/08	920
10/15/08	1,300
11/19/08	1,600
12/11/08	1,300
01/14/09	1,030
02/11/09	1,360
03/18/09	1,100
04/15/09	1,780
07/15/09	861
10/07/09	988
01/13/10	578

3992 Farm Lane	
Date:	MtBE:
01/16/08	1,300
02/13/08	1,100
03/12/08	1,200
04/16/08	780
05/05/08	850
06/18/08	500
07/16/08	760
08/20/08	990
09/17/08	1,000
10/15/08	1,300
11/05/08	<1.0
12/10/08	1,400
01/14/09	1,750
02/11/09	1710
03/18/09	1,460
04/15/09	2,290
07/15/09	1,020
10/07/09	1,110
01/13/10	381

- Legend**
- Building
  - Canopy
  - Pump Room Door
  - Approximate Potable Well Location



Source: Maryland Department of Planning

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**MONROVIA BP  
 (FORMER GREEN VALLEY CITGO)  
 11791 FINGERBOARD ROAD  
 MONROVIA, MARYLAND**

**POET System MtBE  
 Influent Concentrations Map (2008-2010)**

DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY: --	FIGURE NO.: <b>5</b>
APPROVED BY:	PROJECT NO.: 1953	DATE: 02/12/2010	




Friday, February 12, 2010 11:14:02 AM • G:\EAI Projects\PCG Projects\Carroll Fuel\1953-Green Valley\1953-MTBE-Potable(2010-01).mxd



Sampling Address:	MtBE Concentration:
FR881366	<0.5
FR881394	<0.5
FR815955	<0.5
FR941281	1.23
FR941233	0.66
FR734918	Not Sampled
FR731687	Not Sampled
FR736674	Not Sampled
3979 Farm Lane	<0.5
3981 Farm Lane	<0.5
3983 Farm Lane	<0.5
3984 Farm Lane	<0.5
3984A Farm Lane	<0.5
3985 Farm Lane	<0.5
3987 Farm Lane	<0.5
3989 Farm Lane	<0.5
3990 Farm Lane	1,260
3991 Farm Lane	<0.5
3992 Farm Lane	381
3993 Farm Lane	<0.5
3994 Farm Lane	578
3995 Farm Lane	<0.5
3996 Farm Lane	38.3
3997 Farm Lane	21.5
3998 Farm Lane	<0.5
3829 Greenridge Road	Not Sampled
3833 Greenridge Road	<0.5
3835 Greenridge Road	<0.5
3837 Greenridge Road	<0.5
3737 Blueberry Court	<0.5
3739 Blueberry Court	<0.5
3740 Blueberry Court	<0.5
3923 Rosewood Road	6.52
3992 Rye Lane	<0.5
3994 Rye Lane	<0.5
3996 Rye Lane	<0.5
3998 Rye Lane	<0.5

**Notes:**  
 J = Estimated Value  
 NS = Not Sampled  
 MtBE = Methyl-tertiary butyl-ether  
 Concentration in µg/l = micrograms per liter  
 < = analyte not detected at or above the specified laboratory detection limit  
 Samples analyzed for VOCs by EPA Method 542.2

**Legend**

-  Potable Well (MtBE concentration below standards)
-  Potable Well (MtBE concentration above standards)
-  Buildings



Source:  
 Maryland Department of Planning, USGS, USDA

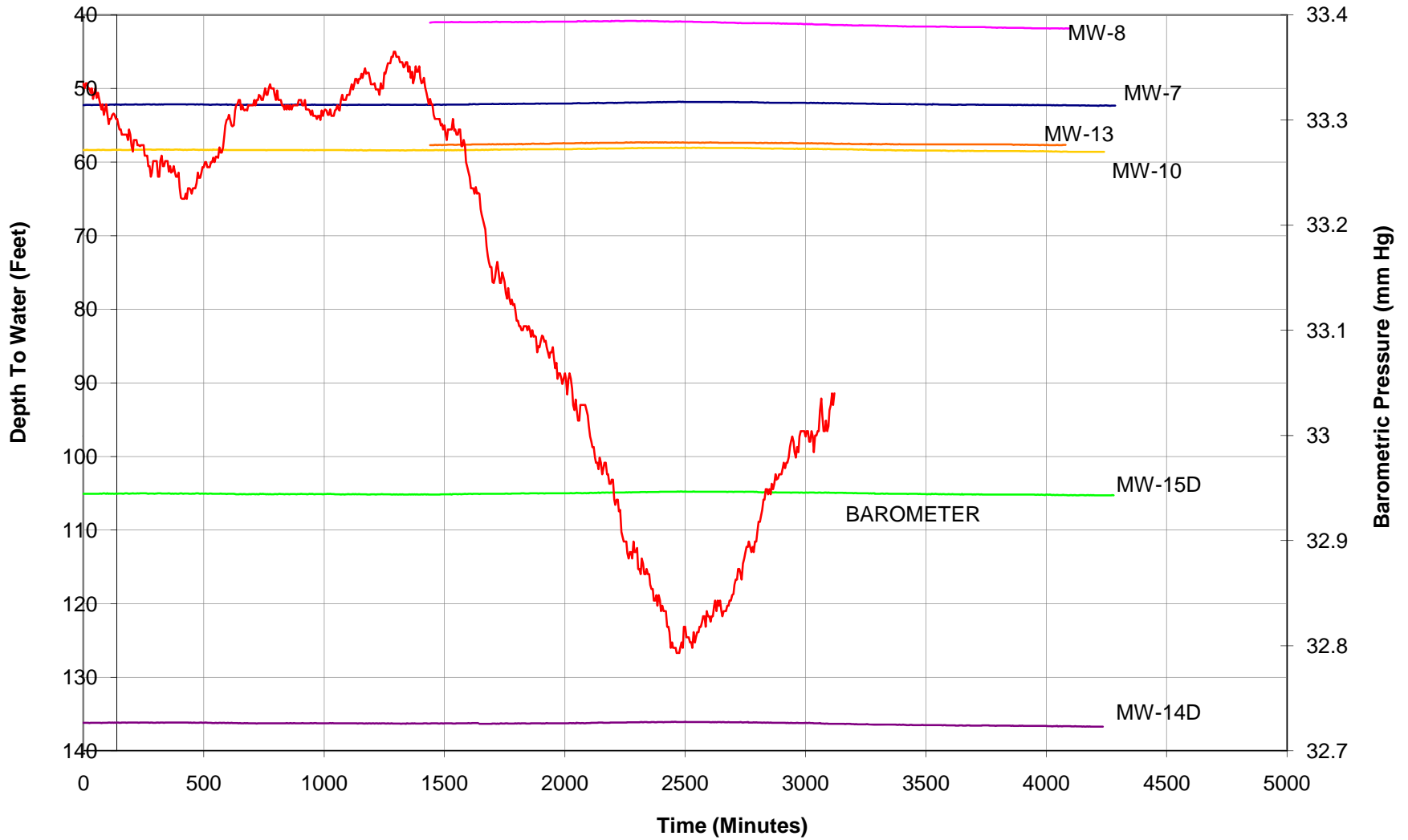


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**MONROVIA BP  
 (FORMER GREEN VALLEY CITGO)  
 11791 FINGERBOARD ROAD  
 MONROVIA, MARYLAND  
 Potable Well MtBE  
 Concentration Map January, 2010**

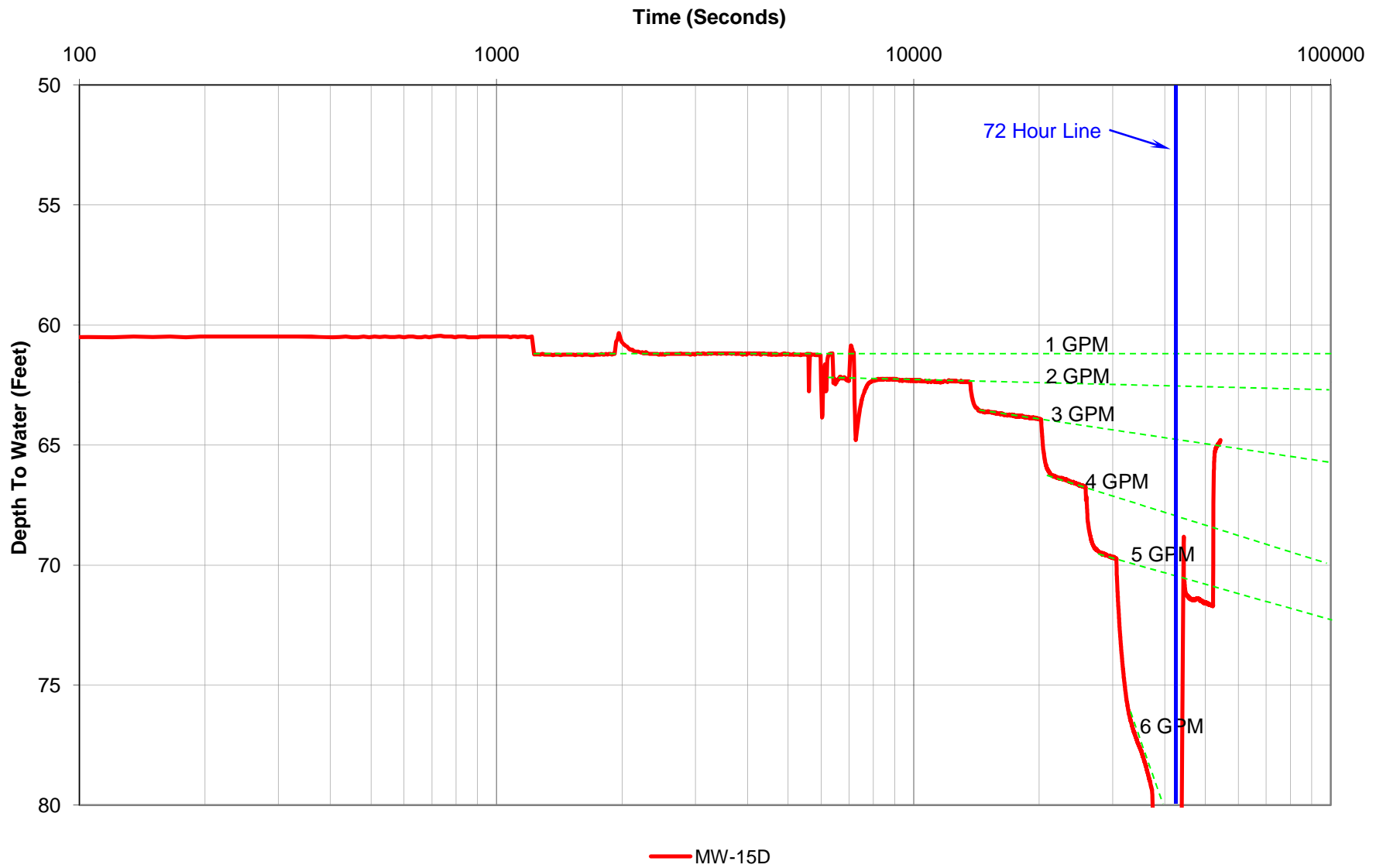
DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY: ---	FIGURE NO.:
APPROVED BY:	PROJECT NO.: 1953	DATE: 02/12/2010	<b>6</b>

**Figure 7**  
**Pre-Test Background Water Levels**  
**Monrovia BP (Former Green Valley Citgo)**  
**11791 Fingerboard Road**  
**Monrovia, Maryland**

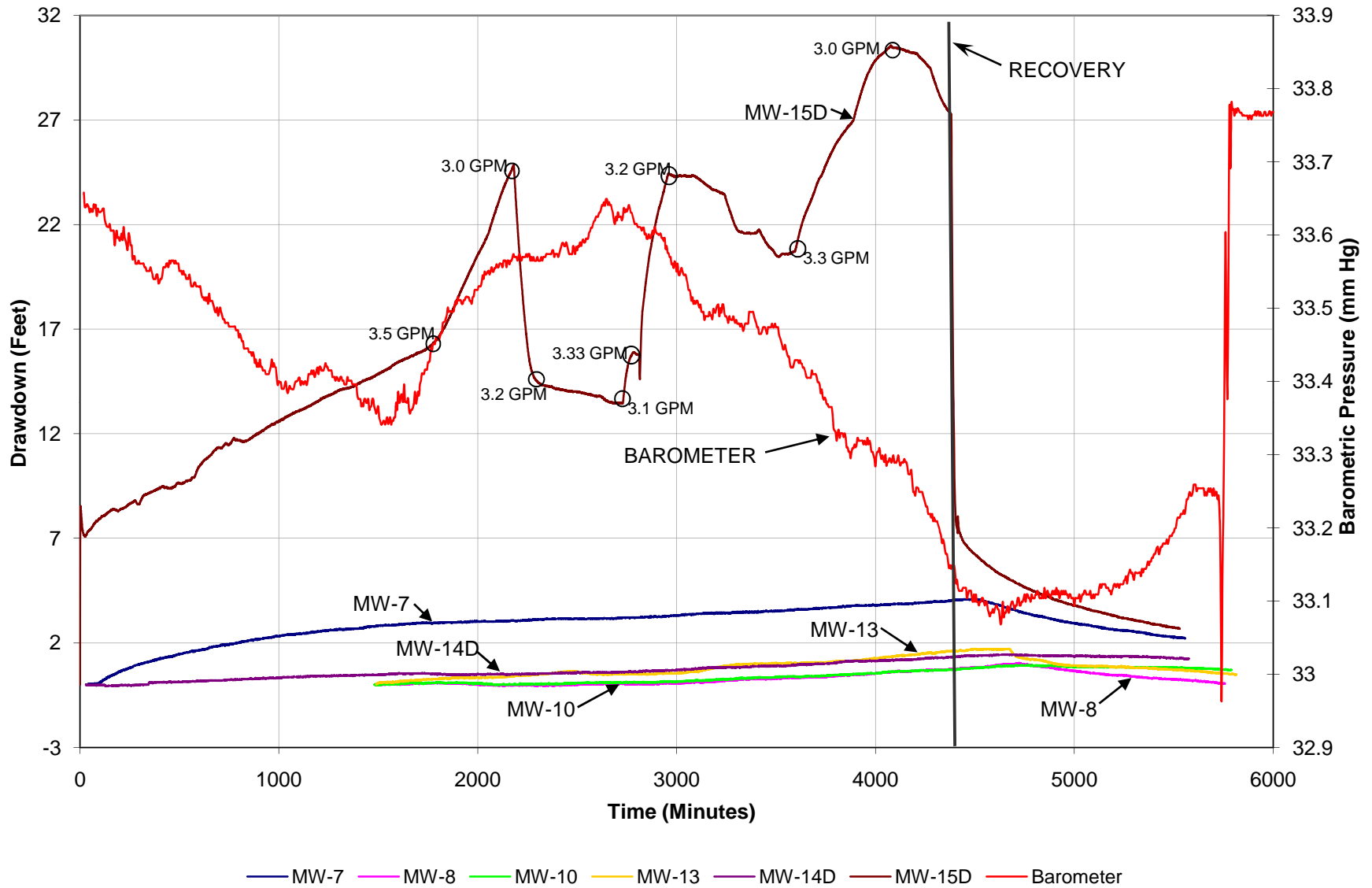


— MW-7   
 — MW-8   
 — MW-10   
 — MW-13   
 — MW-14D   
 — MW-15   
 — Barometer

**Figure 8**  
**Monitoring Well MW-15D - Step Test 10/08/09**  
**Monrovia BP (Former Green Valley Citgo)**  
**11791 Fingerboard Road**  
**Monrovia, Maryland**

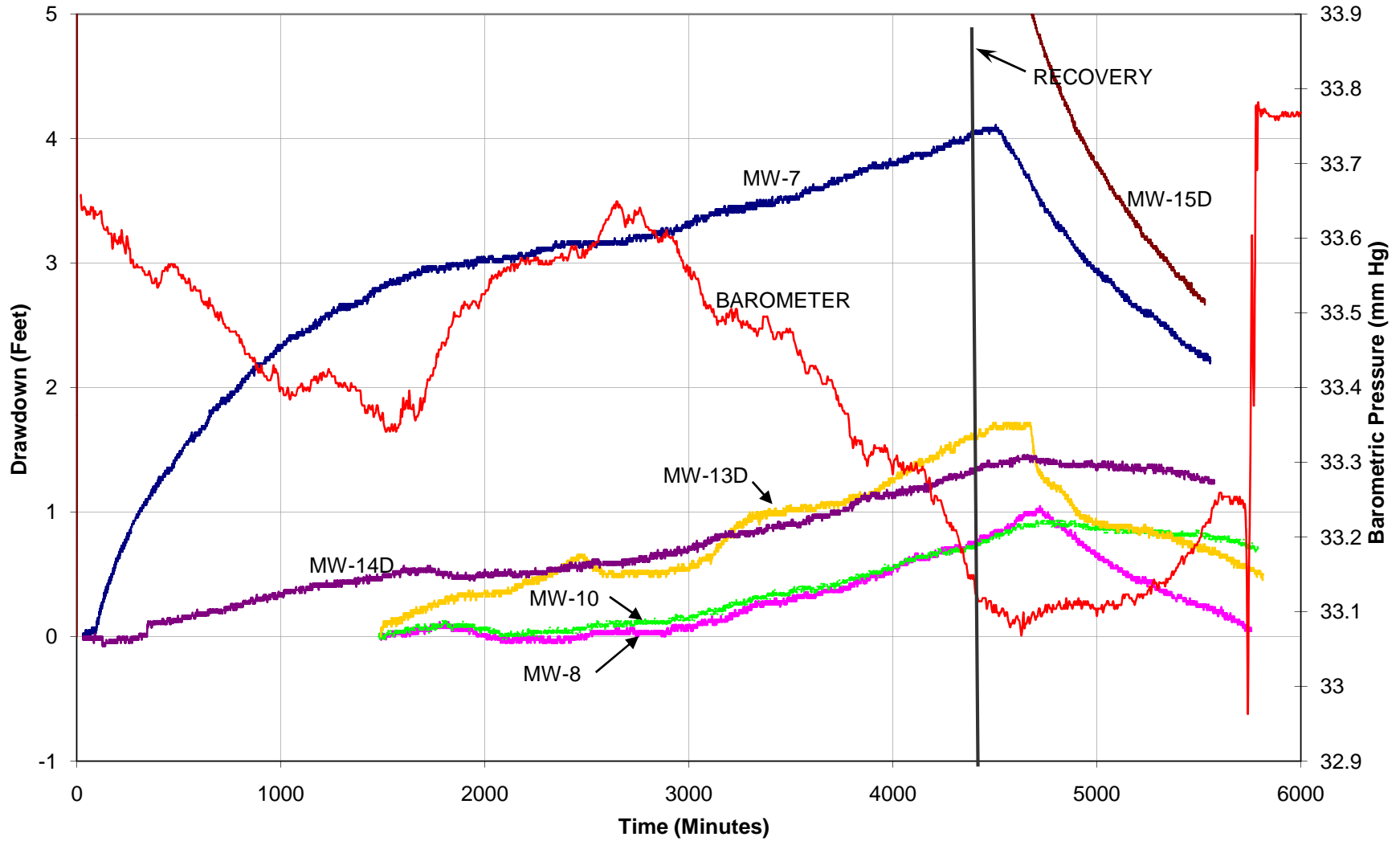


**Figure 9**  
**Composite Drawdown and Recovery (Full Scale)**  
**Monrovia BP (Former Green Valley Citgo)**  
**11791 Fingerboard Road**  
**Monrovia, Maryland**





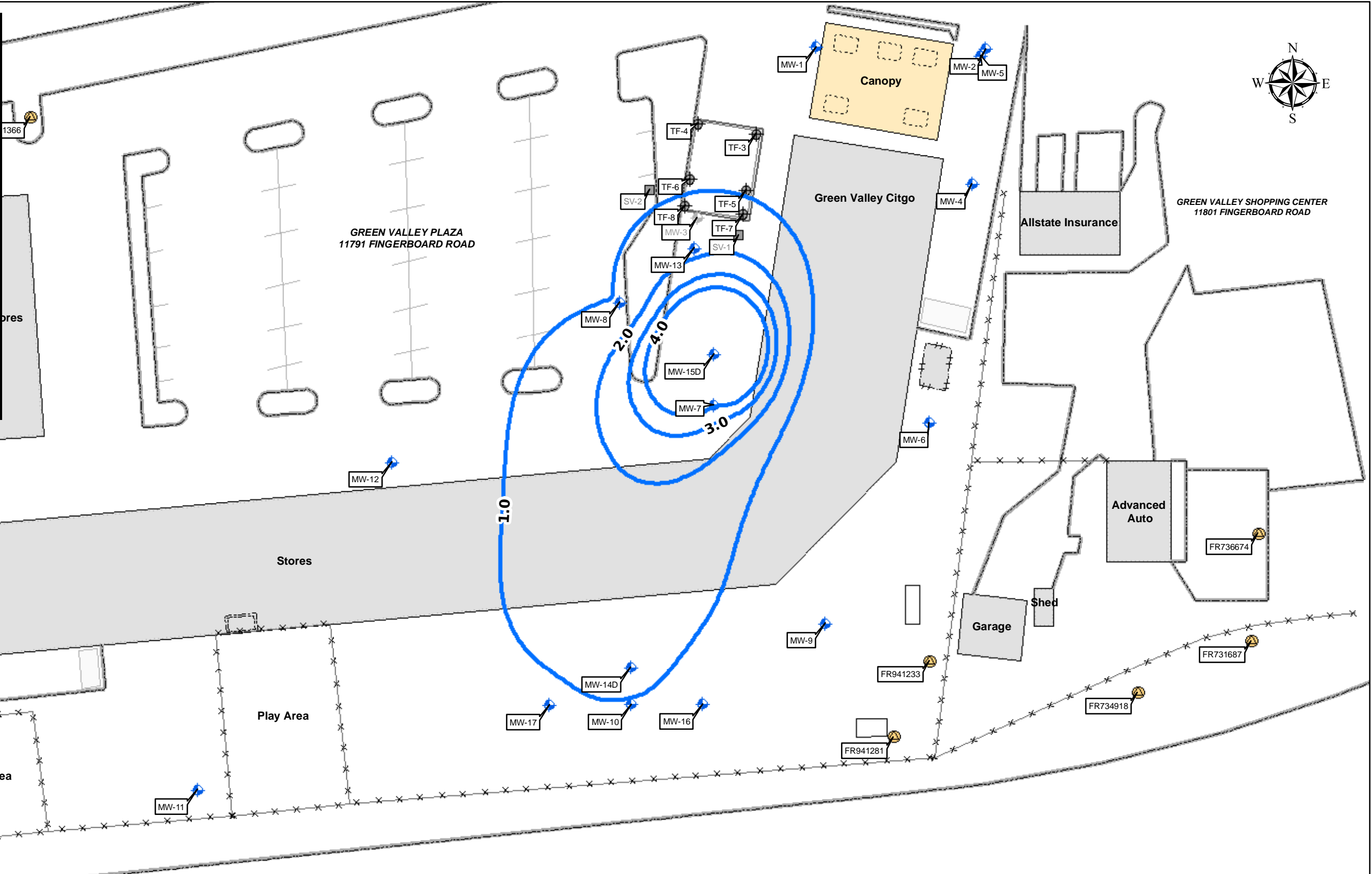
**Figure 10**  
**Composite Drawdown and Recovery (Full Scale)**  
**Monrovia BP (Former Green Valley Citgo)**  
**11791 Fingerboard Road**  
**Monrovia, Maryland**



— MW-7      — MW-8      - - - MW-10      — MW-13

Monday, November 23, 2009 3:53:55 PM • G:\EAI Projects\PCG Projects\Carroll Fuel\1953-Green Valley\1953-Maps\2009-10\1953-Max\_Drawdown(10-09).mxd

Location ID	Drawdown (ft)
MW-1	0.36
MW-2	0.75
MW-4	0
MW-5	0.72
MW-6	0.01
MW-7	4
MW-8	1.05
MW-9	0.54
MW-10	0.93
MW-11	0.93
MW-12	0.5
MW-13	1.69
MW-14D	1.4
MW-15D	30
MW-16	0.6
MW-17	0.85



GREEN VALLEY SHOPPING CENTER  
11801 FINGERBOARD ROAD

**Legend**

- Drawdown (Feet)
- Potable Well
- Curbing
- Building
- Propane AST
- Abandoned Well
- Tank Field Well
- Fence
- Canopy
- Pump Room Door
- Monitoring Well
- Abandoned Soil Vapor Point
- Parking
- Dispenser
- Transformer
- Tank Field
- Dumpster



Source:  
NAIP aerial photograph for Frederick Co.

**Environmental Alliance, Inc.**  
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Phone: (410) 729-9000 - Fax: (410) 729-9001

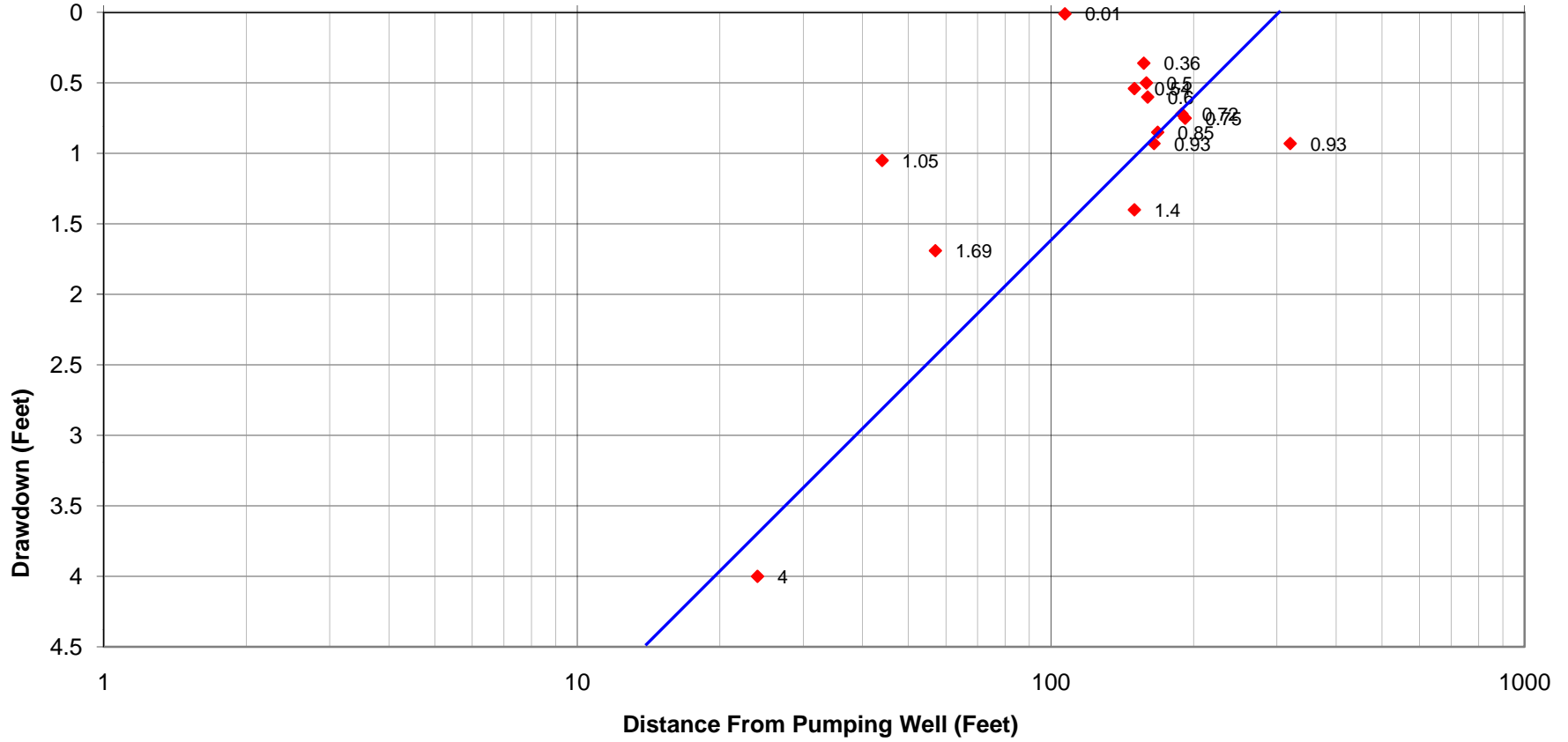
**MONROVIA BP  
(FORMER GREEN VALLEY CITGO)  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

**MW-15D Pumping Test Maximum Drawdown -  
October 2009**

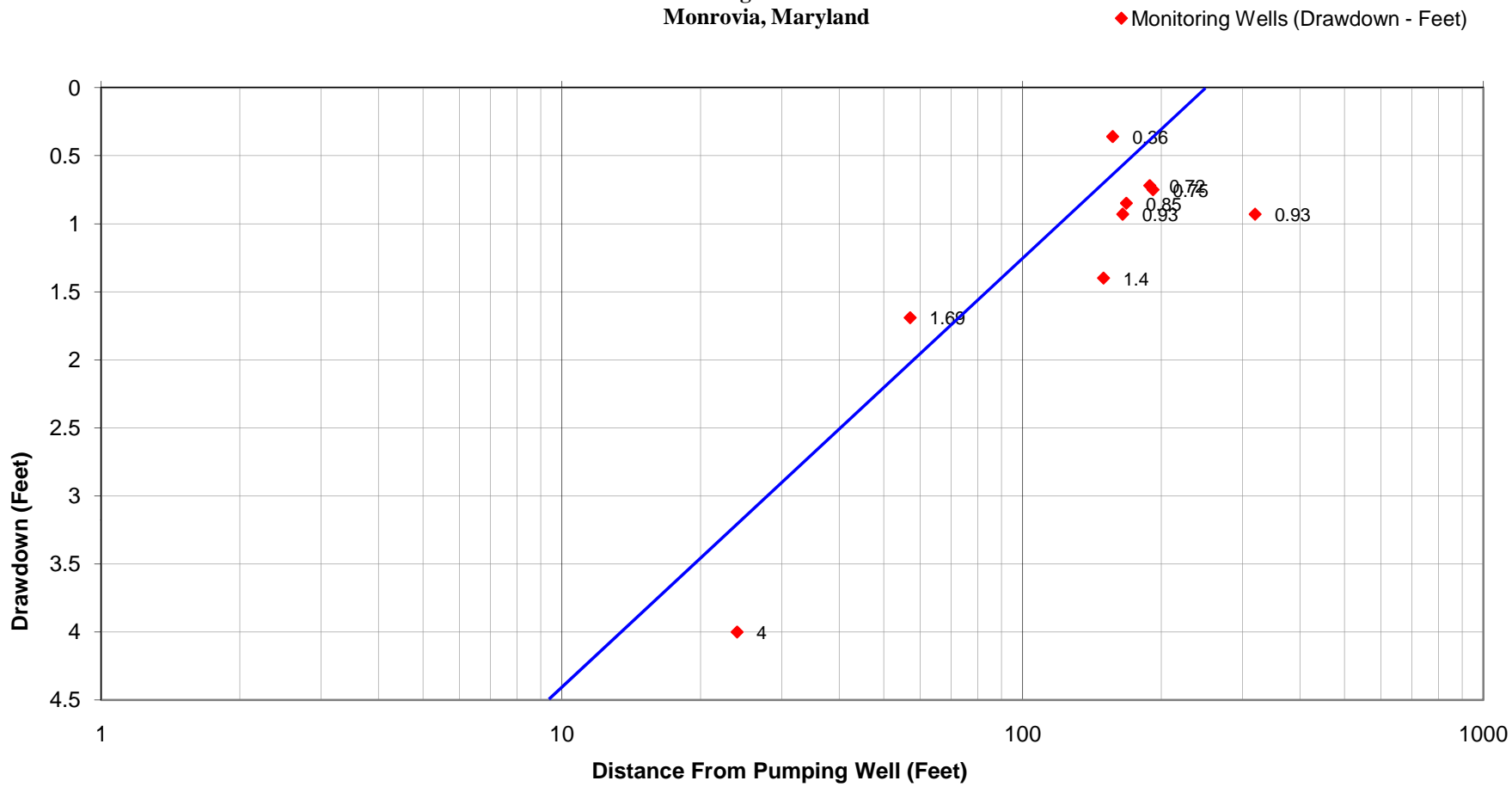
DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY: ---	FIGURE NO.:
APPROVED BY:	PROJECT NO.: 1953	DATE: 11/23/2009	<b>11</b>

Figure 12  
Distance Drawdown (All Monitoring Wells Plotted)  
Monrovia BP (Former Green Valley Citgo)  
11791 Fingerboard Road  
Monrovia, Maryland

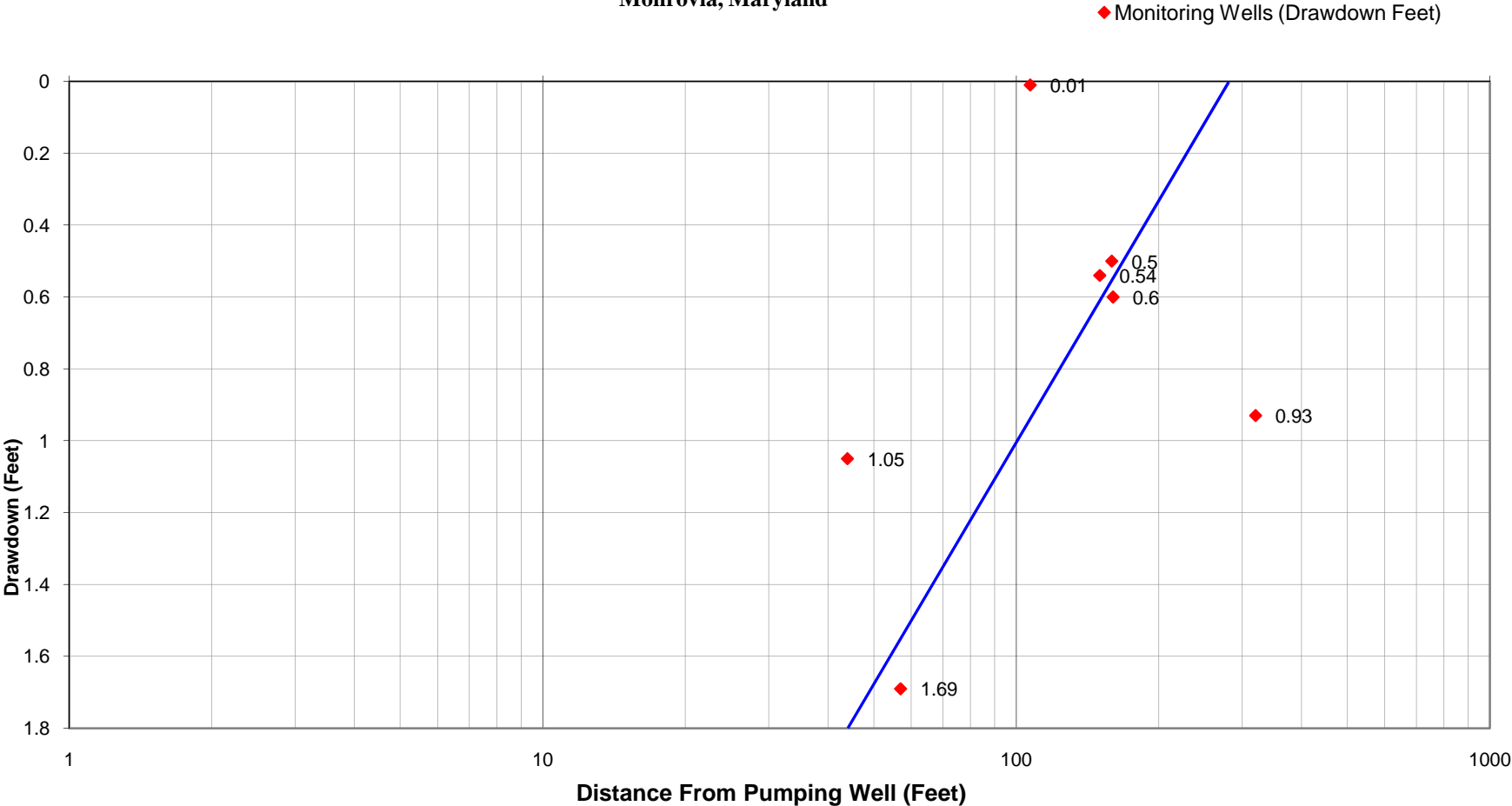
◆ Monitoring Wells (Drawdown - Feet)



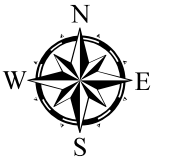
**Figure 13**  
**Distance Drawdown (Wells Along Preferential Flow Axis Plotted)**  
**Monrovia BP (Former Green Valley Citgo)**  
**11791 Fingerboard Road**  
**Monrovia, Maryland**



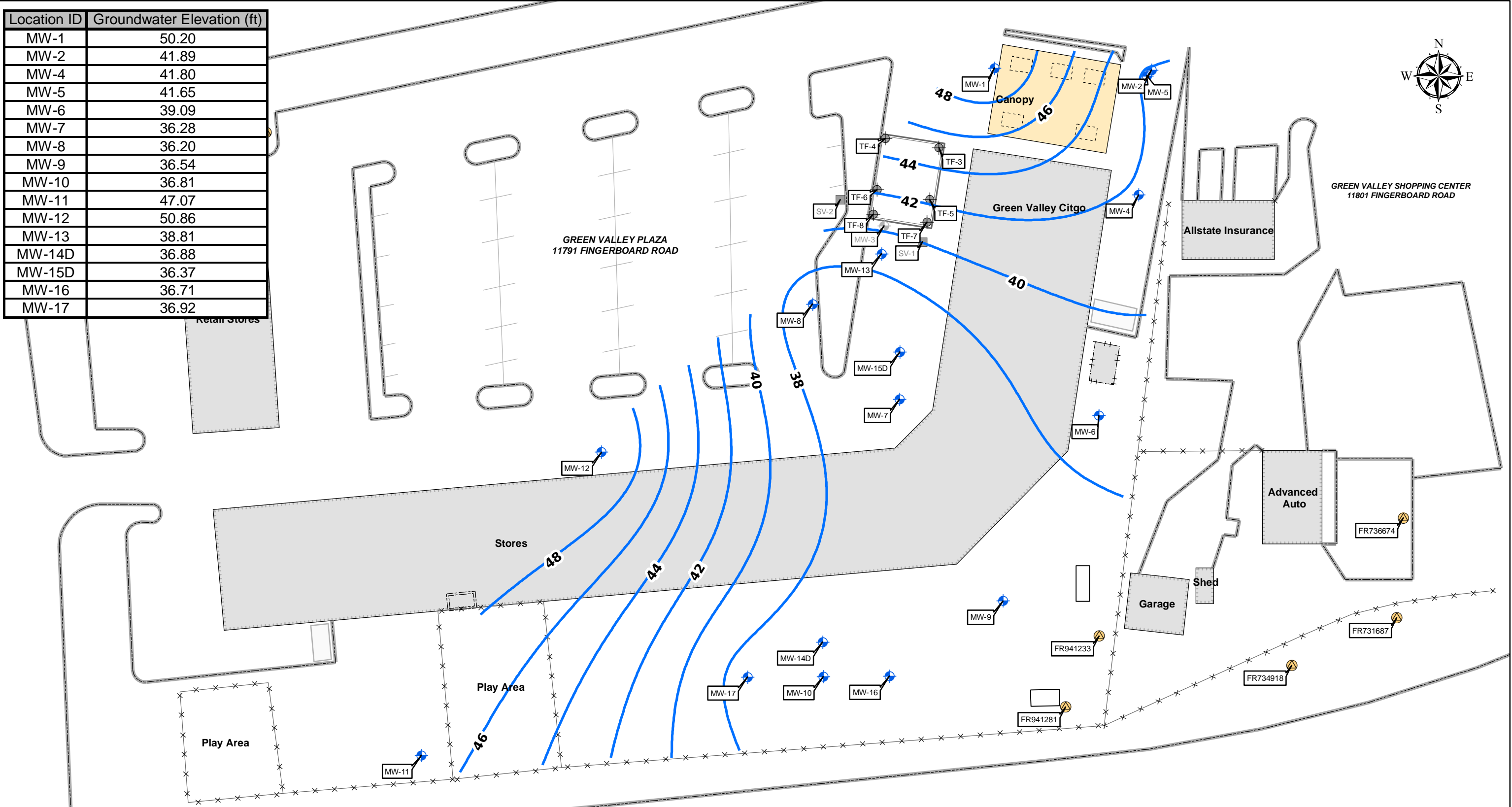
**Figure 14**  
**Distance Drawdown (Wells Perpendicular To Preferential Flow Axis Plotted)**  
**Monrovia BP (Former Green Valley Citgo)**  
**11791 Fingerboard Road**  
**Monrovia, Maryland**



Location ID	Groundwater Elevation (ft)
MW-1	50.20
MW-2	41.89
MW-4	41.80
MW-5	41.65
MW-6	39.09
MW-7	36.28
MW-8	36.20
MW-9	36.54
MW-10	36.81
MW-11	47.07
MW-12	50.86
MW-13	38.81
MW-14D	36.88
MW-15D	36.37
MW-16	36.71
MW-17	36.92

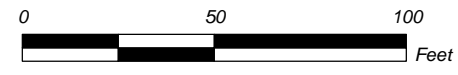


GREEN VALLEY SHOPPING CENTER  
11801 FINGERBOARD ROAD



**Legend**

- Groundwater Contour (ft)
- Abandoned Well
- Monitoring Well
- Potable Well
- Tank Field Well
- Abandoned Soil Vapor Point
- Curbing
- Fence
- Parking
- Building
- Canopy
- Dispenser
- Tank Field
- Propane AST
- Pump Room Door
- Transformer
- Dumpster



Source:  
NAIP aerial photograph for Frederick Co.

**Environmental Alliance, Inc.**  
1035 Benfield Blvd., Suite H, Millersville, MD 21108  
Phone: (410) 729-9000 - Fax: (410) 729-9001

**MONROVIA BP  
(FORMER GREEN VALLEY CITGO)  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

**Static Groundwater Elevation  
October 5, 2009**

DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY: ---	FIGURE NO.:
APPROVED BY:	PROJECT NO.: 1953	DATE: 11/19/2009	<b>15</b>

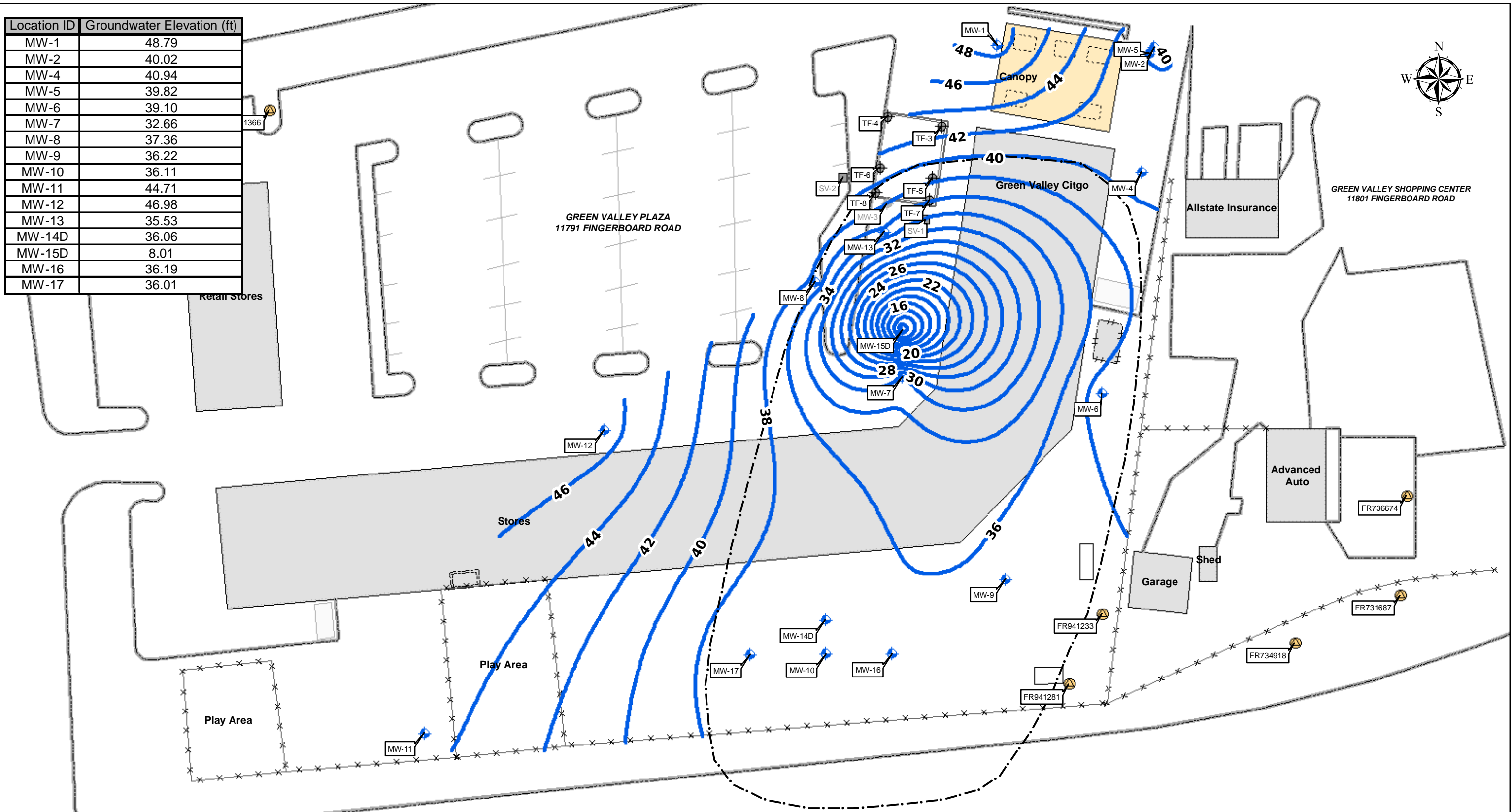
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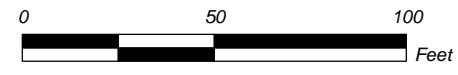
Location ID	Groundwater Elevation (ft)
MW-1	48.79
MW-2	40.02
MW-4	40.94
MW-5	39.82
MW-6	39.10
MW-7	32.66
MW-8	37.36
MW-9	36.22
MW-10	36.11
MW-11	44.71
MW-12	46.98
MW-13	35.53
MW-14D	36.06
MW-15D	8.01
MW-16	36.19
MW-17	36.01



Thursday, December 10, 2009 9:49:14 AM - G:\EAI Projects\PCG Projects\Carroll Fuel\1953-Maps\2009-10\1953-Zone of Influence(10-15-09).mxd



- Legend**
- Zone of Influence
  - Groundwater Contour (ft)
  - ⊕ Abandoned Well
  - ⊕ Monitoring Well
  - ⊕ Potable Well
  - ⊕ Tank Field Well
  - ⊕ Abandoned Soil Vapor Point
  - Curbing
  - Fence
  - Parking
  - Building
  - Canopy
  - Dispenser
  - Tank Field
  - Propane AST
  - Pump Room Door
  - Transformer
  - Dumpster



Source:  
NAIP aerial photograph for Frederick Co.

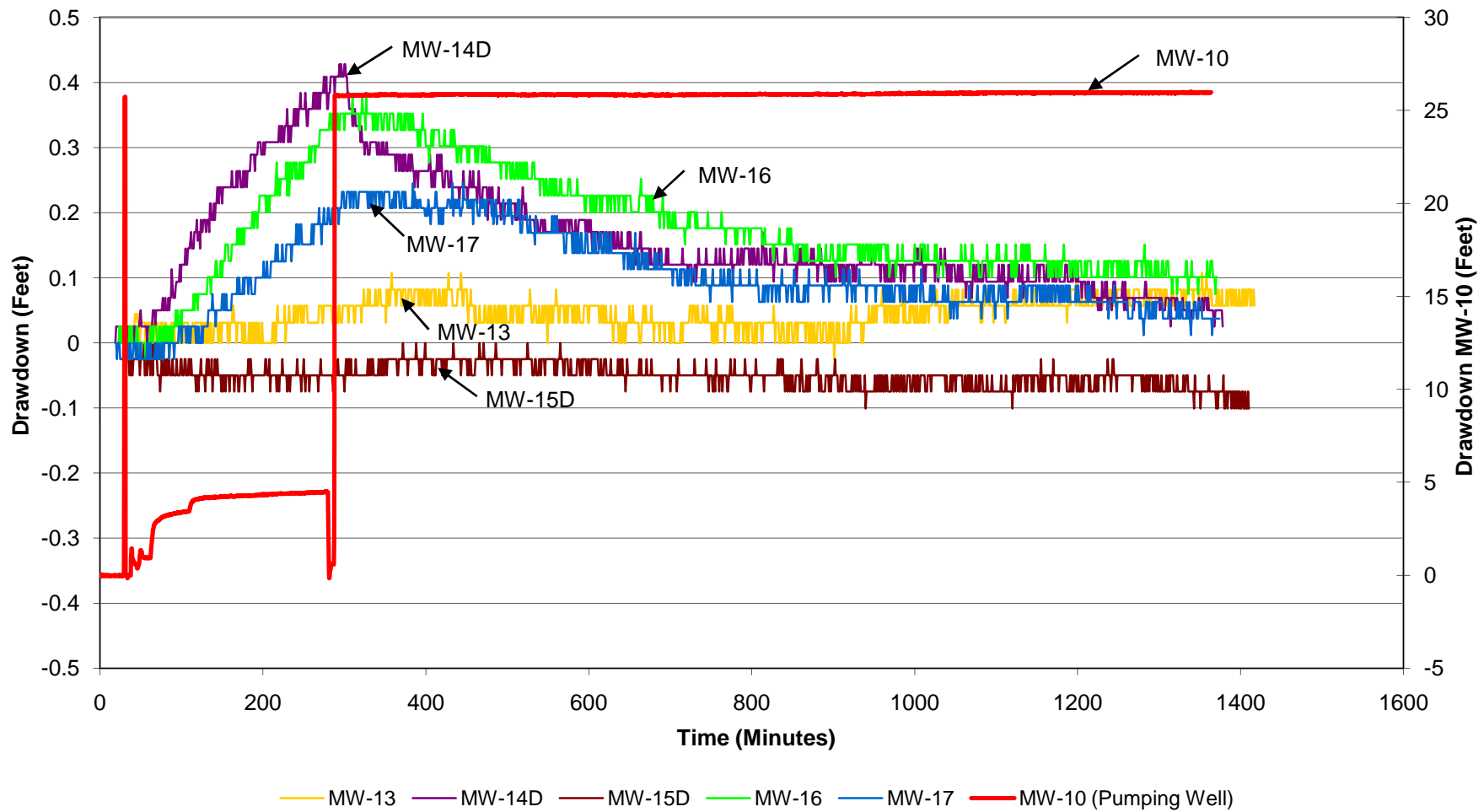
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Phone: (410) 729-9000 - Fax: (410) 729-9001

**MONROVIA BP  
(FORMER GREEN VALLEY CITGO)  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

Maximum Drawdown Groundwater Elevation -  
Zone of Influence - October 15, 2009

DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY: ---	FIGURE NO.:
APPROVED BY:	PROJECT NO.: 1953	DATE: 11/19/2009	<b>16</b>

Figure 17  
Monitoring Well MW-10 Short Term Pumping Test (Drawdown)  
Monrovia BP (Former Green Valley Citgo)  
11791 Fingerboard Road  
Monrovia, Maryland



**Figure 18**  
**Monitoring Well MW-13 Short Term Pumping Test (Drawdown)**  
**Monrovia BP (Former Green Valley Citgo)**  
**11791 Fingerboard Road**  
**Monrovia, Maryland**

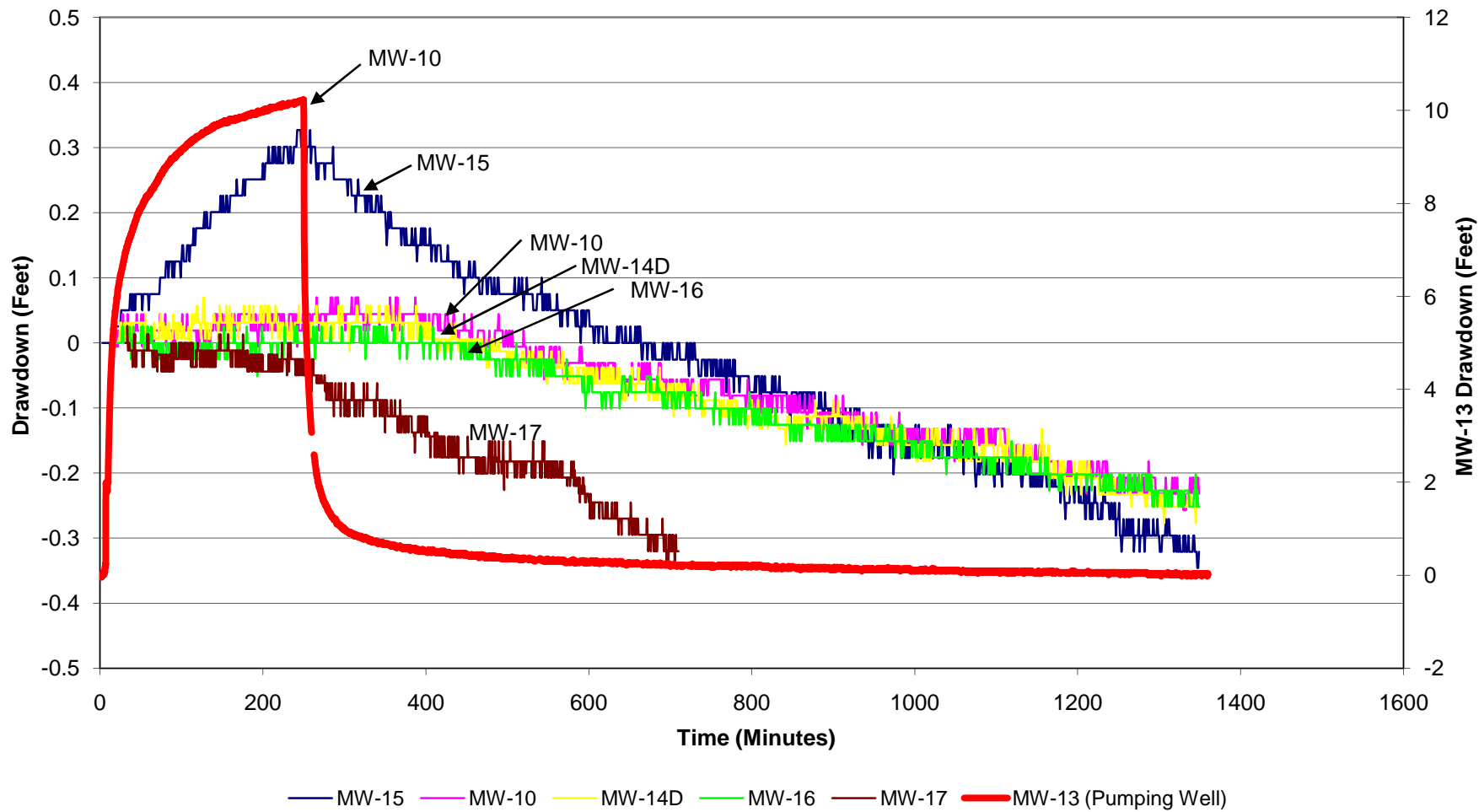
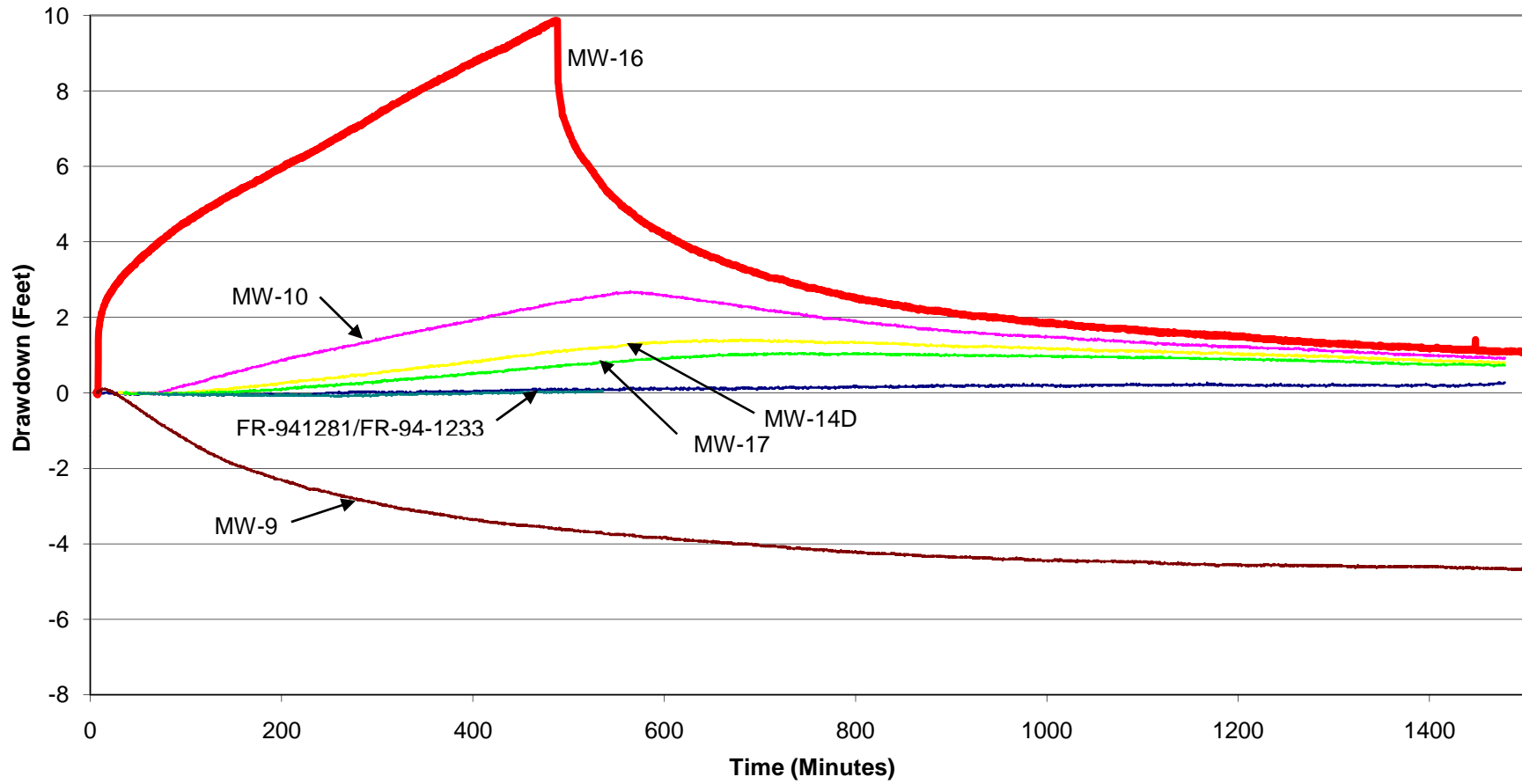
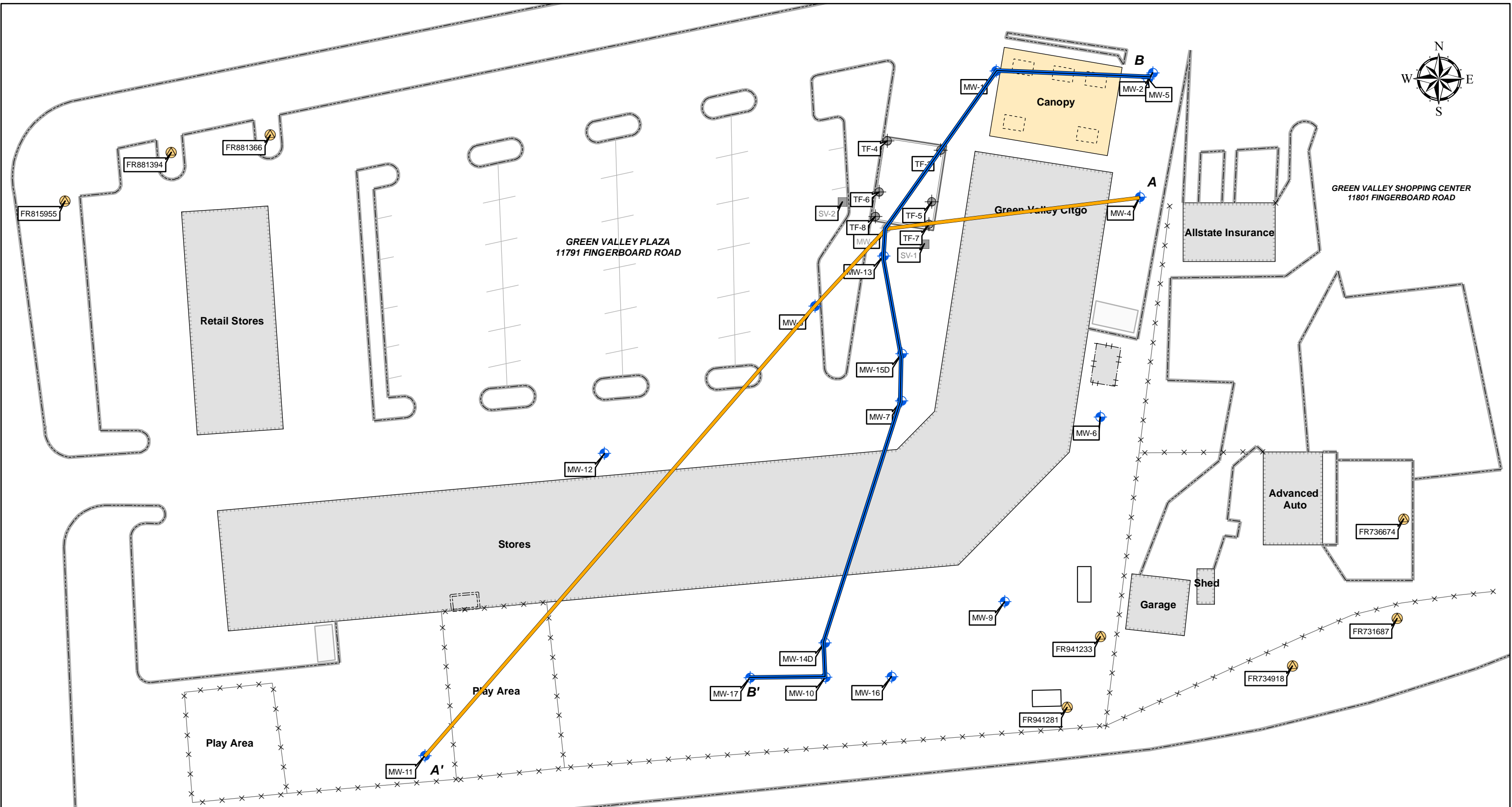


Figure 19  
MW-16 Short Term Pumping Test (Drawdown)  
Monrovia BP (Former Green Valley Citgo)  
11791 Fingerboard Road  
Monrovia, Maryland



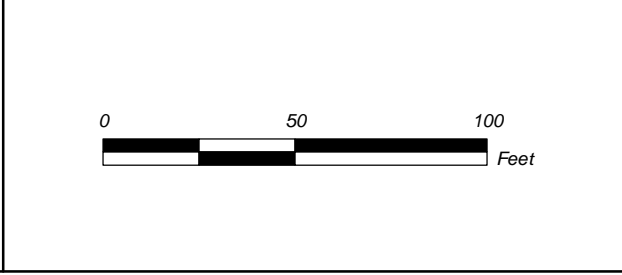
FR-94-1281 MW-10 MW-14D MW-17 MW-16 (Pumping Well) MW-9 FR-94-1233

Monday, November 9, 2009 4:05:16 PM • G:\EAI Projects\PCG Projects\Carroll Fuel\1953-Green Valley\1953-Maps\2009-11\1953-X-sections(11-09).mxd



GREEN VALLEY SHOPPING CENTER  
11801 FINGERBOARD ROAD

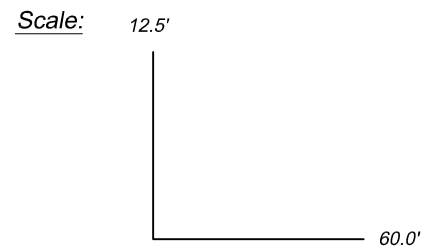
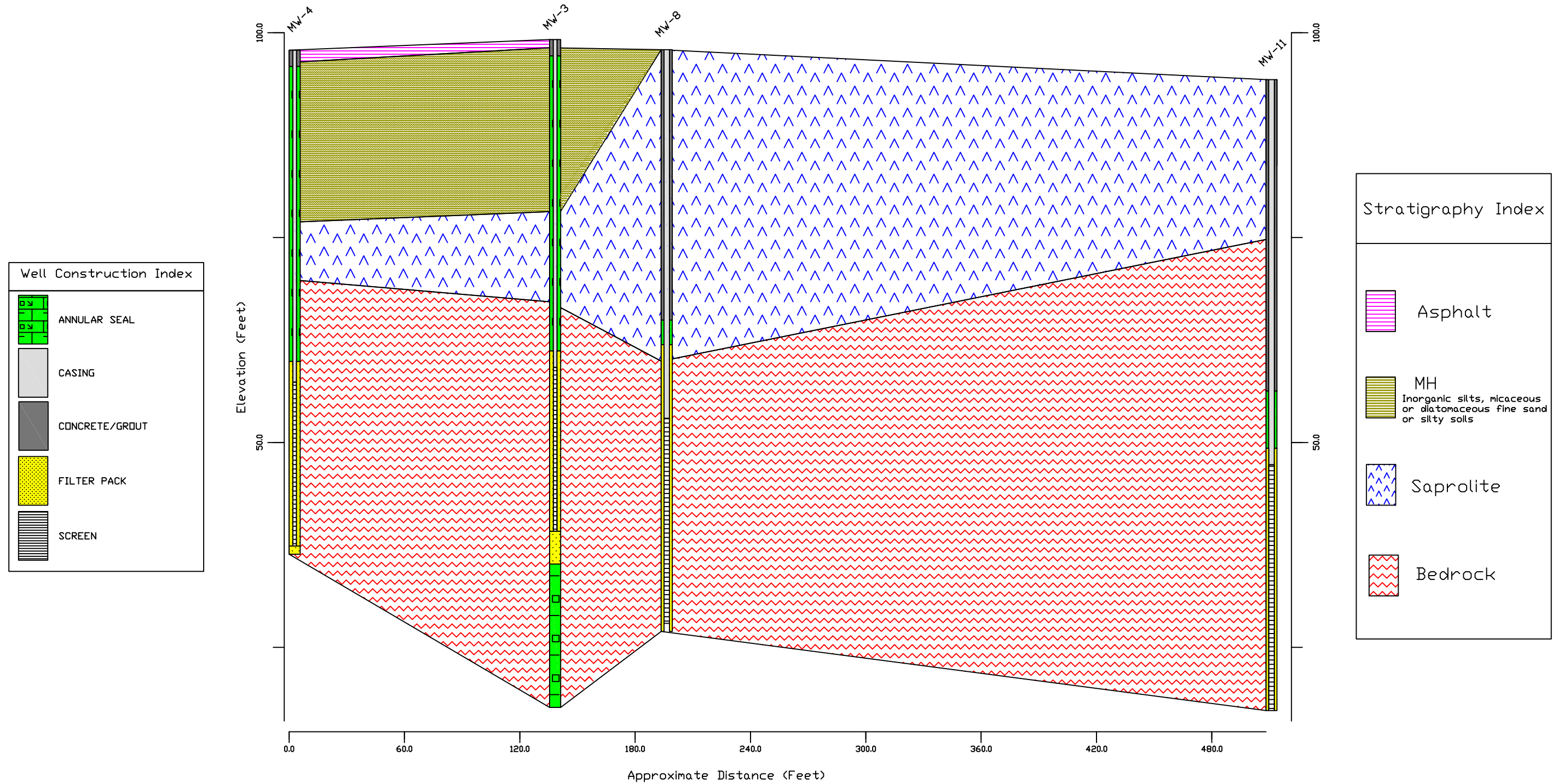
Legend	
	Abandoned Well
	Monitoring Well
	Potable Well
	Cross Section A-A'
	Tank Field Well
	Abandoned Soil Vapor Point
	Curbing
	Fence
	Parking
	Building
	Canopy
	Dispenser
	Tank Field
	Propane AST
	Pump Room Door
	Transformer
	Dumpster



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<b>MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND</b>			
<b>Geologic Cross Section Map</b>			
DESIGNED BY: CAF	DRAWN BY: AGG	UPDATED BY: SKJ	FIGURE NO.:
APPROVED BY:	PROJECT NO.: 1953	DATE: 11/09/2009	<b>20</b>

### Cross-Section A-A'



Source: Rockworks, 2006

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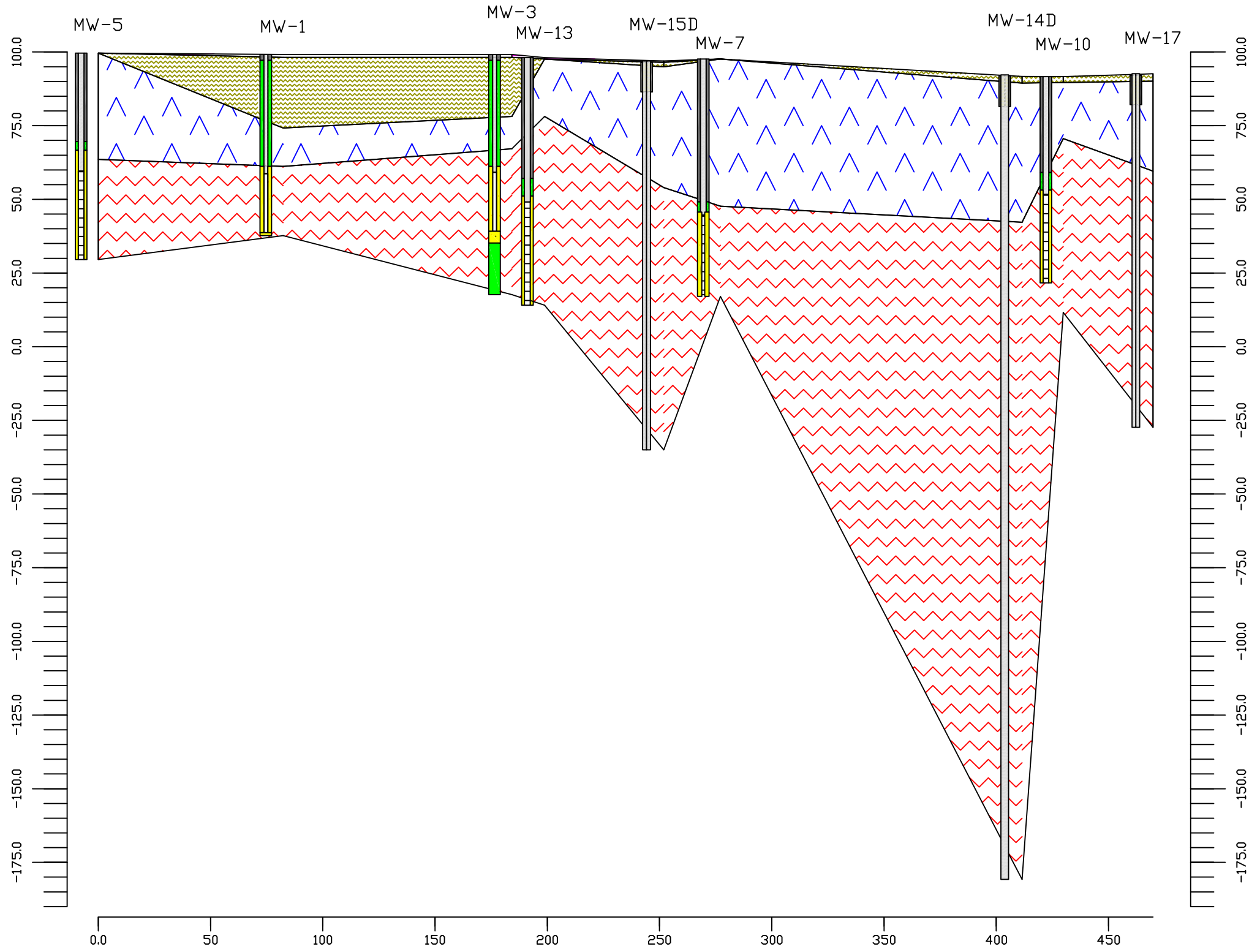
MONROVIA BP  
(FORMER GREEN VALLEY CITGO)  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND

#### CROSS SECTION A-A'

DESIGNED BY: CAF	DRAWN BY: KMB	UPDATED BY: -	FIGURE NO.:
APPROVED BY:	PROJECT NO. 1953A	DATE: 12/18/2009	21



### Cross-Section B-B'



**Well Construction Index**

- ANNULAR SEAL
- CASING
- CONCRETE/GROUT
- FILTER PACK
- SCREEN

**Stratigraphy Index**

- Asphalt
- MH  
Inorganic silts, micaceous or diatomaceous fine sand or silty soils
- Saprolite
- Bedrock

Scale: 25 Feet  
50 Feet

Source: Rockworks 2006

**Environmental Alliance, Inc.**  
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**MONROVIA BP  
(FORMER GREEN VALLEY CITGO)  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND  
CROSS SECTION B-B'**

DESIGNED BY: CAF	DRAWN BY: KMB	UPDATED BY: --	FIGURE NO: 22
APPROVED BY:	PROJECT NO. 1953	DATE: 2/12/2010	

**ATTACHMENT I**

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

- 9J15003
- 9J15005
- 9J19012
- 9J26009
- 9J26012
- 9K09021
- 0A15058
- 0A15061
- 0A15063
- 0A20047
- 0A20050
- 0A20051
- 0A20052
- 0A26022

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---

Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

---

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW15DPUMPTTEST31013091500	9J15003-01	Water	10/13/09 15:00	10/14/09 16:10
MW15DPUMPTTEST41014090300	9J15003-02	Water	10/14/09 03:00	10/14/09 16:10

9J15003-02: Revised sample description. dr

---

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Reviewed and Submitted by:

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Michael P. Tyler  
 Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** MW15DPUMPTEST31013091500 **Date/Time Sampled:** 10/13/09 15:00  
**Laboratory Sample ID:** 9J15003-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	14200	250	ug/l	10/20/09 04:24	EPA 8260B	wm	
Naphthalene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	544	5.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	280	100	ug/l	10/20/09 06:17	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	14400	500	ug/l	10/20/09 06:17	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	83.1	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
<b>Ethyl tert-butyl ether</b>	1.28	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/16/09 05:57	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** MW15DPUMPTEST31013091500 **Date/Time Sampled:** 10/13/09 15:00  
**Laboratory Sample ID:** 9J15003-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** MW15DPUMPTEST31013091500 **Date/Time Sampled:** 10/13/09 15:00  
**Laboratory Sample ID:** 9J15003-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** MW15DPUMPTTEST31013091500 **Date/Time Sampled:** 10/13/09 15:00  
**Laboratory Sample ID:** 9J15003-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/16/09 05:57	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>101 %</i>	<i>70-130</i>		<i>10/16/09 05:57</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>120 %</i>	<i>70-130</i>		<i>10/16/09 05:57</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: Fluorobenzene</i>	<i>104 %</i>	<i>70-130</i>		<i>10/16/09 05:57</i>	<i>EPA 8260B</i>	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** MW15DPUMPTEST41014090300 **Date/Time Sampled:** 10/14/09 03:00  
**Laboratory Sample ID:** 9J15003-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	7550	500	ug/l	10/16/09 16:45	EPA 8260B	wm	AE
Naphthalene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	828	250	ug/l	10/16/09 16:05	EPA 8260B	wm	AE
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	128	50.0	ug/l	10/16/09 16:05	EPA 8260B	wm	AE
<b>Tert-butyl alcohol</b>	11600	250	ug/l	10/16/09 16:05	EPA 8260B	wm	AE
<b>Diisopropylether (DIPE)</b>	56.3	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
<b>Ethyl tert-butyl ether</b>	1.44	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/15/09 19:49	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** MW15DPUMPTEST41014090300 **Date/Time Sampled:** 10/14/09 03:00  
**Laboratory Sample ID:** 9J15003-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** MW15DPUMPTEST41014090300 **Date/Time Sampled:** 10/14/09 03:00  
**Laboratory Sample ID:** 9J15003-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** MW15DPUMPTTEST41014090300 **Date/Time Sampled:** 10/14/09 03:00  
**Laboratory Sample ID:** 9J15003-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/15/09 19:49	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>99.7 %</i>	<i>70-130</i>		<i>10/15/09 19:49</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>108 %</i>	<i>70-130</i>		<i>10/15/09 19:49</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: Fluorobenzene</i>	<i>96.3 %</i>	<i>70-130</i>		<i>10/15/09 19:49</i>	<i>EPA 8260B</i>	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 11:50
Project Manager: Cari Finch	Number of Containers: 4	

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**Notes**

AE LCS did not run due to autosampler error. Data accepted based on acceptable check standard QC.



# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS



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Fax: (814) 946-8791  
Page 1 of 1

Please print. See back of COC for instructions/terms and conditions.

Client Name: Environmental Alliance  
Address: 1035 Bedford Blvd, Suite H  
Millsville, MD 21108  
Contact: Car Find  
Phone #: 410-729-9000  
Fax #: 410-729-9001  
Project Name: Monrovia BP  
Quote/PO #: 1953AT18

Receiving Info Y N  
Custody seals    
Seals intact?    
Received on ice?    
COCLabels agree?    
Correct containers?    
Correct preservation?    
VOA head space?    
Sample Temp:    
Reportable to PADDP? Yes  No   
PWSID #

TAT: Normal  Rush   
Rush TAT subject to pre-approval and surcharge.  
Date Required:   /  /  

FLI use only Sample Description/Location

Sample Date Sample Time

Grab or Composite  
Soil     
Water     
Other     
Matrix  
# of Containers

Analyses Requested

Bottle Type/Comments

9515003 MWISDPUMPTES3  
-01 MWISDPUMPTESI4

10/13/09 1500  
10/14/09 0300

X X X  
X X X  
2 2 2

VOC & oxy (8260)

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. \*

Signature

Date Time

Remarks

Sampled by: [Signature]  
Received by: [Signature]  
Relinquished by: [Signature]  
Relinquished by: [Signature]

10/14/09 1050  
10/14/09 1610

Chain of Custody Receiving Document

Receiver: CLB  
 Date/Time: 10/14/09 16:10

Page 9 of 15  
 Lab # 5003-02

Client: ENVIRONMENTAL ALL  
 Received on ICE?  Y Sample Temperature: 1 Acceptable?  Y  
 Custody Seals? N Intact?  Y  
 COC/Labels on bottles agree?  Y  
 Correct containers for all the analysis requested?  Y

Matrix: WATER

COC #	Number and Type of BOTTLES										Comments	
	Poly Non-Pres	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres	Poly NaOH	VOCS - (head space?)	Batch	Specials	Other		Properly Preserved
TEST 3							2					
TEST 4							2					

Any "NO" Client to be contacted: \_\_\_\_\_  
 Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoken to: \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW15DPumpTest1012091500	9J15005-01	Water	10/12/09 15:00	10/14/09 16:10
MW15DPumpTest21013090300	9J15005-02	Water	10/13/09 03:00	10/14/09 16:10

9J15005 DRO/GRO: The results are reported to the MDL. The blank results were above the MDL, therefore sample results may be biased high.

9J15005 DRO: The prep method LCS spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC. The spike recovery was outside acceptance limits for the MS and/or MSD due to sample matrix interferences. The batch was accepted based on acceptable CCV recovery.

9J15005-01 Total Dissolved Solids: The RPD result exceeded the QC control limits for the duplicate sample analyzed.

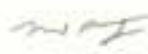
9J15005-01 Ferrous Iron: This sample was received beyond the EPA recommended holding time.

9J15005-01 Nitrate as N: This sample was received beyond the EPA recommended holding time.

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Reviewed and Submitted by:

  
 Michael P. Tyler  
 Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest1012091500 **Date/Time Sampled:** 10/12/09 15:00  
**Laboratory Sample ID:** 9J15005-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time		Method	Analyst
				Reported	Analyzed		

**Volatile Petroleum Hydrocarbons by 8015 GRO**

<b>Gasoline</b>	992	100	ug/l	10/20/09 21:23	EPA 8015	bg
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**Extractable Petroleum Hydrocarbons by 8015**

<b>Diesel</b>	88.4 [1]	300	ug/l	10/22/09 17:05	EPA 8015B-Mod	bg
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**Metals by EPA 200 Series Methods**

<b>Aluminum</b>	<0.0500	0.0500	mg/l	10/29/09 13:56	EPA 200.7	rb
<b>Calcium</b>	12.4	0.100	mg/l	10/29/09 13:56	EPA 200.7	rb
<b>Cadmium</b>	<0.00200	0.00200	mg/l	10/29/09 13:58	EPA 200.7	rb
<b>Ferrous Iron</b>	<0.500	0.500	mg/l	10/16/09 08:00	SM3500-Fe-B	kn
<b>Iron</b>	0.0828	0.0100	mg/l	10/29/09 13:56	EPA 200.7	rb
<b>Potassium</b>	1.58	0.100	mg/l	10/29/09 13:58	EPA 200.7	rb
<b>Magnesium</b>	10.9	0.100	mg/l	10/29/09 13:56	EPA 200.7	rb
<b>Manganese</b>	0.941	0.0100	mg/l	10/29/09 13:57	EPA 200.7	rb
<b>Sodium</b>	44.5	0.200	mg/l	10/29/09 13:57	EPA 200.7	rb

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Benzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm

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1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest1012091500 **Date/Time Sampled:** 10/12/09 15:00  
**Laboratory Sample ID:** 9J15005-01 (Water)

Analyte	Result	Laboratory Reporting		Date / Time Analyzed	Method	Analyst
		Limit	Units			

**Volatile Organic Compounds by EPA Method 8260B**

Toluene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Ethylbenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Isopropylbenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
<b>Methyl tert-butyl ether</b>	11300	100	ug/l	10/20/09 05:40	EPA 8260B	wm
Naphthalene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
<b>tert- amyl alcohol</b>	278	5.00	ug/l	10/16/09 06:55	EPA 8260B	wm
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
<b>Tert-amyl methyl ether</b>	98.4	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
<b>Tert-butyl alcohol</b>	7970	500	ug/l	10/20/09 05:40	EPA 8260B	wm
<b>Diisopropylether (DIPE)</b>	64.8	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
<b>Ethyl tert-butyl ether</b>	1.09	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Acrylonitrile	<10.0	10.0	ug/l	10/16/09 06:55	EPA 8260B	wm
Bromobenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Bromochloromethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Bromodichloromethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Bromoform	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Bromomethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
sec-Butylbenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
tert-Butylbenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest1012091500 **Date/Time Sampled:** 10/12/09 15:00  
**Laboratory Sample ID:** 9J15005-01 (Water)

Analyte	Result	Laboratory Reporting		Units	Date / Time Analyzed	Method	Analyst
		Limit					

**Volatile Organic Compounds by EPA Method 8260B**

n-Butylbenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Carbon disulfide	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Chlorobenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Chloroethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Chloroform	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Chloromethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
4-Chlorotoluene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
2-Chlorotoluene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Dibromochloromethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Dibromomethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2-Dichloroethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,1-Dichloroethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest1012091500 **Date/Time Sampled:** 10/12/09 15:00  
**Laboratory Sample ID:** 9J15005-01 (Water)

Analyte	Result	Laboratory Reporting		Date / Time		Analyst
		Limit	Units	Analyzed	Method	

**Volatile Organic Compounds by EPA Method 8260B**

1,1-Dichloroethene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
2,2-Dichloropropane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,3-Dichloropropane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2-Dichloropropane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,1-Dichloropropene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Hexachlorobutadiene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
p-Isopropyltoluene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Methylene chloride	<5.00	5.00	ug/l	10/16/09 06:55	EPA 8260B	wm
n-Propylbenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Styrene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Tetrachloroethene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Trichloroethene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest1012091500 **Date/Time Sampled:** 10/12/09 15:00

**Laboratory Sample ID:** 9J15005-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time		Method	Analyst
				Reported	Analyzed		

**Volatile Organic Compounds by EPA Method 8260B**

Trichlorofluoromethane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
Vinyl chloride	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
o-Xylene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
m,p-Xylene	<1.00	1.00	ug/l	10/16/09 06:55	EPA 8260B	wm
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>100 %</i>	<i>70-130</i>		<i>10/16/09 06:55</i>	<i>EPA 8260B</i>	<i>wm</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>120 %</i>	<i>70-130</i>		<i>10/16/09 06:55</i>	<i>EPA 8260B</i>	<i>wm</i>
<i>Surrogate: Fluorobenzene</i>	<i>105 %</i>	<i>70-130</i>		<i>10/16/09 06:55</i>	<i>EPA 8260B</i>	<i>wm</i>

**Conventional Chemistry Parameters by SM/EPA Methods**

<b>Total Alkalinity</b>	22.0	10.0	mg/l	10/22/09 16:39	SM2320B	EB
<b>Bicarbonate Alkalinity</b>	22.0	10.0	mg/l	10/22/09 16:44	SM2320B	EB
<b>Total Hardness</b>	80.0	4.00	mg/l	10/19/09 09:42	SM2340C	vc
<b>Nitrate as N</b>	1.93	1.00	mg/l	10/15/09 15:26	EPA 300.0	BW
Phosphorus	<0.0400	0.0400	mg/l	10/19/09 16:28	EPA 365.3	EB
<b>Total Dissolved Solids</b>	209	10.0	mg/l	10/16/09 08:20	SM2540C	cr
Total Suspended Solids	<4.00	4.00	mg/l	10/19/09 08:25	SM2540D	cr
<b>Total Organic Carbon</b>	3.70	0.500	mg/l	10/19/09 15:49	SM 5310C	bw

**Anions by EPA Method 300.0**

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest1012091500 **Date/Time Sampled:** 10/12/09 15:00

**Laboratory Sample ID:** 9J15005-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time		Method	Analyst
				Analyzed			

**Anions by EPA Method 300.0**

Chloride	111	10.0	mg/l	10/19/09 12:23	EPA 300.0	BW
Sulfate as SO4	1.43	1.00	mg/l	10/15/09 15:26	EPA 300.0	BW

**Physical Parameters by APHA/ASTM/EPA Methods**

Ammonia as N	<0.100	0.100	mg/l	10/26/09 20:51	ASTM D6919-03	CB
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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest21013090300 **Date/Time Sampled:** 10/13/09 03:00  
**Laboratory Sample ID:** 9J15005-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time		Analyst
				Analyzed	Method	

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
<b>Benzene</b>	1.07	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Toluene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Ethylbenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Isopropylbenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
<b>Methyl tert-butyl ether</b>	17000	250	ug/l	10/20/09 05:02	EPA 8260B	wm
Naphthalene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
<b>tert- amyl alcohol</b>	1300	500	ug/l	10/20/09 06:54	EPA 8260B	wm
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
<b>Tert-amyl methyl ether</b>	366	100	ug/l	10/20/09 06:54	EPA 8260B	wm
<b>Tert-butyl alcohol</b>	19500	500	ug/l	10/20/09 06:54	EPA 8260B	wm
<b>Diisopropylether (DIPE)</b>	158	100	ug/l	10/20/09 06:54	EPA 8260B	wm
<b>Ethyl tert-butyl ether</b>	1.74	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Acrylonitrile	<10.0	10.0	ug/l	10/16/09 07:54	EPA 8260B	wm
Bromobenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Bromochloromethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Bromodichloromethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Bromoform	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest21013090300 **Date/Time Sampled:** 10/13/09 03:00  
**Laboratory Sample ID:** 9J15005-02 (Water)

Analyte	Result	Laboratory Reporting		Units	Date / Time		Analyst
		Limit			Analyzed	Method	

**Volatile Organic Compounds by EPA Method 8260B**

Bromomethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
sec-Butylbenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
tert-Butylbenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
n-Butylbenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Carbon disulfide	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Chlorobenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Chloroethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Chloroform	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Chloromethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
4-Chlorotoluene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
2-Chlorotoluene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Dibromochloromethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Dibromomethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2-Dichloroethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest21013090300 **Date/Time Sampled:** 10/13/09 03:00  
**Laboratory Sample ID:** 9J15005-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time		Method	Analyst
				Reported	Analyzed		

**Volatile Organic Compounds by EPA Method 8260B**

1,1-Dichloroethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,1-Dichloroethene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
2,2-Dichloropropane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,3-Dichloropropane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2-Dichloropropane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,1-Dichloropropene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Hexachlorobutadiene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
p-Isopropyltoluene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Methylene chloride	<5.00	5.00	ug/l	10/16/09 07:54	EPA 8260B	wm
n-Propylbenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Styrene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Tetrachloroethene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** MW15DPumpTest21013090300 **Date/Time Sampled:** 10/13/09 03:00  
**Laboratory Sample ID:** 9J15005-02 (Water)

Analyte	Result	Laboratory Reporting		Units	Date / Time		Analyst
		Limit			Analyzed	Method	

**Volatile Organic Compounds by EPA Method 8260B**

1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Trichloroethene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Trichlorofluoromethane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
Vinyl chloride	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
o-Xylene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
m,p-Xylene	<1.00	1.00	ug/l	10/16/09 07:54	EPA 8260B	wm
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.7 %</i>	<i>70-130</i>		<i>10/16/09 07:54</i>	<i>EPA 8260B</i>	<i>wm</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>123 %</i>	<i>70-130</i>		<i>10/16/09 07:54</i>	<i>EPA 8260B</i>	<i>wm</i>
<i>Surrogate: Fluorobenzene</i>	<i>105 %</i>	<i>70-130</i>		<i>10/16/09 07:54</i>	<i>EPA 8260B</i>	<i>wm</i>

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MB	11/04/09 10:22
Project Manager: Cari Finch	Number of Containers: 13	

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**Data Qualifiers**

Please Note: If a number appears next to a result, it corresponds (in order) to the qualifiers listed below, starting with [1].

J Estimated value

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS



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Phone: (814) 946-4306  
Fax: (814) 946-8791  
Page 1 of 3

Please print. See back of COC for instructions/terms and conditions.

**Client Name:** Environmental Alliance  
**Address:** 1035 Benfield Blvd Ste H  
 Millersville, MD 21108  
**Contact:** Carl Finch  
**Phone #:** 410-789-9000  
**Fax #:** 410-789-9001  
**Project Name:** MONROVIA BP  
**Quote/PO #:** 1953A T18

**TAT:** Normal  Rush   
 Rush TAT subject to pre-approval and surcharge.  
**Date Required:** / /

**Receiving Info** Y N  
 Custody seals   
 Seals Intact?   
 Received on ice?   
 COCLabels agree?   
 Correct containers?   
 VOA head space?   
 Sample Temp: \_\_\_\_\_

**Reportable to PADEP?** Yes  No   
**PWSID #** \_\_\_\_\_

FLI use only	Sample Description/Location	Sample Date	Sample Time	Grab or Composite	Please Circle Program			# of Containers	Analyses Requested	Bottle Type/Comments
					ACT II	CERCLA	RCRA			
9315005	MWISDPUMPTST	10/12/09	1500	G	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11	VOCs toxy 8260 TPH GRO/DRO 8015 Alkalinity-biCarbonate Total Hardness Total Dissolved Solids Total Suspended Solids Total Phosphorus	
-01	MWISDPUMPTST R	10/13/09	0300	G	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2		

**Signature**  
 Sampled by: [Signature]  
 Received by: [Signature]  
 Relinquished by: [Signature]  
 Relinquished by: [Signature]

**Date**      **Time**  
 10/12/09      1530  
 10-14-09      1050  
 10-14-09      1610  
 10/14/09      16:10

**Remarks**

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.\*

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Page 2 of 3

Please print. See back of COC for instructions/terms and conditions.

Client Name: <b>Environmental Alliance</b> Address: <b>1035 Benfield Blvd SEH</b> <b>Millersville, MD 21108</b> Contact: <b>Carl Finch</b> Phone #: <b>410-729-9000</b> Fax #: <b>410-729-9001</b> Project Name: <b>MONKOVIA BR</b> Quote/PO #: <b>1953A 718</b>		Receiving Info Custody seals? <input type="checkbox"/> Y <input type="checkbox"/> N Seals Intact? <input type="checkbox"/> Y <input type="checkbox"/> N Received on ice? <input type="checkbox"/> Y <input type="checkbox"/> N COC/Labels agree? <input type="checkbox"/> Y <input type="checkbox"/> N Correct containers? <input type="checkbox"/> Y <input type="checkbox"/> N Correct preservation? <input type="checkbox"/> Y <input type="checkbox"/> N VOA head space? <input type="checkbox"/> Y <input type="checkbox"/> N Sample Temp: _____	
TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. Date Required: ____/____/____		Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/> PWSID # _____	
Sample Description/Location <b>9J5005 MW15BPPMPTEST</b> <b>-69</b>	Sample Date <b>10/12/09</b>	Sample Time <b>15000</b>	Grab or Composite <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite
			Matrix <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Other _____
			# of Containers <b>11</b>
Analyses Requested <b>Total Organic Carbon</b> <b>Cadmium</b> <b>Calcium</b> <b>Total Iron</b> <b>Ferrous Iron</b> <b>Manganese</b> <b>Magnesium</b>			Bottle Type/Comments  
Signature: _____ Date: <b>10/12/09</b> Time: <b>1530</b>			
Received by: <b>Carl Finch</b> Relinquished by: <b>Paul Gardner</b> Relinquished by: <b>Paul Gardner</b> Received by: <b>Paul Gardner</b>			
Remarks  			

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. \*

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS



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Alltona, PA 16602  
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Page 3 of 3

Please print. See back of COC for instructions/terms and conditions.

Client Name: <u>Environmental All</u> Address: <u>1025 Bentfield Blvd Ste 2</u> <u>Millersville, MD 21108</u> Contact: <u>Carl Finckh</u> Phone #: <u>410-329-9000</u> Fax #: <u>410-329-9001</u> Project Name: <u>MONROVIA BP</u> Quote/PO #: <u>1953A T18</u>		Receiving Info Custody seals Seals Intact? <input type="checkbox"/> Received on ice? <input type="checkbox"/> COC/Labels agree? <input type="checkbox"/> Correct containers? <input type="checkbox"/> Correct preservation? <input type="checkbox"/> VOA head space? <input type="checkbox"/> Sample Temp: _____ Reportable to PADEP? <input type="checkbox"/> PWSID # _____		Please Circle Program ACTII CERCLA RCRA NPDES SDWA CWA		Matrix Soil <input type="checkbox"/> Water <input checked="" type="checkbox"/> Other _____		Grab or Composite <input checked="" type="checkbox"/>		# of Containers <u>11</u>		Analyses Requested <u>Aluminum</u> <u>Potassium</u> <u>Sodium</u> <u>Nitrate</u> <u>Sulfate</u> <u>Chloride</u> <u>Ammonia</u>		Bottle Type/Comments	
FLI use only	Sample Description/Location	Sample Date	Sample Time	Date	Time	Remarks									
	<u>915005 MW15DPUMPTEST</u>	<u>10/12/09</u>	<u>15000</u>	<u>10/12/09</u>	<u>1530</u>										
	<u>-D3</u>														
TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. Date Required: _____															
By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. *		Signature <u>[Signature]</u>		Date <u>10/12/09</u>		Remarks									
Sampled by: <u>[Signature]</u> Received by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u>		Date <u>10/12/09</u>		Time <u>1530</u>											
Received by: <u>[Signature]</u>		Date <u>10/14/09</u>		Time <u>1000</u>											
Received by: <u>[Signature]</u>		Date <u>10/14/09</u>		Time <u>1610</u>											
Received by: <u>[Signature]</u>		Date <u>10/14/09</u>		Time <u>1610</u>											

Chain of Custody Receiving Document

Receiver: CLB  
 Date/Time: 10/14/04 16:10

Page 95 of 150  
 Lab # 15005-04

Client: EMILIONMEXM No  
 Received on ICE?  Y Sample Temperature: 1 Acceptable?  Y  
 Custody Seals? N Intact? N  
 COC/Labels on bottles agree? Y  
 Correct containers for all the analysis requested? Y

Matrix: WATER

COC #	Number and Type of BOTTLES										VOCS - (head space?) NO	Bactl	Specials	Other	Properly Preserved	Comments
	Poly Non- Pres	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non- Pres	Poly NaOH										
MW.15	1	1	1		2			4					SSS/KCC TOC	Y		
TEST 2								2								

Any "NO" Client to be contacted: \_\_\_\_\_  
 Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoken to: \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW15DPUMPTTEST51014091500	9J19012-01	Water	10/14/09 15:00	10/16/09 16:00
MW15DPUMPTTEST61015090300	9J19012-02	Water	10/15/09 03:00	10/16/09 16:00
MW15DPUMPTTEST71015091300	9J19012-03	Water	10/15/09 13:00	10/16/09 16:00

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Reviewed and Submitted by:

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Michael P. Tyler  
Laboratory Director



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTEST51014091500 **Date/Time Sampled:** 10/14/09 15:00  
**Laboratory Sample ID:** 9J19012-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	9140	100	ug/l	10/26/09 16:45	EPA 8260B	wm	
Naphthalene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	476	5.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	125	100	ug/l	10/26/09 16:45	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	9050	500	ug/l	10/26/09 16:45	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	58.8	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/23/09 21:26	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTTEST51014091500 **Date/Time Sampled:** 10/14/09 15:00  
**Laboratory Sample ID:** 9J19012-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTTEST51014091500 **Date/Time Sampled:** 10/14/09 15:00  
**Laboratory Sample ID:** 9J19012-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTTEST51014091500 **Date/Time Sampled:** 10/14/09 15:00  
**Laboratory Sample ID:** 9J19012-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/23/09 21:26	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTEST61015090300 **Date/Time Sampled:** 10/15/09 03:00  
**Laboratory Sample ID:** 9J19012-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	11000	100	ug/l	10/26/09 17:23	EPA 8260B	wm	
Naphthalene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	457	5.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	149	100	ug/l	10/26/09 17:23	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	10200	500	ug/l	10/26/09 17:23	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	55.7	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/23/09 22:04	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTEST61015090300 **Date/Time Sampled:** 10/15/09 03:00  
**Laboratory Sample ID:** 9J19012-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTEST61015090300 **Date/Time Sampled:** 10/15/09 03:00  
**Laboratory Sample ID:** 9J19012-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTEST61015090300 **Date/Time Sampled:** 10/15/09 03:00  
**Laboratory Sample ID:** 9J19012-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/23/09 22:04	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTEST71015091300 **Date/Time Sampled:** 10/15/09 13:00  
**Laboratory Sample ID:** 9J19012-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	10600	100	ug/l	10/26/09 18:02	EPA 8260B	wm	
Naphthalene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	441	5.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	136	100	ug/l	10/26/09 18:02	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	10300	500	ug/l	10/26/09 18:02	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	53.9	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/23/09 22:41	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTEST71015091300 **Date/Time Sampled:** 10/15/09 13:00  
**Laboratory Sample ID:** 9J19012-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTEST71015091300 **Date/Time Sampled:** 10/15/09 13:00

**Laboratory Sample ID:** 9J19012-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	10/28/09 08:29
Project Manager: Cari Finch	Number of Containers: 6	

**Client Sample ID:** MW15DPUMPTTEST71015091300 **Date/Time Sampled:** 10/15/09 13:00  
**Laboratory Sample ID:** 9J19012-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/23/09 22:41	EPA 8260B	wm	

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.



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Page 1 of 1

<b>Client Name:</b> <u>Environmental Alliance</u> <b>Address:</b> <u>1035 Belvidere Blvd, State H</u> <u>Millersville, MD 21109</u> <b>Contact:</b> <u>Car Fund</u> <b>Phone #:</b> <u>410-729-9000</u> <b>Fax #:</b> <u>410-729-9001</u> <b>Project Name:</b> <u>Mancovia BP</u> <b>Quote/PO #:</b> <u>19S3A 718</u>		<b>Receiving Info</b> Y    N Custody seals? <input type="checkbox"/> <input type="checkbox"/> Seals Intact? <input type="checkbox"/> <input type="checkbox"/> Received on ice? <input type="checkbox"/> <input type="checkbox"/> COC/Labels agree? <input type="checkbox"/> <input type="checkbox"/> Correct containers? <input type="checkbox"/> <input type="checkbox"/> Correct preservation? <input type="checkbox"/> <input type="checkbox"/> VOA head space? <input type="checkbox"/> <input type="checkbox"/> Sample Temp: _____ Reputable to PADEP?    Yes <input type="checkbox"/> No <input type="checkbox"/> PW/SID # _____				
<b>TAT:</b> Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. Date Required: ____/____/____		Please Circle Program: ACT II _____ CERCLA _____ RCRA _____ NPDES _____ SDWA _____ CWA _____ Matrix _____				
<b>FLI use only</b> Sample Description/Location <u>9J19012</u> <u>MWISDPUMPTEST5</u> <u>-01</u> <u>MWISDPUMPTEST6</u> <u></u> <u>MWISDPUMPTEST7</u>		Sample Date <u>10/14/09</u> <u>10/15/09</u> <u>10/15/09</u>	Sample Time <u>1500</u> <u>0300</u> <u>1300</u>	Grab or Composite <input checked="" type="checkbox"/> Soil _____ Water _____ Other _____ # of Containers <u>2</u> <u>2</u> <u>2</u>	Analyses Requested <u>VOCOXY(8260)</u>     	Bottle Type/Comments     
By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.*		Signature <u>[Signature]</u> Date <u>10/15/09</u> <u>10-16-09</u> <u>10-16-09</u> Time <u>0900</u> <u>1200</u> <u>1600</u>		Remarks     		

Chain of Custody Receiving Document

Receiver: J. Campbell  
 Date/Time: 10/16/09 14:00

Page 9 of 12  
 Lab # 901202

Client: ENV Alliance Sample Temperature: 3 Acceptable? Y  
 Received on ICE? N Intact? Y  
 Custody Seals? Y  
 COC/Labels on bottles agree? Y  
 Correct containers for all the analysis requested? Y  
 Matrix: Water

COC #	Number and Type of BOTTLES										Property Preserved	Comments
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS - (head space?)	Bacti	Specials	Other		
<u>3</u>							<u>HEC</u>				<u>Y</u>	

Any "NO" Client to be contacted: \_\_\_\_\_  
 Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoken to: \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW101021091105	9J26009-01	Water	10/21/09 11:05	10/23/09 16:15
MW101021091350	9J26009-02	Water	10/21/09 13:50	10/23/09 16:15
MW161022091020	9J26009-03	Water	10/22/09 10:20	10/23/09 16:15
MW161022091700	9J26009-04	Water	10/22/09 17:00	10/23/09 16:15

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Reviewed and Submitted by:

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Michael P. Tyler  
 Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW101021091105 **Date/Time Sampled:** 10/21/09 11:05

**Laboratory Sample ID:** 9J26009-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	982	50.0	ug/l	10/27/09 19:32	EPA 8260B	wm	
Naphthalene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
tert- amyl alcohol	<5.00	5.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	19.8	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	46.8	5.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	6.59	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/27/09 07:46	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW101021091105 **Date/Time Sampled:** 10/21/09 11:05

**Laboratory Sample ID:** 9J26009-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW101021091105 **Date/Time Sampled:** 10/21/09 11:05

**Laboratory Sample ID:** 9J26009-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW101021091105 **Date/Time Sampled:** 10/21/09 11:05

**Laboratory Sample ID:** 9J26009-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/27/09 07:46	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>97.9 %</i>	<i>70-130</i>		<i>10/27/09 07:46</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>90.3 %</i>	<i>70-130</i>		<i>10/27/09 07:46</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: Fluorobenzene</i>	<i>98.7 %</i>	<i>70-130</i>		<i>10/27/09 07:46</i>	<i>EPA 8260B</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW101021091350 **Date/Time Sampled:** 10/21/09 13:50

**Laboratory Sample ID:** 9J26009-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	1140	50.0	ug/l	10/27/09 20:10	EPA 8260B	wm	
Naphthalene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
tert- amyl alcohol	<5.00	5.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	24.7	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	56.0	5.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	7.80	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/27/09 08:25	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW101021091350 **Date/Time Sampled:** 10/21/09 13:50

**Laboratory Sample ID:** 9J26009-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW101021091350 **Date/Time Sampled:** 10/21/09 13:50

**Laboratory Sample ID:** 9J26009-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW101021091350 **Date/Time Sampled:** 10/21/09 13:50

**Laboratory Sample ID:** 9J26009-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/27/09 08:25	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.0 %</i>	<i>70-130</i>		<i>10/27/09 08:25</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>91.7 %</i>	<i>70-130</i>		<i>10/27/09 08:25</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: Fluorobenzene</i>	<i>99.2 %</i>	<i>70-130</i>		<i>10/27/09 08:25</i>	<i>EPA 8260B</i>	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW161022091020 **Date/Time Sampled:** 10/22/09 10:20

**Laboratory Sample ID:** 9J26009-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	21.3	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Naphthalene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
tert- amyl alcohol	<5.00	5.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Tert-amyl methyl ether	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Tert-butyl alcohol	<5.00	5.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Diisopropylether (DIPE)	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/27/09 09:42	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW161022091020 **Date/Time Sampled:** 10/22/09 10:20

**Laboratory Sample ID:** 9J26009-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW161022091020 **Date/Time Sampled:** 10/22/09 10:20

**Laboratory Sample ID:** 9J26009-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW161022091020 **Date/Time Sampled:** 10/22/09 10:20

**Laboratory Sample ID:** 9J26009-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/27/09 09:42	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.1 %</i>	<i>70-130</i>		<i>10/27/09 09:42</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>93.1 %</i>	<i>70-130</i>		<i>10/27/09 09:42</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: Fluorobenzene</i>	<i>101 %</i>	<i>70-130</i>		<i>10/27/09 09:42</i>	<i>EPA 8260B</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW161022091700 **Date/Time Sampled:** 10/22/09 17:00

**Laboratory Sample ID:** 9J26009-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Benzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Toluene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Ethylbenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Isopropylbenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	264	5.00	ug/l	10/27/09 21:27	EPA 8260B	wm	
Naphthalene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
tert- amyl alcohol	<5.00	5.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
tert- amyl ethyl ether	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	3.60	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Tert-butyl alcohol	<5.00	5.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	1.73	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Acrylonitrile	<10.0	10.0	ug/l	10/27/09 10:20	EPA 8260B	wm	
Bromobenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Bromochloromethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Bromodichloromethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Bromoform	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Bromomethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW161022091700 **Date/Time Sampled:** 10/22/09 17:00

**Laboratory Sample ID:** 9J26009-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
tert-Butylbenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
n-Butylbenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Carbon disulfide	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Chlorobenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Chloroethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Chloroform	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Chloromethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
4-Chlorotoluene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
2-Chlorotoluene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Dibromochloromethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Dibromomethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Dichlorodifluoromethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2-Dichloroethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,1-Dichloroethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW161022091700 **Date/Time Sampled:** 10/22/09 17:00

**Laboratory Sample ID:** 9J26009-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,1-Dichloroethene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
2,2-Dichloropropane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,3-Dichloropropane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2-Dichloropropane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,1-Dichloropropene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Hexachlorobutadiene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
p-Isopropyltoluene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Methylene chloride	<5.00	5.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
n-Propylbenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Styrene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Tetrachloroethene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/03/09 15:05
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW161022091700 **Date/Time Sampled:** 10/22/09 17:00

**Laboratory Sample ID:** 9J26009-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Trichloroethene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Trichlorofluoromethane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
Vinyl chloride	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
o-Xylene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
m,p-Xylene	<1.00	1.00	ug/l	10/27/09 10:20	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>97.0 %</i>	<i>70-130</i>		<i>10/27/09 10:20</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>92.4 %</i>	<i>70-130</i>		<i>10/27/09 10:20</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: Fluorobenzene</i>	<i>99.3 %</i>	<i>70-130</i>		<i>10/27/09 10:20</i>	<i>EPA 8260B</i>	wm	

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS



2019 9th Ave.  
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Aloona, PA 16602

Phone: (814) 946-4306  
Fax: (814) 946-8791  
Page 1 of 1

Please print. See back of COC for instructions/terms and conditions.

Client Name: <u>Environmental Alliance</u> Address: <u>1035 Benfield Blvd SEH</u> <u>Millersville MD 21108</u> Contact: <u>Cari Finch</u> Phone #: <u>410-729-9000</u> Fax #: <u>410-729-9001</u> Project Name: <u>MONROVIA BP</u> Quote/PO #: <u>1953A T18</u>		Receiving Info Custody seals <input type="checkbox"/> Y <input type="checkbox"/> N Seals Intact? <input type="checkbox"/> Received on ice? <input type="checkbox"/> COC/Labels agree? <input type="checkbox"/> Correct containers? <input type="checkbox"/> Correct preservation? <input type="checkbox"/> VOA head space? <input type="checkbox"/> Sample Temp: _____		Please Circle Program ACT II <input type="checkbox"/> CERCLA <input type="checkbox"/> RCRA <input type="checkbox"/> NPDES <input type="checkbox"/> SDWA <input type="checkbox"/> CWA <input type="checkbox"/>		Grab or Composite Soil <input type="checkbox"/> Water <input type="checkbox"/> Other <input type="checkbox"/> _____ Matrix <input type="checkbox"/>		# of Containers _____		Analyses Requested <u>VOCs + oxy 8260</u>		Bottle Type/Comments _____	
TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. Date Required: <u>1/1/19</u>	Reporable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/>		PWSID # _____		Sample Date <u>10/21/09</u>		Sample Time <u>1105</u>		_____		_____		
FLI use only <u>531009</u> <u>-D1</u>	Sample Description/Location <u>MU10</u> <u>MU10</u> <u>MU16</u> <u>MU16</u>		Sample Date <u>10/21/09</u> <u>10/21/09</u> <u>10/22/09</u> <u>10/22/09</u>		Sample Time <u>1105</u> <u>1350</u> <u>1020</u> <u>1700</u>		_____ _____ _____ _____		_____ _____ _____ _____		_____ _____ _____ _____		
By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.*		Signature: <u>[Signature]</u>		Date <u>10/22/09</u>		Time <u>7:15</u>		_____		_____			
Sampled by: <u>[Signature]</u>		Relinquished by: <u>[Signature]</u>		Date <u>10/23/09</u>		Time <u>16:15</u>		_____		_____			
Relinquished by: <u>[Signature]</u>		Relinquished by: <u>[Signature]</u>		Date <u>10/23/09</u>		Time <u>12:40</u>		_____		_____			
Relinquished by: <u>[Signature]</u>		Relinquished by: <u>[Signature]</u>		Date <u>10/23/09</u>		Time <u>11:15</u>		_____		_____			
Relinquished by: <u>[Signature]</u>		Relinquished by: <u>[Signature]</u>		Date <u>10/23/09</u>		Time <u>16:15</u>		_____		_____			



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW171019091530	9J26012-01	Water	10/19/09 15:30	10/23/09 16:15
MW171019091810	9J26012-02	Water	10/19/09 18:10	10/23/09 16:15
MW131020091210	9J26012-03	Water	10/20/09 12:10	10/23/09 16:15
MW131020091500	9J26012-04	Water	10/20/09 15:00	10/23/09 16:15

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Reviewed and Submitted by:

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Michael P. Tyler  
 Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW171019091530 **Date/Time Sampled:** 10/19/09 15:30

**Laboratory Sample ID:** 9J26012-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Benzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Toluene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Ethylbenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Isopropylbenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	10700	100	ug/l	10/27/09 18:05	EPA 8260B	wm	
Naphthalene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	670	25.0	ug/l	10/27/09 09:14	EPA 8260B	wm	
tert- amyl ethyl ether	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	283	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	7970	500	ug/l	10/27/09 18:05	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	91.5	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Ethyl tert-butyl ether	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Acrylonitrile	<50.0	50.0	ug/l	10/27/09 09:14	EPA 8260B	wm	
Bromobenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Bromochloromethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Bromodichloromethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Bromoform	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Bromomethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW171019091530 **Date/Time Sampled:** 10/19/09 15:30

**Laboratory Sample ID:** 9J26012-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
tert-Butylbenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
n-Butylbenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Carbon disulfide	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Chlorobenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Chloroethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Chloroform	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Chloromethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
4-Chlorotoluene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
2-Chlorotoluene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<25.0	25.0	ug/l	10/27/09 09:14	EPA 8260B	wm	
Dibromochloromethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Dibromomethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2-Dichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,4-Dichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,3-Dichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Dichlorodifluoromethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2-Dichloroethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,1-Dichloroethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW171019091530 **Date/Time Sampled:** 10/19/09 15:30

**Laboratory Sample ID:** 9J26012-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
cis-1,2-Dichloroethene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,1-Dichloroethene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
2,2-Dichloropropane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,3-Dichloropropane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2-Dichloropropane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
trans-1,3-Dichloropropene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,1-Dichloropropene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
cis-1,3-Dichloropropene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Hexachlorobutadiene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
p-Isopropyltoluene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Methylene chloride	<25.0	25.0	ug/l	10/27/09 09:14	EPA 8260B	wm	
n-Propylbenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Styrene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Tetrachloroethene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,1,1-Trichloroethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW171019091530 **Date/Time Sampled:** 10/19/09 15:30

**Laboratory Sample ID:** 9J26012-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Trichloroethene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Trichlorofluoromethane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
1,2,3-Trichloropropane	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
Vinyl chloride	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
o-Xylene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
m,p-Xylene	<5.00	5.00	ug/l	10/27/09 09:14	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>97.4 %</i>	<i>70-130</i>		<i>10/27/09 09:14</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>102 %</i>	<i>70-130</i>		<i>10/27/09 09:14</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: Fluorobenzene</i>	<i>101 %</i>	<i>70-130</i>		<i>10/27/09 09:14</i>	<i>EPA 8260B</i>	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW171019091810 **Date/Time Sampled:** 10/19/09 18:10  
**Laboratory Sample ID:** 9J26012-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Benzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Toluene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Ethylbenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Isopropylbenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	12700	1000	ug/l	10/28/09 23:56	EPA 8260B	wm	
Naphthalene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	611	25.0	ug/l	10/27/09 09:53	EPA 8260B	wm	
tert- amyl ethyl ether	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	250	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	13500	500	ug/l	10/27/09 18:44	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	80.1	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Ethyl tert-butyl ether	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Acrylonitrile	<50.0	50.0	ug/l	10/27/09 09:53	EPA 8260B	wm	
Bromobenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Bromochloromethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Bromodichloromethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Bromoform	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Bromomethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW171019091810 **Date/Time Sampled:** 10/19/09 18:10

**Laboratory Sample ID:** 9J26012-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
tert-Butylbenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
n-Butylbenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Carbon disulfide	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Chlorobenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Chloroethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Chloroform	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Chloromethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
4-Chlorotoluene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
2-Chlorotoluene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<25.0	25.0	ug/l	10/27/09 09:53	EPA 8260B	wm	
Dibromochloromethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Dibromomethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2-Dichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,4-Dichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,3-Dichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Dichlorodifluoromethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2-Dichloroethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,1-Dichloroethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW171019091810 **Date/Time Sampled:** 10/19/09 18:10  
**Laboratory Sample ID:** 9J26012-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
cis-1,2-Dichloroethene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,1-Dichloroethene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
2,2-Dichloropropane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,3-Dichloropropane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2-Dichloropropane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
trans-1,3-Dichloropropene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,1-Dichloropropene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
cis-1,3-Dichloropropene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Hexachlorobutadiene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
p-Isopropyltoluene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Methylene chloride	<25.0	25.0	ug/l	10/27/09 09:53	EPA 8260B	wm	
n-Propylbenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Styrene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Tetrachloroethene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,1,1-Trichloroethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW171019091810 **Date/Time Sampled:** 10/19/09 18:10

**Laboratory Sample ID:** 9J26012-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Trichloroethene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Trichlorofluoromethane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
1,2,3-Trichloropropane	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
Vinyl chloride	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
o-Xylene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
m,p-Xylene	<5.00	5.00	ug/l	10/27/09 09:53	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>96.0 %</i>	<i>70-130</i>		<i>10/27/09 09:53</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.0 %</i>	<i>70-130</i>		<i>10/27/09 09:53</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: Fluorobenzene</i>	<i>99.6 %</i>	<i>70-130</i>		<i>10/27/09 09:53</i>	<i>EPA 8260B</i>	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW131020091210 **Date/Time Sampled:** 10/20/09 12:10

**Laboratory Sample ID:** 9J26012-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	1600	100	ug/l	10/28/09 07:10	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	22.5	10.0	ug/l	10/27/09 08:54	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	7.20	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	355	10.0	ug/l	10/27/09 08:54	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	14.5	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	10/27/09 08:54	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW131020091210 **Date/Time Sampled:** 10/20/09 12:10

**Laboratory Sample ID:** 9J26012-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	10/27/09 08:54	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Dibromomethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Dichlorodifluoromethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2-Dichloroethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,1-Dichloroethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite 1 Project Number: 1953A T18 **Reported:**  
 Millersville MD, 21108 Collector: CLIENT 11/12/09 08:31  
 Project Manager: Cari Finch Number of Containers: 8

**Client Sample ID:** MW131020091210 **Date/Time Sampled:** 10/20/09 12:10

**Laboratory Sample ID:** 9J26012-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,1-Dichloroethene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
2,2-Dichloropropane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,3-Dichloropropane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2-Dichloropropane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,1-Dichloropropene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Hexachlorobutadiene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
p-Isopropyltoluene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Methylene chloride	<10.0	10.0	ug/l	10/27/09 08:54	EPA 8260B	wm	
n-Propylbenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW131020091210 **Date/Time Sampled:** 10/20/09 12:10

**Laboratory Sample ID:** 9J26012-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	10/27/09 08:54	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>101 %</i>	<i>70-130</i>		<i>10/27/09 08:54</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.5 %</i>	<i>70-130</i>		<i>10/27/09 08:54</i>	<i>EPA 8260B</i>	wm	
<i>Surrogate: Fluorobenzene</i>	<i>99.4 %</i>	<i>70-130</i>		<i>10/27/09 08:54</i>	<i>EPA 8260B</i>	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW131020091500 **Date/Time Sampled:** 10/20/09 15:00

**Laboratory Sample ID:** 9J26012-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	1410	100	ug/l	10/28/09 07:47	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
tert- amyl alcohol	<10.0	10.0	ug/l	10/27/09 09:33	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	6.14	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	421	10.0	ug/l	10/27/09 09:33	EPA 8260B	wm	
<b>Diisopropylether (DIPE)</b>	11.3	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	10/27/09 09:33	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW131020091500 **Date/Time Sampled:** 10/20/09 15:00

**Laboratory Sample ID:** 9J26012-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	10/27/09 09:33	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Dibromomethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Dichlorodifluoromethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2-Dichloroethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,1-Dichloroethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW131020091500 **Date/Time Sampled:** 10/20/09 15:00

**Laboratory Sample ID:** 9J26012-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,1-Dichloroethene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
2,2-Dichloropropane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,3-Dichloropropane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2-Dichloropropane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,1-Dichloropropene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Hexachlorobutadiene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
p-Isopropyltoluene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Methylene chloride	<10.0	10.0	ug/l	10/27/09 09:33	EPA 8260B	wm	
n-Propylbenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T18	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/12/09 08:31
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** MW131020091500 **Date/Time Sampled:** 10/20/09 15:00

**Laboratory Sample ID:** 9J26012-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,1,2-Trichloroethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	10/27/09 09:33	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.3 %</i>	<i>70-130</i>		<i>10/27/09 09:33</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>91.9 %</i>	<i>70-130</i>		<i>10/27/09 09:33</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: Fluorobenzene</i>	<i>97.7 %</i>	<i>70-130</i>		<i>10/27/09 09:33</i>	<i>EPA 8260B</i>	<i>wm</i>	

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS



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Allioma, PA 16602  
Phone: (814) 946-4306  
Fax: (814) 946-8791  
Page 1 of 1

Please print. See back of COC for instructions/terms and conditions.

Client Name: <b>ENVIRONMENTAL ALLIANCE</b> Address: <b>1035 BENEFIELD BLVD STE#1</b> <b>MILLERSVILLE MD 21108</b> Contact: <b>CARL FINCH</b> Phone #: <b>410-789-9000</b> Fax #: <b>410-789-9001</b> Project Name: <b>MONROVIA BP</b> Quote/PO #: <b>P534 718</b>		Receiving Info Custody seals: <input type="checkbox"/> Y <input type="checkbox"/> N Seals intact?: <input type="checkbox"/> Y <input type="checkbox"/> N Received on ice?: <input type="checkbox"/> Y <input type="checkbox"/> N COC/labels agree?: <input type="checkbox"/> Y <input type="checkbox"/> N Correct containers?: <input type="checkbox"/> Y <input type="checkbox"/> N Correct preservation?: <input type="checkbox"/> Y <input type="checkbox"/> N VOA head space?: <input type="checkbox"/> Y <input type="checkbox"/> N Sample Temp: _____	
TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. Date Required: ____/____/____ PWSID # _____ Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/>		Please Circle Program ACT II <input type="checkbox"/> CERCLA <input type="checkbox"/> RCRA <input type="checkbox"/> NPDES <input type="checkbox"/> SDWA <input type="checkbox"/> CWA <input type="checkbox"/>	
FLI use only <b>10/10/09</b> <b>-01</b>	Sample Description/Location <b>MW-17</b> <b>MW-17</b> <b>MW-13</b>	Sample Date <b>10/19/09</b> <b>10/19/09</b> <b>10/20/09</b>	Sample Time <b>1530</b> <b>1810</b> <b>1210</b>
		Grab or Composite Soil <input type="checkbox"/> Water <input type="checkbox"/> Other <input type="checkbox"/>	Matrix <input type="checkbox"/>
		# of Containers <b>2</b> <b>2</b> <b>2</b>	Analyses Requested <b>VOCs + oxy 8260</b>
Signature <i>[Handwritten Signature]</i>		Date <b>10/20/09</b>	Time <b>1530</b>
Received by: <i>[Handwritten Name]</i>		Date <b>10-21-09</b>	Time <b>1700</b>
Relinquished by: <i>[Handwritten Name]</i>		Date <b>10-23</b>	Time <b>1615</b>
Relinquished by: <i>[Handwritten Name]</i>		Date <b>10/23/09</b>	Time <b>16:15</b>
By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.*		Remarks	

Chain of Custody Receiving Document

Receiver: CLB  
 Date/Time: 10/21/09 17:00

Page 9 of 10  
 Lab # 010019-02

Client: ENVIRONMENTAL ADVANCE  
 Received on ICE? Y Sample Temperature: 3 Acceptable? Y  
 Custody Seals? N Intact? N  
 COC/Labels on bottles agree? Y  
 Correct containers for all the analysis requested? Y

Matrix: WATER

COC #	Number and Type of BOTTLES										Property Preserved	Comments
	Poly Non-Pres	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres	Poly NaOH	VOCs - (blend spec?)	Bacti	Specials	Other		
MW 17							<del>X</del> 3				N/A	10-19 1530
MW 13							<del>X</del> 3				N/A	10-19 1810 10-20 1810 10-20 1500

Any "NO" Client to be contacted: \_\_\_\_\_  
 Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoken to: \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T22	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/16/09 08:50
Project Manager: Cari Finch	Number of Containers: 8	

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ZONE010651105091015	9K09021-01	Water	11/05/09 10:15	11/06/09 16:15
ZONE0269801105091420	9K09021-02	Water	11/05/09 14:20	11/06/09 16:15
ZONE0382931106090915	9K09021-03	Water	11/06/09 09:15	11/06/09 16:15
ZONE042092201106091230	9K09021-04	Water	11/06/09 12:30	11/06/09 16:15

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Reviewed and Submitted by:

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Michael P. Tyler  
 Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T22	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/16/09 08:50
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** ZONE010651105091015 **Date/Time Sampled:** 11/05/09 10:15

**Laboratory Sample ID:** 9K09021-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Methyl tert-butyl ether</b>	5330	100	ug/l	11/10/09 14:51	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	97.2 %	70-130		11/09/09 18:51	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	95.9 %	70-130		11/09/09 18:51	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	94.4 %	70-130		11/09/09 18:51	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T22	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/16/09 08:50
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** ZONE0269801105091420 **Date/Time Sampled:** 11/05/09 14:20

**Laboratory Sample ID:** 9K09021-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Methyl tert-butyl ether</b>	4750	100	ug/l	11/10/09 15:29	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	96.5 %	70-130		11/09/09 20:08	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.7 %	70-130		11/09/09 20:08	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	95.7 %	70-130		11/09/09 20:08	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T22	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/16/09 08:50
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** ZONE0382931106090915 **Date/Time Sampled:** 11/06/09 09:15

**Laboratory Sample ID:** 9K09021-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Methyl tert-butyl ether</b>	5010	100	ug/l	11/10/09 16:07	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	97.5 %	70-130		11/09/09 21:24	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.5 %	70-130		11/09/09 21:24	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	95.1 %	70-130		11/09/09 21:24	EPA 8260B	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite 1	Project Number: 1953A T22	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	11/16/09 08:50
Project Manager: Cari Finch	Number of Containers: 8	

**Client Sample ID:** ZONE042092201106091230 **Date/Time Sampled:** 11/06/09 12:30  
**Laboratory Sample ID:** 9K09021-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Methyl tert-butyl ether</b>	5980	250	ug/l	11/10/09 16:45	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	96.2 %	70-130		11/09/09 22:41	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.2 %	70-130		11/09/09 22:41	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	94.8 %	70-130		11/09/09 22:41	EPA 8260B	wm	

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.



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<b>Client Name:</b> Environmental Alliance <b>Address:</b> 1035 Benfield Blvd, Ste H Millersville, MD 21108 <b>Contact:</b> Cary Finch <b>Phone #:</b> 410-789-9000 <b>Fax #:</b> 410-789-9001 <b>Project Name:</b> MONROVIA BP <b>Quote/PO #:</b> 1953A T82		<b>Receiving Info</b> Y N Custody seals Seals Intact? Received on ice? COC/Labels agree? Correct containers? Correct preservation? VOA head space? Sample Temp: Reportable to PADDP? Yes <input type="checkbox"/> No <input type="checkbox"/> PWSID #		<b>Please Circle Program</b> ACTII CERCLA RCRA NPDES SDWA CWA <b>Matrix</b> Soil Water Other <b># of Containers</b>		<b>Analyses Requested</b> METBE 8260	
<b>TAT:</b> Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. <b>Date Required:</b> / /	<b>FLI use only</b>	<b>Sample Description/Location</b>	<b>Sample Date</b>	<b>Sample Time</b>	<b>Grab or Composite</b>	<b>Remarks</b>	
	4109021	ZONE 01065	11/5/09	1015	G		
	-01	ZONE 036980	11/5/09	1430	G		
		ZONE 038393	11/6/09	915	G		
		ZONE 04209220	11/6/09	1230	G		
By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.*							
<b>Signature</b> Sampled by: <i>[Signature]</i> Received by: <i>[Signature]</i> Relinquished by: <i>[Signature]</i> Relinquished by: <i>[Signature]</i> Received by: <i>[Signature]</i>		<b>Date</b> 11/6/09 11/6-09 11-6-09 11/6/09	<b>Time</b> 1245 1245 1615 1615	<b>Remarks</b> *NOTE: HAD TO PICK UP THESE SAMPLES AT JOB SITE IN MONROVIA, MD (AHEAD OF RT 70 RETURN TRIP) 11791 Fingboard Road Monrovia, MD Fingboard Road Greenville Rd. Megan - call 240-285-5942			

Receiver: CLB 1461

Chain of Custody Receiving Document

Page      of     

Date/Time: 11/6/09 16:15

Client: ENV. ADVANCE

Lab # 91009021-02

Received on ICE?  Sample Temperature: 4 Acceptable?   
Custody Seals? N Intact? N

COC/Labels on bottles agree?  Correct containers for all the analysis requested?  Matrix: WATER

COC #	Number and Type of BOTTLES						VOCS - (head space?)	Boott	Specials	Other <input type="checkbox"/> *	Properly Preserved <input type="checkbox"/> *	Comments
	Poly Non- Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non- Pres.	Poly NaOH						
<u>01065</u>												
<u>20980</u>												
<u>38293</u>												
<u>4209220</u>												

\* Any "NO" Client to be contacted:  
Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoken for: \_\_\_\_\_  
Discussion and Outcome: \_\_\_\_\_

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 12:57
Project Manager: Cari Finch	Number of Containers: 16	

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FR7349180114101045	0A15058-01	Water	01/14/10 10:45	01/15/10 13:30
FR7366740114101050	0A15058-02	Water	01/14/10 10:50	01/15/10 13:30
FR7316870114101055	0A15058-03	Water	01/14/10 10:55	01/15/10 13:30

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Reviewed and Submitted by:

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Michael P. Tyler  
 Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 12:57
Project Manager: Cari Finch	Number of Containers: 16	

**Client Sample ID:** FR7349180114101045 **Date/Time Sampled:** 01/14/10 10:45  
**Laboratory Sample ID:** 0A15058-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

MS

Gasoline	<100	100	ug/l	01/19/10 00:51	EPA 8015	BG	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>88.6 %</i>	<i>70-130</i>		<i>01/19/10 00:51</i>	<i>EPA 8015</i>	BG	

**Extractable Petroleum Hydrocarbons by 8015**

MS

Diesel	<300	300	ug/l	01/29/10 15:08	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>17.7 %</i>	<i>40-140</i>		<i>01/29/10 15:08</i>	<i>EPA 8015B-Mod</i>	bg	

**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 16:58	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/19/10 16:58	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 12:57
Project Manager: Cari Finch	Number of Containers: 16	

**Client Sample ID:** FR7349180114101045 **Date/Time Sampled:** 01/14/10 10:45

**Laboratory Sample ID:** 0A15058-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Styrene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 16:58	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>74.0 %</i>	<i>70-130</i>		<i>01/19/10 16:58</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>81.3 %</i>	<i>70-130</i>		<i>01/19/10 16:58</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 12:57
Project Manager: Cari Finch	Number of Containers: 16	

**Client Sample ID:** FR7366740114101050 **Date/Time Sampled:** 01/14/10 10:50  
**Laboratory Sample ID:** 0A15058-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/19/10 01:54	EPA 8015	BG	
Surrogate: a,a,a-Trifluorotoluene	88.4 %	70-130		01/19/10 01:54	EPA 8015	BG	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/29/10 17:40	EPA 8015B-Mod	bg	L10, L12
Surrogate: o-Terphenyl	25.8 %	40-140		01/29/10 17:40	EPA 8015B-Mod	bg	

**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 17:27	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/19/10 17:27	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 12:57
Project Manager: Cari Finch	Number of Containers: 16	

**Client Sample ID:** FR7366740114101050 **Date/Time Sampled:** 01/14/10 10:50

**Laboratory Sample ID:** 0A15058-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Styrene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 17:27	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	72.8 %	70-130		01/19/10 17:27	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	81.5 %	70-130		01/19/10 17:27	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 12:57
Project Manager: Cari Finch	Number of Containers: 16	

**Client Sample ID:** FR7316870114101055 **Date/Time Sampled:** 01/14/10 10:55  
**Laboratory Sample ID:** 0A15058-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/19/10 02:57	EPA 8015	BG	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	88.2 %	70-130		01/19/10 02:57	EPA 8015	BG	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/29/10 18:31	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	31.4 %	40-140		01/29/10 18:31	EPA 8015B-Mod	bg	

**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 17:57	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/19/10 17:57	EPA 524.2	wm	
<b>Diisopropylether (DIPE)</b>	5.90	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 12:57
Project Manager: Cari Finch	Number of Containers: 16	

**Client Sample ID:** FR7316870114101055 **Date/Time Sampled:** 01/14/10 10:55

**Laboratory Sample ID:** 0A15058-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Styrene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
<b>Tetrachloroethene</b>	1.11	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 17:57	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	72.4 %	70-130		01/19/10 17:57	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	79.7 %	70-130		01/19/10 17:57	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 12:57
Project Manager: Cari Finch	Number of Containers: 16	

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**Notes**

- MS The spike recovery was outside acceptance limits for the MS and/or MSD due to sample matrix interferences. The batch was accepted based on acceptable CCV recovery.
- L12 The prep method LCS spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC.
- L10 This sample was analyzed at a dilution due to the matrix. Reporting limits were adjusted accordingly.

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS



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Page 1 of 1

Please print. See back of COC for instructions/terms and conditions.

<b>Client Name:</b> Environmental Alliance <b>Address:</b> 1035 Fairfield Blvd, Suite H McMusy, MD 2108 <b>Contact:</b> GAT Fink <b>Phone #:</b> 410-729-9000 <b>Fax #:</b> 410-729-9001 <b>Project Name:</b> Montavia BF <b>Quote/PO #:</b> 1953A T.07		<b>Receiving Info</b> Y N Custody seals Seals Intact? <input checked="" type="checkbox"/> Received on ice? <input checked="" type="checkbox"/> COC/Labels agree? <input checked="" type="checkbox"/> Correct containers? <input checked="" type="checkbox"/> Correct preservation? <input type="checkbox"/> VOA head space? <input type="checkbox"/> Sample Temp: _____ Reportable to PADEP? Yes <input type="checkbox"/> PWSID # _____		<b>Please Circle Program</b> ACT II CERCLA RCRA NPDES SDWA CWA		<b>Matrix</b> Soil _____ Water _____ Other _____ # of Containers _____		<b>Analyses Requested</b> VOC+Oxy+naphthalene (524.2) TPH-DRO (6008015)		<b>Bottle Type/Comments</b>					
<b>TAT:</b> Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. Date Required: ____/____/____		<b>Sample Description/Location</b> DAI5058 FE734918 01 FE736674 FE73687		<b>Sample Date</b> 11/4/10 10:45 10:50 10:55		<b>Sample Time</b> 10:45 10:50 10:55		<b>Signature</b> [Signatures]		<b>Date</b> 11/4/10 11/4/10 11/5/10 11/5/10		<b>Time</b> 17:00 17:00 13:30 13:30		<b>Remarks</b>	

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.\*

Chain of Custody Receiving Document

Receiver: W Campbell

Page     of    

revised 11/25/09

Date/Time of this Check: 1/15/10 1410 Sample Temperature: 2.4 Client: ENV Alliance MD Lab # DA15058-02

Received at lab on ICE?  Sample Temperature when arrived at Lab 2.4 acceptable?   
 Custody Seals? N Intact? N

COC/Labels on bottles agree?  Correct containers for all the analysis requested?  Matrix: WATER

COC #	Number and Type of BOTTLES						VOCs - head space	Specials	Other	Property Preserved	Comments
	Polyl Non-Press	Polyl H2SO4	Polyl HNO3	Ambler H2SO4	Ambler Non-Press	Polyl NaOH					
<u>1</u>					<u>2</u>		<u>HCL</u>	<input type="checkbox"/>	<input type="checkbox"/>		
<u>2</u>					<u>1</u>		<u>H</u>	<input type="checkbox"/>	<input type="checkbox"/>		
<u>3</u>							<u>H</u>	<input type="checkbox"/>	<input type="checkbox"/>		
<u>4</u>							<u>H</u>	<input type="checkbox"/>	<input type="checkbox"/>		
<u>FB</u>							<u>H</u>	<input type="checkbox"/>	<input type="checkbox"/>		

\* Any "NO" Client to be contacted:  
 Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoke to: \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3979FARMINF0113100700	0A15061-01	Water	01/13/10 07:00	01/15/10 13:30
3737BLUEINF0113101025	0A15061-02	Water	01/13/10 10:25	01/15/10 13:30
3998RYEINF0113101055	0A15061-03	Water	01/13/10 10:55	01/15/10 13:30
3740BLUEINF0113101115	0A15061-04	Water	01/13/10 11:15	01/15/10 13:30
3835GREENINF0113101135	0A15061-05	Water	01/13/10 11:35	01/15/10 13:30
3981FARMINF0113101225	0A15061-06	Water	01/13/10 12:25	01/15/10 13:30
3991FARMINF0113101320	0A15061-07	Water	01/13/10 13:20	01/15/10 13:30
FB0113101335	0A15061-08	Water	01/13/10 13:35	01/15/10 13:30
TB0113101340	0A15061-09	Water	01/13/10 13:40	01/15/10 13:30
3985FARMINF0113101515	0A15061-10	Water	01/13/10 15:15	01/15/10 13:30
3739BLUEINF0113101535	0A15061-11	Water	01/13/10 15:35	01/15/10 13:30
3993FARMINF0113101550	0A15061-12	Water	01/13/10 15:50	01/15/10 13:30
3923ROSEEFF0113100715	0A15061-13	Water	01/13/10 07:15	01/15/10 13:30
3923ROSEMID020113100720	0A15061-14	Water	01/13/10 07:20	01/15/10 13:30
3923ROSEINF0113100725	0A15061-15	Water	01/13/10 07:25	01/15/10 13:30
3992FARMEFF0113100810	0A15061-16	Water	01/13/10 08:10	01/15/10 13:30
3992FARMMID020113100815	0A15061-17	Water	01/13/10 08:15	01/15/10 13:30
3992FARMINF0113100820	0A15061-18	Water	01/13/10 08:20	01/15/10 13:30

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Reviewed and Submitted by:

  
 Michael P. Tyler  
 Laboratory Director



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3994FARMEFF0113100845	0A15061-19	Water	01/13/10 08:45	01/15/10 13:30
3994FARMMID020113100850	0A15061-20	Water	01/13/10 08:50	01/15/10 13:30
3994FARMINF0113100855	0A15061-21	Water	01/13/10 08:55	01/15/10 13:30
3990FARMEFF0113100915	0A15061-22	Water	01/13/10 09:15	01/15/10 13:30
3990FARMMID020113100920	0A15061-23	Water	01/13/10 09:20	01/15/10 13:30
3990FARMINF0113100925	0A15061-24	Water	01/13/10 09:25	01/15/10 13:30
3997FARMEFF0113100945	0A15061-25	Water	01/13/10 09:45	01/15/10 13:30
3997FARMMID020113100950	0A15061-26	Water	01/13/10 09:50	01/15/10 13:30
3997FARMINF0113100955	0A15061-27	Water	01/13/10 09:55	01/15/10 13:30
3983FARMINF0113101615	0A15061-28	Water	01/13/10 16:15	01/15/10 13:30
3994RYEINF0113101645	0A15061-29	Water	01/13/10 16:45	01/15/10 13:30
3992RYEINF0113101705	0A15061-30	Water	01/13/10 17:05	01/15/10 13:30

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3979FARMINF0113100700 **Date/Time Sampled:** 01/13/10 07:00  
**Laboratory Sample ID:** 0A15061-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 16:59	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 16:59	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3979FARMINF0113100700 **Date/Time Sampled:** 01/13/10 07:00  
**Laboratory Sample ID:** 0A15061-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 16:59	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	78.8 %	70-130		01/18/10 16:59	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	87.9 %	70-130		01/18/10 16:59	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3737BLUEINF0113101025 **Date/Time Sampled:** 01/13/10 10:25  
**Laboratory Sample ID:** 0A15061-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 17:37	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 17:37	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3737BLUEINF0113101025 **Date/Time Sampled:** 01/13/10 10:25  
**Laboratory Sample ID:** 0A15061-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 17:37	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>79.0 %</i>	<i>70-130</i>		<i>01/18/10 17:37</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>88.7 %</i>	<i>70-130</i>		<i>01/18/10 17:37</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3998RYEINF0113101055 **Date/Time Sampled:** 01/13/10 10:55  
**Laboratory Sample ID:** 0A15061-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 18:15	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 18:15	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3998RYEINF0113101055 **Date/Time Sampled:** 01/13/10 10:55  
**Laboratory Sample ID:** 0A15061-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 18:15	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>76.1 %</i>	<i>70-130</i>		<i>01/18/10 18:15</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>86.8 %</i>	<i>70-130</i>		<i>01/18/10 18:15</i>	<i>EPA 524.2</i>	<i>wm</i>	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3740BLUEINF0113101115 **Date/Time Sampled:** 01/13/10 11:15  
**Laboratory Sample ID:** 0A15061-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 18:53	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 18:53	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3740BLUEINF0113101115 **Date/Time Sampled:** 01/13/10 11:15  
**Laboratory Sample ID:** 0A15061-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 18:53	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>77.3 %</i>	<i>70-130</i>		<i>01/18/10 18:53</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>87.2 %</i>	<i>70-130</i>		<i>01/18/10 18:53</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3835GREENINF0113101135 **Date/Time Sampled:** 01/13/10 11:35  
**Laboratory Sample ID:** 0A15061-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 20:06	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 20:06	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3835GREENINF0113101135 **Date/Time Sampled:** 01/13/10 11:35  
**Laboratory Sample ID:** 0A15061-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 20:06	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	79.5 %	70-130		01/20/10 20:06	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	83.1 %	70-130		01/20/10 20:06	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3981FARMINF0113101225 **Date/Time Sampled:** 01/13/10 12:25  
**Laboratory Sample ID:** 0A15061-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 20:44	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 20:44	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3981FARMINF0113101225 **Date/Time Sampled:** 01/13/10 12:25  
**Laboratory Sample ID:** 0A15061-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 20:44	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	77.6 %	70-130		01/20/10 20:44	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	83.3 %	70-130		01/20/10 20:44	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3991FARMINF0113101320 **Date/Time Sampled:** 01/13/10 13:20  
**Laboratory Sample ID:** 0A15061-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 19:28	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 19:28	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3991FARMINF0113101320 **Date/Time Sampled:** 01/13/10 13:20  
**Laboratory Sample ID:** 0A15061-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 19:28	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	75.6 %	70-130		01/20/10 19:28	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	82.5 %	70-130		01/20/10 19:28	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** FB0113101335 **Date/Time Sampled:** 01/13/10 13:35

**Laboratory Sample ID:** 0A15061-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 15:25	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 15:25	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** FB0113101335 **Date/Time Sampled:** 01/13/10 13:35

**Laboratory Sample ID:** 0A15061-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 15:25	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.4 %</i>	<i>70-130</i>		<i>01/18/10 15:25</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>67.8 %</i>	<i>70-130</i>		<i>01/18/10 15:25</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** TB0113101340 **Date/Time Sampled:** 01/13/10 13:40

**Laboratory Sample ID:** 0A15061-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 16:03	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 16:03	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** TB0113101340 **Date/Time Sampled:** 01/13/10 13:40

**Laboratory Sample ID:** 0A15061-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 16:03	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>72.0 %</i>	<i>70-130</i>		<i>01/18/10 16:03</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>71.3 %</i>	<i>70-130</i>		<i>01/18/10 16:03</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3985FARMINF0113101515 **Date/Time Sampled:** 01/13/10 15:15  
**Laboratory Sample ID:** 0A15061-10 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 02:23	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 02:23	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3985FARMINF0113101515 **Date/Time Sampled:** 01/13/10 15:15  
**Laboratory Sample ID:** 0A15061-10 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 02:23	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	72.6 %	70-130		01/20/10 02:23	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	80.6 %	70-130		01/20/10 02:23	EPA 524.2	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3739BLUEINF0113101535 **Date/Time Sampled:** 01/13/10 15:35  
**Laboratory Sample ID:** 0A15061-11 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 18:50	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 18:50	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3739BLUEINF0113101535 **Date/Time Sampled:** 01/13/10 15:35  
**Laboratory Sample ID:** 0A15061-11 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 18:50	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	78.0 %	70-130		01/20/10 18:50	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	82.3 %	70-130		01/20/10 18:50	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3993FARMINF0113101550 **Date/Time Sampled:** 01/13/10 15:50  
**Laboratory Sample ID:** 0A15061-12 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 01:53	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 01:53	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3993FARMINF0113101550 **Date/Time Sampled:** 01/13/10 15:50  
**Laboratory Sample ID:** 0A15061-12 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 01:53	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>74.4 %</i>	<i>70-130</i>		<i>01/20/10 01:53</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>83.5 %</i>	<i>70-130</i>		<i>01/20/10 01:53</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3923ROSEEFF0113100715 **Date/Time Sampled:** 01/13/10 07:15  
**Laboratory Sample ID:** 0A15061-13 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 23:24	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/19/10 23:24	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3923ROSEEFF0113100715 **Date/Time Sampled:** 01/13/10 07:15  
**Laboratory Sample ID:** 0A15061-13 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 23:24	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	75.8 %	70-130		01/19/10 23:24	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	82.1 %	70-130		01/19/10 23:24	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3923ROSEMID020113100720 **Date/Time Sampled:** 01/13/10 07:20  
**Laboratory Sample ID:** 0A15061-14 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 16:40	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 16:40	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3923ROSEMID020113100720 **Date/Time Sampled:** 01/13/10 07:20  
**Laboratory Sample ID:** 0A15061-14 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 16:40	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.0 %</i>	<i>70-130</i>		<i>01/18/10 16:40</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>67.2 %</i>	<i>70-130</i>		<i>01/18/10 16:40</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3923ROSEINF0113100725 **Date/Time Sampled:** 01/13/10 07:25  
**Laboratory Sample ID:** 0A15061-15 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 21:25	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 21:25	EPA 524.2	wm	
<b>Diisopropylether (DIPE)</b>	0.980	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	6.52	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3923ROSEINF0113100725 **Date/Time Sampled:** 01/13/10 07:25  
**Laboratory Sample ID:** 0A15061-15 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 21:25	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	77.6 %	70-130		01/18/10 21:25	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	86.5 %	70-130		01/18/10 21:25	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3992FARMEFF0113100810 **Date/Time Sampled:** 01/13/10 08:10  
**Laboratory Sample ID:** 0A15061-16 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 15:58	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	6.36	2.50	ug/l	01/19/10 15:58	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3992FARMEFF0113100810 **Date/Time Sampled:** 01/13/10 08:10  
**Laboratory Sample ID:** 0A15061-16 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 15:58	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>74.2 %</i>	<i>70-130</i>		<i>01/19/10 15:58</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>80.8 %</i>	<i>70-130</i>		<i>01/19/10 15:58</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3992FARMMID020113100815 **Date/Time Sampled:** 01/13/10 08:15  
**Laboratory Sample ID:** 0A15061-17 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 16:28	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	319	2.50	ug/l	01/19/10 16:28	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3992FARMMID020113100815 **Date/Time Sampled:** 01/13/10 08:15  
**Laboratory Sample ID:** 0A15061-17 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 16:28	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	73.8 %	70-130		01/19/10 16:28	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	82.6 %	70-130		01/19/10 16:28	EPA 524.2	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3992FARMINF0113100820 **Date/Time Sampled:** 01/13/10 08:20  
**Laboratory Sample ID:** 0A15061-18 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
<b>Tert-amyl methyl ether</b>	6.50	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 22:03	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	15.6	2.50	ug/l	01/18/10 22:03	EPA 524.2	wm	
<b>Diisopropylether (DIPE)</b>	3.57	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	381	10.0	ug/l	01/19/10 14:23	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3992FARMINF0113100820 **Date/Time Sampled:** 01/13/10 08:20  
**Laboratory Sample ID:** 0A15061-18 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 22:03	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>69.8 %</i>	<i>70-130</i>		<i>01/18/10 22:03</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.6 %</i>	<i>70-130</i>		<i>01/18/10 22:03</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3994FARMEFF0113100845 **Date/Time Sampled:** 01/13/10 08:45  
**Laboratory Sample ID:** 0A15061-19 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 18:26	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	499	2.50	ug/l	01/19/10 18:26	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3994FARMEFF0113100845 **Date/Time Sampled:** 01/13/10 08:45  
**Laboratory Sample ID:** 0A15061-19 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 18:26	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.6 %</i>	<i>70-130</i>		<i>01/19/10 18:26</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.8 %</i>	<i>70-130</i>		<i>01/19/10 18:26</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3994FARMMID020113100850 **Date/Time Sampled:** 01/13/10 08:50  
**Laboratory Sample ID:** 0A15061-20 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 18:56	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/19/10 18:56	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3994FARMMID020113100850 **Date/Time Sampled:** 01/13/10 08:50  
**Laboratory Sample ID:** 0A15061-20 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 18:56	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.1 %</i>	<i>70-130</i>		<i>01/19/10 18:56</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>78.7 %</i>	<i>70-130</i>		<i>01/19/10 18:56</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3994FARMINF0113100855 **Date/Time Sampled:** 01/13/10 08:55  
**Laboratory Sample ID:** 0A15061-21 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
<b>Tert-amyl methyl ether</b>	10.5	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
<b>tert- amyl alcohol</b>	12.8	2.50	ug/l	01/18/10 22:41	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	195	2.50	ug/l	01/18/10 22:41	EPA 524.2	wm	
<b>Diisopropylether (DIPE)</b>	4.08	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	578	10.0	ug/l	01/19/10 13:51	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3994FARMINF0113100855 **Date/Time Sampled:** 01/13/10 08:55  
**Laboratory Sample ID:** 0A15061-21 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 22:41	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>69.8 %</i>	<i>70-130</i>		<i>01/18/10 22:41</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>76.6 %</i>	<i>70-130</i>		<i>01/18/10 22:41</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3990FARMEFF0113100915 **Date/Time Sampled:** 01/13/10 09:15  
**Laboratory Sample ID:** 0A15061-22 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 00:23	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 00:23	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3990FARMEFF0113100915 **Date/Time Sampled:** 01/13/10 09:15  
**Laboratory Sample ID:** 0A15061-22 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 00:23	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>73.1 %</i>	<i>70-130</i>		<i>01/20/10 00:23</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.8 %</i>	<i>70-130</i>		<i>01/20/10 00:23</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3990FARMMID020113100920 **Date/Time Sampled:** 01/13/10 09:20  
**Laboratory Sample ID:** 0A15061-23 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 23:54	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/19/10 23:54	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3990FARMMID020113100920 **Date/Time Sampled:** 01/13/10 09:20  
**Laboratory Sample ID:** 0A15061-23 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 23:54	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>73.6 %</i>	<i>70-130</i>		<i>01/19/10 23:54</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>81.3 %</i>	<i>70-130</i>		<i>01/19/10 23:54</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3990FARMINF0113100925 **Date/Time Sampled:** 01/13/10 09:25  
**Laboratory Sample ID:** 0A15061-24 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
<b>Tert-amyl methyl ether</b>	27.6	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
<b>tert- amyl alcohol</b>	53.0	2.50	ug/l	01/18/10 20:09	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	485	2.50	ug/l	01/18/10 20:09	EPA 524.2	wm	
<b>Diisopropylether (DIPE)</b>	7.47	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
<b>Benzene</b>	0.510	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	1260	10.0	ug/l	01/19/10 14:56	EPA 524.2	wm	

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3990FARMINF0113100925 **Date/Time Sampled:** 01/13/10 09:25  
**Laboratory Sample ID:** 0A15061-24 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 20:09	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.1 %</i>	<i>70-130</i>		<i>01/18/10 20:09</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>77.8 %</i>	<i>70-130</i>		<i>01/18/10 20:09</i>	<i>EPA 524.2</i>	<i>wm</i>	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3997FARMEFF0113100945 **Date/Time Sampled:** 01/13/10 09:45  
**Laboratory Sample ID:** 0A15061-25 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/19/10 19:26	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	6.76	2.50	ug/l	01/19/10 19:26	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3997FARMEFF0113100945 **Date/Time Sampled:** 01/13/10 09:45  
**Laboratory Sample ID:** 0A15061-25 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/19/10 19:26	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	72.3 %	70-130		01/19/10 19:26	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	80.7 %	70-130		01/19/10 19:26	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3997FARMMID020113100950 **Date/Time Sampled:** 01/13/10 09:50  
**Laboratory Sample ID:** 0A15061-26 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 00:53	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	6.76	2.50	ug/l	01/20/10 00:53	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3997FARMMID020113100950 **Date/Time Sampled:** 01/13/10 09:50  
**Laboratory Sample ID:** 0A15061-26 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 00:53	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>73.8 %</i>	<i>70-130</i>		<i>01/20/10 00:53</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>81.8 %</i>	<i>70-130</i>		<i>01/20/10 00:53</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3997FARMINF0113100955 **Date/Time Sampled:** 01/13/10 09:55  
**Laboratory Sample ID:** 0A15061-27 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 20:47	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/18/10 20:47	EPA 524.2	wm	
<b>Diisopropylether (DIPE)</b>	1.35	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	21.5	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3997FARMINF0113100955 **Date/Time Sampled:** 01/13/10 09:55  
**Laboratory Sample ID:** 0A15061-27 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 20:47	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	76.6 %	70-130		01/18/10 20:47	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	85.2 %	70-130		01/18/10 20:47	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3983FARMINF0113101615 **Date/Time Sampled:** 01/13/10 16:15  
**Laboratory Sample ID:** 0A15061-28 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 03:23	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 03:23	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	

Fairway Laboratories, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3983FARMINF0113101615 **Date/Time Sampled:** 01/13/10 16:15  
**Laboratory Sample ID:** 0A15061-28 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 03:23	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>72.4 %</i>	<i>70-130</i>		<i>01/20/10 03:23</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>81.0 %</i>	<i>70-130</i>		<i>01/20/10 03:23</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3994RYEINF0113101645 **Date/Time Sampled:** 01/13/10 16:45  
**Laboratory Sample ID:** 0A15061-29 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 17:34	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 17:34	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3994RYEINF0113101645 **Date/Time Sampled:** 01/13/10 16:45  
**Laboratory Sample ID:** 0A15061-29 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 17:34	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	75.5 %	70-130		01/20/10 17:34	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	83.6 %	70-130		01/20/10 17:34	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3992RYEINF0113101705 **Date/Time Sampled:** 01/13/10 17:05  
**Laboratory Sample ID:** 0A15061-30 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 06:21	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 06:21	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/26/10 17:44
Project Manager: Cari Finch	Number of Containers: 58	

**Client Sample ID:** 3992RYEINF0113101705 **Date/Time Sampled:** 01/13/10 17:05  
**Laboratory Sample ID:** 0A15061-30 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 06:21	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>73.9 %</i>	<i>70-130</i>		<i>01/20/10 06:21</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>84.1 %</i>	<i>70-130</i>		<i>01/20/10 06:21</i>	<i>EPA 524.2</i>	<i>wm</i>	

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.



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Fax: (814) 946-8791  
Page 1 of 4

<b>Client Name:</b> Environmental Alliance <b>Address:</b> 1035 Fairfield Blvd Suite 11 Alltoona, PA 16602 <b>Contact:</b> Carl Eick <b>Phone #:</b> 410-729-1000 <b>Fax #:</b> 410-729-9001 <b>Project Name:</b> Marrowick HSF <b>Quote/PO #:</b> 19534 T.13		<b>Receiving Info</b> <table border="1"> <tr> <td>Y</td> <td>N</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Custody seals</td> <td></td> </tr> <tr> <td>Seals Intact?</td> <td></td> </tr> <tr> <td>Received on ice?</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>COCLabels agree?</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Correct containers?</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Correct preservation?</td> <td></td> </tr> <tr> <td>VOA head space?</td> <td></td> </tr> </table>		Y	N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Custody seals		Seals Intact?		Received on ice?	<input checked="" type="checkbox"/>	COCLabels agree?	<input checked="" type="checkbox"/>	Correct containers?	<input checked="" type="checkbox"/>	Correct preservation?		VOA head space?	
Y	N																				
<input checked="" type="checkbox"/>	<input type="checkbox"/>																				
Custody seals																					
Seals Intact?																					
Received on ice?	<input checked="" type="checkbox"/>																				
COCLabels agree?	<input checked="" type="checkbox"/>																				
Correct containers?	<input checked="" type="checkbox"/>																				
Correct preservation?																					
VOA head space?																					
<b>TAT:</b> Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. <b>Date Required:</b> / /		<b>Sample Temp:</b> Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/> PWSID # _____																			
<b>Signature</b> Sampled by: [Signature] Received by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature] Received by: [Signature]		<b>Date</b> 11/3/10 11/4/10 11/5/10 11/5																			
<b>Time</b> 19:00 17:00 13:30 13:30		<b>Remarks</b>																			
<b>Sample Description/Location</b> 3973E ARMTNF 3737 BLUEJNF 3988 RYEJNF 3740 BLUEJNF 3835 GREENJNF 3981 FARMJNF 3991 FARMJNF FB TB 3985 FARMJNF 3739 BLUEJNF 3993 FARMJNF		<b>Sample Date</b> 11/3/10																			
<b>Sample Time</b> 7:00 10:25 10:55 11:15 11:35 12:25 13:20 13:35 13:40 15:15 15:35 15:50		<b>Grab or Composite</b> Soil _____ Water _____ Other _____ Matrix _____ # of Containers																			
<b>Analyses Requested</b> VOCs, Oxy, naphthalene (524.2)		<b>Bottle Type/Comments</b>																			

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.



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Page 2 of 4

Client Name: <u>Evolution Coastal Alliance</u>		Receiving Info		Please Circle Program		Analyses Requested	
Address: <u>1035 B.F. Field Blvd, Suite H</u> <u>Millsville, MD 21108</u>		Custody seals	Y	N	ACT II	(2) VOCTOX + naptubone (S29.2)	
Contact: <u>Spr. End</u>		Seals Intact?			CERCLA		
Phone #: <u>410-729-9000</u>		Received on ice?	X		RCRA		
Fax #: <u>410-729-9001</u>		COCLabels agree?			NPDDES		
Project Name: <u>Manrowig ESP</u>		Correct containers?			SDWA		
Quote/PO #: <u>1953A T1B</u>		Correct preservation?			CWA	Bottle Type/Comments	
TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		VOA head space?					
Rush TAT subject to pre-approval and surcharge.		Sample Temp:					
Date Required: <u>  /  /  </u>		Reportable to PADEP?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
PWSID # <u>  </u>							
FLI use only	Sample Description/Location	Sample Date	Sample Time	<input checked="" type="checkbox"/> Grab or Composite Soil _____ Water _____ Other _____		# of Containers	
13	3923ROSEEFF	11/3/10	7:15	X	X	2	X
14	3923ROSEMITD02		7:20	X	X	2	X
15	3923ROSEINF		7:25	X	X	2	X
16	3992FARMEFF		8:10	X	X	2	X
17	3992FARM.MITD02		8:15	X	X	2	X
18	3992FARMINF		8:20	X	X	2	X
19	3994FARMEFF		8:45	X	X	2	X
20	3994FARMITD02		8:50	X	X	2	X
21	3994FARMINF		8:55	X	X	2	X
22	3990FARMEFF		9:15	X	X	2	X
23	3990FARMITD02		9:20	X	X	2	X
24	3990FARMINF		9:25	X	X	2	X

White Original - FLI File    Canary - Customer Mailing/Report    Pink - Customer Receipt Copy

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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Client Name: <u>Environmental Alliance</u> Address: <u>1035 Buford Blvd, Suite H</u> <u>Millsboro MD 21108</u> Contact: <u>Carl Fink</u> Phone #: <u>410-729-9000</u> Fax #: <u>410-729-9001</u> Project Name: <u>Marysville RP</u> Quote/PO #: <u>1953A T113</u>		Receiving Info Custody seals Seals Intact? <input type="checkbox"/> Received on ice? <input checked="" type="checkbox"/> COC/Labels agree? <input checked="" type="checkbox"/> Correct containers? <input checked="" type="checkbox"/> Correct preservation? <input type="checkbox"/> VOA head space? <input type="checkbox"/> Sample Temp: _____ Reportable to PADEP? <input type="checkbox"/> Yes <input type="checkbox"/> PWSID # _____		Please Circle Program ACT II CERCLA RCRA NPDES SDWA CWA		Matrix Soil _____ Water _____ Other _____ # of Containers		Analyses Requested <u>VOLATILE + NAPHTHALENE (524.2)</u>		Bottle Type/Comments					
TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. Date Required: ____/____/____		Sample Description/Location <u>377EACMEEF</u> <u>3777EAMMED2</u> <u>3947EAMIVF</u>		Sample Date <u>11/3/10</u>		Sample Time <u>9:45</u> <u>9:50</u> <u>9:55</u>		<input checked="" type="checkbox"/> Grab or Composite <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Other _____		Date <u>11/3/10</u> <u>11/4/10</u> <u>11/5/10</u> <u>11/5</u>		Time <u>17:00</u> <u>17:06</u> <u>13:30</u> <u>13:30</u>		Remarks	
Signature <u>[Signature]</u>		Signature <u>[Signature]</u>		Signature <u>[Signature]</u>		Signature <u>[Signature]</u>		Signature <u>[Signature]</u>		Signature <u>[Signature]</u>		Signature <u>[Signature]</u>		Signature <u>[Signature]</u>	

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.\*





Chain of Custody Receiving Documentation

Receiver Scarphell

Page      of     

revised 11/23/09

Date/Time of this Check: 1/5/10 14:20 Sample Temperature: 24 Client ENV Alliance MD Lab # DA15X01-05

Received at lab on ICE?  Sample Temperature when arrived at Lab: 24 acceptable?   
 Custody Seals? N Intact? N

COCL labels on bottles agree?  Correct containers for all the analysis requested?  Matrix: water

COC #	Number and Type of BOTTLES						VOCs - head space	Specials	Other <input type="checkbox"/> *	Property Preserved <input type="checkbox"/> *	Comments
	Poly Non- Pres.	Poly H2SO4	Poly HNO3	Ambur H2SO4	Ambur Non- Pres.	Poly NiOH					
1											HCL
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											

\* Any 'NO' Client to be contacted:

Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoke \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_

Chain of Custody Receiving Document

Page      of     

revised 11/25/09

Receiver: W. Campbell

Date/Time of this Check: 1/9/10 11:50 Sample Temperature: 24 Client: ENVIRONMENTAL LAB # DA15001-06

Received at lab on ICE?  Sample Temperature when arrived at Lab: 24 Acceptable?   
 Custody Seals? N Intact? N

COCL/Labels on bottles agree?  Correct containers for all the analyses requested?  Matrix: water

COC #	Number and Type of BOTTLES						VOC'S - Lead spore	Special	Specials	Other <input type="checkbox"/> *	Property Preserved <input type="checkbox"/> *	Comments
	Poly Non-Pres	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non- Pres	Poly NaOH						
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
<del>31</del>												
<del>32</del>												

\* Any "NO" Client to be contacted:  
 Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoke: \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3989FARMINF0114100710	0A15063-01	Water	01/14/10 07:10	01/15/10 13:30
3996RYEINF0114100730	0A15063-02	Water	01/14/10 07:30	01/15/10 13:30
3833GREENINF0114100755	0A15063-03	Water	01/14/10 07:55	01/15/10 13:30
3984FARMINF0114100910	0A15063-04	Water	01/14/10 09:10	01/15/10 13:30
3984AFARMINF0114100925	0A15063-05	Water	01/14/10 09:25	01/15/10 13:30
3995FARMINF0114101000	0A15063-06	Water	01/14/10 10:00	01/15/10 13:30
3837GREENINF0114101020	0A15063-07	Water	01/14/10 10:20	01/15/10 13:30
3996FARMEFF0114100815	0A15063-08	Water	01/14/10 08:15	01/15/10 13:30
3996FARMMID020114100820	0A15063-09	Water	01/14/10 08:20	01/15/10 13:30
3996FARMINF0114100825	0A15063-10	Water	01/14/10 08:25	01/15/10 13:30
FB0114100830	0A15063-11	Water	01/14/10 08:30	01/15/10 13:30
TB0114100835	0A15063-12	Water	01/14/10 08:35	01/15/10 13:30

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Reviewed and Submitted by:

Michael P. Tyler  
 Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3989FARMINF0114100710 **Date/Time Sampled:** 01/14/10 07:10  
**Laboratory Sample ID:** 0A15063-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 05:52	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 05:52	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3989FARMINF0114100710 **Date/Time Sampled:** 01/14/10 07:10  
**Laboratory Sample ID:** 0A15063-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 05:52	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	72.5 %	70-130		01/20/10 05:52	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	80.5 %	70-130		01/20/10 05:52	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3996RYEINF0114100730 **Date/Time Sampled:** 01/14/10 07:30  
**Laboratory Sample ID:** 0A15063-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 05:22	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 05:22	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3996RYEINF0114100730 **Date/Time Sampled:** 01/14/10 07:30  
**Laboratory Sample ID:** 0A15063-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 05:22	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	72.6 %	70-130		01/20/10 05:22	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	80.5 %	70-130		01/20/10 05:22	EPA 524.2	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3833GREENINF0114100755 **Date/Time Sampled:** 01/14/10 07:55  
**Laboratory Sample ID:** 0A15063-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 04:52	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 04:52	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3833GREENINF0114100755 **Date/Time Sampled:** 01/14/10 07:55  
**Laboratory Sample ID:** 0A15063-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 04:52	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.8 %</i>	<i>70-130</i>		<i>01/20/10 04:52</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>81.9 %</i>	<i>70-130</i>		<i>01/20/10 04:52</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3984FARMINF0114100910 **Date/Time Sampled:** 01/14/10 09:10  
**Laboratory Sample ID:** 0A15063-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 03:52	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 03:52	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3984FARMINF0114100910 **Date/Time Sampled:** 01/14/10 09:10  
**Laboratory Sample ID:** 0A15063-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 03:52	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.7 %</i>	<i>70-130</i>		<i>01/20/10 03:52</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>79.7 %</i>	<i>70-130</i>		<i>01/20/10 03:52</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3984AFARMINF0114100925 **Date/Time Sampled:** 01/14/10 09:25  
**Laboratory Sample ID:** 0A15063-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 04:22	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 04:22	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3984AFARMINF0114100925 **Date/Time Sampled:** 01/14/10 09:25  
**Laboratory Sample ID:** 0A15063-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 04:22	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>71.2 %</i>	<i>70-130</i>		<i>01/20/10 04:22</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>80.0 %</i>	<i>70-130</i>		<i>01/20/10 04:22</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3995FARMINF0114101000 **Date/Time Sampled:** 01/14/10 10:00  
**Laboratory Sample ID:** 0A15063-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 02:53	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 02:53	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3995FARMINF0114101000 **Date/Time Sampled:** 01/14/10 10:00  
**Laboratory Sample ID:** 0A15063-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 02:53	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>73.7 %</i>	<i>70-130</i>		<i>01/20/10 02:53</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>81.9 %</i>	<i>70-130</i>		<i>01/20/10 02:53</i>	<i>EPA 524.2</i>	<i>wm</i>	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3837GREENINF0114101020 **Date/Time Sampled:** 01/14/10 10:20  
**Laboratory Sample ID:** 0A15063-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 18:13	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 18:13	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3837GREENINF0114101020 **Date/Time Sampled:** 01/14/10 10:20  
**Laboratory Sample ID:** 0A15063-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 18:13	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>77.9 %</i>	<i>70-130</i>		<i>01/20/10 18:13</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>85.0 %</i>	<i>70-130</i>		<i>01/20/10 18:13</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3996FARMEFF0114100815 **Date/Time Sampled:** 01/14/10 08:15  
**Laboratory Sample ID:** 0A15063-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 16:11	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 16:11	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	

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Environmental Alliance  
 1035 Benfield Blvd. Suite H  
 Millersville MD, 21108  
 Project Manager: Cari Finch

Project: MONROVIA BP  
 Project Number: 1953A T13  
 Collector: CLIENT  
 Number of Containers: 22  
**Reported:**  
 01/25/10 08:35

**Client Sample ID:** 3996FARMEFF0114100815 **Date/Time Sampled:** 01/14/10 08:15  
**Laboratory Sample ID:** 0A15063-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 16:11	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>74.1 %</i>	<i>70-130</i>		<i>01/20/10 16:11</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>83.7 %</i>	<i>70-130</i>		<i>01/20/10 16:11</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3996FARMMID020114100820 **Date/Time Sampled:** 01/14/10 08:20  
**Laboratory Sample ID:** 0A15063-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 15:33	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 15:33	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3996FARMMID020114100820 **Date/Time Sampled:** 01/14/10 08:20  
**Laboratory Sample ID:** 0A15063-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 15:33	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>75.0 %</i>	<i>70-130</i>		<i>01/20/10 15:33</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>83.2 %</i>	<i>70-130</i>		<i>01/20/10 15:33</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3996FARMINF0114100825 **Date/Time Sampled:** 01/14/10 08:25  
**Laboratory Sample ID:** 0A15063-10 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/18/10 19:31	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
<b>Tert-butyl alcohol</b>	8.70	2.50	ug/l	01/18/10 19:31	EPA 524.2	wm	
<b>Diisopropylether (DIPE)</b>	2.08	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	38.3	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** 3996FARMINF0114100825 **Date/Time Sampled:** 01/14/10 08:25  
**Laboratory Sample ID:** 0A15063-10 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/18/10 19:31	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>75.4 %</i>	<i>70-130</i>		<i>01/18/10 19:31</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>85.4 %</i>	<i>70-130</i>		<i>01/18/10 19:31</i>	<i>EPA 524.2</i>	<i>wm</i>	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** FB0114100830 **Date/Time Sampled:** 01/14/10 08:30

**Laboratory Sample ID:** 0A15063-11 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 14:18	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 14:18	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID: FB0114100830** **Date/Time Sampled: 01/14/10 08:30**

**Laboratory Sample ID: 0A15063-11 (Water)**

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 14:18	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>75.3 %</i>	<i>70-130</i>		<i>01/20/10 14:18</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>83.5 %</i>	<i>70-130</i>		<i>01/20/10 14:18</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** TB0114100835 **Date/Time Sampled:** 01/14/10 08:35

**Laboratory Sample ID:** 0A15063-12 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 14:56	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 14:56	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	01/25/10 08:35
Project Manager: Cari Finch	Number of Containers: 22	

**Client Sample ID:** TB0114100835 **Date/Time Sampled:** 01/14/10 08:35

**Laboratory Sample ID:** 0A15063-12 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 14:56	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	75.7 %	70-130		01/20/10 14:56	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	83.7 %	70-130		01/20/10 14:56	EPA 524.2	wm	

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.



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Altoona, PA 16602  
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Page 1 of 1

<b>Client Name:</b> Environmental Alliance <b>Address:</b> 1035 Beafield Blvd, Suite H Millersville, MD 21108 <b>Contact:</b> Carl Finch <b>Phone #:</b> 410-729-9000 <b>Fax #:</b> 410-729-9001 <b>Project Name:</b> Monrovia BPF <b>Quote/PO #:</b> 1953A T:13		<b>Receiving Info</b> Y N Custody seals Seals Intact? <input type="checkbox"/> <input checked="" type="checkbox"/> Received on ice? <input type="checkbox"/> <input checked="" type="checkbox"/> COC/Labels agree? <input type="checkbox"/> <input checked="" type="checkbox"/> Correct containers? <input type="checkbox"/> <input checked="" type="checkbox"/> Correct preservation? <input type="checkbox"/> <input checked="" type="checkbox"/> VOA head space? <input type="checkbox"/> <input checked="" type="checkbox"/> Sample Temp: _____ Reportable to PADEP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PWSID # _____		<b>Please Circle Program</b> ACT II CERCLA RCRA NPDES SDWA CWA		<b>Matrix</b> <input type="checkbox"/> Soil <input checked="" type="checkbox"/> Water <input type="checkbox"/> Other _____		<b>Grab or Composite</b> <input type="checkbox"/> Grab <input checked="" type="checkbox"/> Composite		<b># of Containers</b> <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10		<b>Analyses Requested</b> VOCs + naphthalene (5242)		<b>Bottle Type/Comments</b> _____ _____ _____	
FLI use only	Sample Description/Location	Sample Date	Sample Time	Date	Time	Signature	Remarks								
DAIS 063	3989 FARM INF	11/4/10	7:10	11/4/10	17:00	[Signature]									
-01	3986 RYE INF		7:30	11/4/10	17:00	[Signature]									
	3833 GREEN INF		7:55	11/4/10	17:00	[Signature]									
	3984 FARM INF		9:10	11/5/10	13:30	[Signature]									
	3984A FARM INF		9:25	11/5/10	13:30	[Signature]									
	3995 FARM INF		10:00	11/5	13:30	[Signature]									
	3837 GREEN INF		10:20	11/5	13:30	[Signature]									

234567

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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Page 1 of 1

<b>Client Name:</b> Environmental Alliances <b>Address:</b> 10355 B&F Blvd, Suite 411 M. Westover, MD 21108 <b>Contact:</b> Carl Frank <b>Phone #:</b> 410-729-9000 <b>Fax #:</b> 410-729-9001 <b>Project Name:</b> Monrovia BP <b>Quote/PO #:</b> 19534 T.13		<b>Receiving Info</b> Y N Custody seals Seals Intact? <input checked="" type="checkbox"/> <input type="checkbox"/> Received on ice? <input checked="" type="checkbox"/> <input type="checkbox"/> COC labels agree? <input checked="" type="checkbox"/> <input type="checkbox"/> Correct containers? <input checked="" type="checkbox"/> <input type="checkbox"/> Correct preservation? <input type="checkbox"/> <input type="checkbox"/> VOA head space? <input type="checkbox"/> <input type="checkbox"/> Sample Temp: _____ Reportable to PADEP? <input type="checkbox"/> Yes <input type="checkbox"/> No PWSID # _____		<b>Please Circle Program</b> ACT II CERCLA RCRA NPDES SDWA CWA		<b>Grab or Composite</b> Soil <input type="checkbox"/> <input type="checkbox"/> Water <input type="checkbox"/> <input type="checkbox"/> Other _____ <b>Matrix</b> # of Containers		<b>Analyses Requested</b> VOCs + naphthalene (524.2) (2.25)		<b>Bottle Type/Comments</b>   	
FLLI use only	Sample Description/Location	Sample Date	Sample Time	Date	Time	Remarks					
0415063	3996FAEMEF	11/11/10	8:15	11/11/10	7:00		X				
-02	3996FAEMID02		8:20	11/11/10	1700		X				
	3996FAEMINF		8:25	11/11/10	1330		X				
	FB		8:30	11/11/10	13:30		X				
	TB		8:35	11/11/10	1330		X				
By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. *		<b>Signature</b> Sampled by: [Signature] Received by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature] Received by: [Signature]									

Chain of Custody Receiving Documentation

revised 11/25/09

Receiver: W. Stahl

Page      of     

Date/Time of this Check: 11/5/09 14:55 Sample Temperature: 24 Client Env. Alameda MD Lab # QA15063-03

Received at lab on ICBE?  Sample Temperature when arrived at Lab 24 Acceptable?   
 Custody Seals? N Intact? N

COCLabels on bottles agree?  Correct containers for all the analysis requested?  Matrix: Water

COC #	Number and Type of BOTTLES						VOCs - head space	Bact	Specials	Other <input type="checkbox"/> *	Property Preserved <input type="checkbox"/> *	Comments
	Polyl Non- Pres	Polyl H2SO4	Polyl HNO3	Amber H2SO4	Amber Non- Pres	Polyl NaOH						
<u>6570011</u>							<u>HCL</u>					
							<u>2</u>					

\* Any "NO" Client to be contacted:  
 Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoken to: \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW60118101015	0A20047-01	Water	01/18/10 10:15	01/19/10 15:25
MW90118100900	0A20047-02	Water	01/18/10 09:00	01/19/10 15:25
MW100118100945	0A20047-03	Water	01/18/10 09:45	01/19/10 15:25
MW14D0118101130	0A20047-04	Water	01/18/10 11:30	01/19/10 15:25
MW15D0118101215	0A20047-05	Water	01/18/10 12:15	01/19/10 15:25
MW160118101300	0A20047-06	Water	01/18/10 13:00	01/19/10 15:25
MW170118101345	0A20047-07	Water	01/18/10 13:45	01/19/10 15:25
FB0118101400	0A20047-08	Water	01/18/10 14:00	01/19/10 15:25
TB0118101405	0A20047-09	Water	01/18/10 14:05	01/19/10 15:25

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Reviewed and Submitted by:

Michael P. Tyler  
 Laboratory Director



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW60118101015 **Date/Time Sampled:** 01/18/10 10:15  
**Laboratory Sample ID:** 0A20047-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/22/10 21:15	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>87.7 %</i>	<i>70-130</i>		<i>01/22/10 21:15</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 03:22	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>36.9 %</i>	<i>40-140</i>		<i>02/09/10 03:22</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Benzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Toluene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Ethylbenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Isopropylbenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Methyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Naphthalene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
tert- amyl alcohol	<10.0	10.0	ug/l	01/21/10 18:48	EPA 8260B	WM/	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/21/10 18:48	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW60118101015 **Date/Time Sampled:** 01/18/10 10:15

**Laboratory Sample ID:** 0A20047-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Acrylonitrile	<20.0	20.0	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Bromobenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Bromochloromethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Bromodichloromethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Bromoform	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Bromomethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
sec-Butylbenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
tert-Butylbenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
n-Butylbenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Carbon disulfide	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Chlorobenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Chloroethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Chloroform	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Chloromethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
4-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
2-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Dibromochloromethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW60118101015 **Date/Time Sampled:** 01/18/10 10:15

**Laboratory Sample ID:** 0A20047-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Dibromomethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Methylene chloride	<10.0	10.0	ug/l	01/21/10 18:48	EPA 8260B	WM/	
n-Propylbenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW60118101015 **Date/Time Sampled:** 01/18/10 10:15

**Laboratory Sample ID:** 0A20047-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Tetrachloroethene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Trichloroethene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
Vinyl chloride	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
o-Xylene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
m,p-Xylene	<2.00	2.00	ug/l	01/21/10 18:48	EPA 8260B	WM/	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>103 %</i>	<i>70-130</i>		<i>01/21/10 18:48</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.4 %</i>	<i>70-130</i>		<i>01/21/10 18:48</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: Fluorobenzene</i>	<i>104 %</i>	<i>70-130</i>		<i>01/21/10 18:48</i>	<i>EPA 8260B</i>	<i>WM/</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW90118100900 **Date/Time Sampled:** 01/18/10 09:00

**Laboratory Sample ID:** 0A20047-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/22/10 22:18	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>88.0 %</i>	<i>70-130</i>		<i>01/22/10 22:18</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 04:13	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>24.4 %</i>	<i>40-140</i>		<i>02/09/10 04:13</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Benzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Toluene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Ethylbenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Isopropylbenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Methyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Naphthalene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
tert- amyl alcohol	<10.0	10.0	ug/l	01/21/10 16:13	EPA 8260B	WM/	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/21/10 16:13	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW90118100900 **Date/Time Sampled:** 01/18/10 09:00

**Laboratory Sample ID:** 0A20047-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Acrylonitrile	<20.0	20.0	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Bromobenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Bromochloromethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Bromodichloromethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Bromoform	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Bromomethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
sec-Butylbenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
tert-Butylbenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
n-Butylbenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Carbon disulfide	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Chlorobenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Chloroethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Chloroform	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Chloromethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
4-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
2-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Dibromochloromethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW90118100900 **Date/Time Sampled:** 01/18/10 09:00

**Laboratory Sample ID:** 0A20047-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Dibromomethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Methylene chloride	<10.0	10.0	ug/l	01/21/10 16:13	EPA 8260B	WM/	
n-Propylbenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW90118100900 **Date/Time Sampled:** 01/18/10 09:00

**Laboratory Sample ID:** 0A20047-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Tetrachloroethene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Trichloroethene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
Vinyl chloride	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
o-Xylene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
m,p-Xylene	<2.00	2.00	ug/l	01/21/10 16:13	EPA 8260B	WM/	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102 %</i>	<i>70-130</i>		<i>01/21/10 16:13</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.1 %</i>	<i>70-130</i>		<i>01/21/10 16:13</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: Fluorobenzene</i>	<i>102 %</i>	<i>70-130</i>		<i>01/21/10 16:13</i>	<i>EPA 8260B</i>	<i>WM/</i>	



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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 08:28  
 Project Manager: Cari Finch Number of Containers: 38

**Client Sample ID:** MW100118100945 **Date/Time Sampled:** 01/18/10 09:45  
**Laboratory Sample ID:** 0A20047-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/22/10 22:49	EPA 8015	bg	
Surrogate: a,a,a-Trifluorotoluene	87.3 %	70-130		01/22/10 22:49	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 05:03	EPA 8015B-Mod	bg	L10, L12
Surrogate: o-Terphenyl	36.9 %	40-140		02/09/10 05:03	EPA 8015B-Mod	bg	L10, L12

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Benzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Toluene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Ethylbenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Isopropylbenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
<b>Methyl tert-butyl ether</b>	26.0	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Naphthalene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
tert- amyl alcohol	<10.0	10.0	ug/l	01/21/10 17:31	EPA 8260B	WM/	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/21/10 17:31	EPA 8260B	WM/	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 08:28  
 Project Manager: Cari Finch Number of Containers: 38

**Client Sample ID:** MW100118100945 **Date/Time Sampled:** 01/18/10 09:45

**Laboratory Sample ID:** 0A20047-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	2.10	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Acrylonitrile	<20.0	20.0	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Bromobenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Bromochloromethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Bromodichloromethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Bromoform	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Bromomethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
sec-Butylbenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
tert-Butylbenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
n-Butylbenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Carbon disulfide	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Chlorobenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Chloroethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Chloroform	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Chloromethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
4-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
2-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Dibromochloromethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW100118100945 **Date/Time Sampled:** 01/18/10 09:45

**Laboratory Sample ID:** 0A20047-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Dibromomethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Methylene chloride	<10.0	10.0	ug/l	01/21/10 17:31	EPA 8260B	WM/	
n-Propylbenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 08:28  
 Project Manager: Cari Finch Number of Containers: 38

**Client Sample ID:** MW100118100945 **Date/Time Sampled:** 01/18/10 09:45  
**Laboratory Sample ID:** 0A20047-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Tetrachloroethene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Trichloroethene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Vinyl chloride	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
o-Xylene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
m,p-Xylene	<2.00	2.00	ug/l	01/21/10 17:31	EPA 8260B	WM/	
Surrogate: 4-Bromofluorobenzene	101 %	70-130		01/21/10 17:31	EPA 8260B	WM/	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		01/21/10 17:31	EPA 8260B	WM/	
Surrogate: Fluorobenzene	103 %	70-130		01/21/10 17:31	EPA 8260B	WM/	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 08:28  
 Project Manager: Cari Finch Number of Containers: 38

**Client Sample ID:** MW14D0118101130 **Date/Time Sampled:** 01/18/10 11:30

**Laboratory Sample ID:** 0A20047-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/22/10 23:21	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>85.4 %</i>	<i>70-130</i>		<i>01/22/10 23:21</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 09:16	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>32.4 %</i>	<i>40-140</i>		<i>02/09/10 09:16</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Benzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Toluene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Ethylbenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Isopropylbenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
<b>Methyl tert-butyl ether</b>	1080	50.0	ug/l	01/23/10 05:17	EPA 8260B	WM/	
Naphthalene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
<b>tert- amyl alcohol</b>	32.7	10.0	ug/l	01/21/10 19:26	EPA 8260B	WM/	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
<b>Tert-amyl methyl ether</b>	30.6	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
<b>Tert-butyl alcohol</b>	416	10.0	ug/l	01/21/10 19:26	EPA 8260B	WM/	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 08:28  
 Project Manager: Cari Finch Number of Containers: 38

**Client Sample ID:** MW14D0118101130 **Date/Time Sampled:** 01/18/10 11:30  
**Laboratory Sample ID:** 0A20047-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Diisopropylether (DIPE)</b>	11.5	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Acrylonitrile	<20.0	20.0	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Bromobenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Bromochloromethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Bromodichloromethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Bromoform	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Bromomethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
sec-Butylbenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
tert-Butylbenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
n-Butylbenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Carbon disulfide	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Chlorobenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Chloroethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Chloroform	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Chloromethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
4-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
2-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Dibromochloromethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 08:28  
 Project Manager: Cari Finch Number of Containers: 38

**Client Sample ID:** MW14D0118101130 **Date/Time Sampled:** 01/18/10 11:30  
**Laboratory Sample ID:** 0A20047-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Dibromomethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Methylene chloride	<10.0	10.0	ug/l	01/21/10 19:26	EPA 8260B	WM/	
n-Propylbenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW14D0118101130 **Date/Time Sampled:** 01/18/10 11:30  
**Laboratory Sample ID:** 0A20047-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Tetrachloroethene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Trichloroethene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
Vinyl chloride	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
o-Xylene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
m,p-Xylene	<2.00	2.00	ug/l	01/21/10 19:26	EPA 8260B	WM/	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>101 %</i>	<i>70-130</i>		<i>01/21/10 19:26</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>95.4 %</i>	<i>70-130</i>		<i>01/21/10 19:26</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: Fluorobenzene</i>	<i>104 %</i>	<i>70-130</i>		<i>01/21/10 19:26</i>	<i>EPA 8260B</i>	<i>WM/</i>	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW15D0118101215 **Date/Time Sampled:** 01/18/10 12:15  
**Laboratory Sample ID:** 0A20047-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

<b>Gasoline</b>	102	100	ug/l	01/22/10 23:52	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	88.8 %	70-130		01/22/10 23:52	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 10:07	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	38.8 %	40-140		02/09/10 10:07	EPA 8015B-Mod	bg	L10, L12

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Benzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Toluene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Ethylbenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Isopropylbenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
<b>Methyl tert-butyl ether</b>	6520	100	ug/l	01/23/10 10:28	EPA 8260B	WM/	
Naphthalene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
<b>tert- amyl alcohol</b>	188	10.0	ug/l	01/21/10 20:06	EPA 8260B	WM/	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
<b>Tert-amyl methyl ether</b>	100	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
<b>Tert-butyl alcohol</b>	2910	500	ug/l	01/23/10 10:28	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW15D0118101215 **Date/Time Sampled:** 01/18/10 12:15

**Laboratory Sample ID:** 0A20047-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Diisopropylether (DIPE)</b>	91.9	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Acrylonitrile	<20.0	20.0	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Bromobenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Bromochloromethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Bromodichloromethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Bromoform	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Bromomethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
sec-Butylbenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
tert-Butylbenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
n-Butylbenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Carbon disulfide	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Chlorobenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Chloroethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Chloroform	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Chloromethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
4-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
2-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Dibromochloromethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW15D0118101215 **Date/Time Sampled:** 01/18/10 12:15

**Laboratory Sample ID:** 0A20047-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Dibromomethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Methylene chloride	<10.0	10.0	ug/l	01/21/10 20:06	EPA 8260B	WM/	
n-Propylbenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW15D0118101215 **Date/Time Sampled:** 01/18/10 12:15  
**Laboratory Sample ID:** 0A20047-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Tetrachloroethene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Trichloroethene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
Vinyl chloride	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
o-Xylene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
m,p-Xylene	<2.00	2.00	ug/l	01/21/10 20:06	EPA 8260B	WM/	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102 %</i>	<i>70-130</i>		<i>01/21/10 20:06</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.7 %</i>	<i>70-130</i>		<i>01/21/10 20:06</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: Fluorobenzene</i>	<i>104 %</i>	<i>70-130</i>		<i>01/21/10 20:06</i>	<i>EPA 8260B</i>	<i>WM/</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW160118101300 **Date/Time Sampled:** 01/18/10 13:00  
**Laboratory Sample ID:** 0A20047-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/23/10 00:24	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	88.5 %	70-130		01/23/10 00:24	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 10:58	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	40.7 %	40-140		02/09/10 10:58	EPA 8015B-Mod	bg	L10, L12

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Benzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Toluene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Ethylbenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Isopropylbenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Methyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Naphthalene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
tert- amyl alcohol	<10.0	10.0	ug/l	01/21/10 18:10	EPA 8260B	WM/	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/21/10 18:10	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW160118101300 **Date/Time Sampled:** 01/18/10 13:00

**Laboratory Sample ID:** 0A20047-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Acrylonitrile	<20.0	20.0	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Bromobenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Bromochloromethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Bromodichloromethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Bromoform	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Bromomethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
sec-Butylbenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
tert-Butylbenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
n-Butylbenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Carbon disulfide	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Chlorobenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Chloroethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Chloroform	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Chloromethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
4-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
2-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Dibromochloromethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW160118101300 **Date/Time Sampled:** 01/18/10 13:00

**Laboratory Sample ID:** 0A20047-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Dibromomethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Methylene chloride	<10.0	10.0	ug/l	01/21/10 18:10	EPA 8260B	WM/	
n-Propylbenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW160118101300 **Date/Time Sampled:** 01/18/10 13:00  
**Laboratory Sample ID:** 0A20047-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Tetrachloroethene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Trichloroethene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
Vinyl chloride	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
o-Xylene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
m,p-Xylene	<2.00	2.00	ug/l	01/21/10 18:10	EPA 8260B	WM/	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102 %</i>	<i>70-130</i>		<i>01/21/10 18:10</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>95.6 %</i>	<i>70-130</i>		<i>01/21/10 18:10</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: Fluorobenzene</i>	<i>103 %</i>	<i>70-130</i>		<i>01/21/10 18:10</i>	<i>EPA 8260B</i>	<i>WM/</i>	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW170118101345 **Date/Time Sampled:** 01/18/10 13:45  
**Laboratory Sample ID:** 0A20047-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

<b>Gasoline</b>	164	100	ug/l	01/23/10 00:55	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	86.4 %	70-130		01/23/10 00:55	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 11:49	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	31.3 %	40-140		02/09/10 11:49	EPA 8015B-Mod	bg	L10, L12

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Benzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Toluene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Ethylbenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Isopropylbenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
<b>Methyl tert-butyl ether</b>	11600	1250	ug/l	01/23/10 06:36	EPA 8260B	WM/	
Naphthalene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
<b>tert- amyl alcohol</b>	1970	25.0	ug/l	01/21/10 22:27	EPA 8260B	WM/	
tert- amyl ethyl ether	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
<b>Tert-amyl methyl ether</b>	354	50.0	ug/l	01/23/10 09:12	EPA 8260B	WM/	
<b>Tert-butyl alcohol</b>	14600	250	ug/l	01/23/10 09:12	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW170118101345 **Date/Time Sampled:** 01/18/10 13:45

**Laboratory Sample ID:** 0A20047-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Diisopropylether (DIPE)</b>	217	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Ethyl tert-butyl ether	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Acrylonitrile	<50.0	50.0	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Bromobenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Bromochloromethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Bromodichloromethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Bromoform	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Bromomethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
sec-Butylbenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
tert-Butylbenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
n-Butylbenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Carbon disulfide	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Chlorobenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Chloroethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Chloroform	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Chloromethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
4-Chlorotoluene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
2-Chlorotoluene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<25.0	25.0	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Dibromochloromethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW170118101345 **Date/Time Sampled:** 01/18/10 13:45

**Laboratory Sample ID:** 0A20047-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Dibromomethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,2-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,4-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,3-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Dichlorodifluoromethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,2-Dichloroethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,1-Dichloroethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
trans-1,2-Dichloroethene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,1-Dichloroethene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
2,2-Dichloropropane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,3-Dichloropropane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,2-Dichloropropane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,1-Dichloropropene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
p-Isopropyltoluene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Methylene chloride	<25.0	25.0	ug/l	01/21/10 22:27	EPA 8260B	WM/	
n-Propylbenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** MW170118101345 **Date/Time Sampled:** 01/18/10 13:45  
**Laboratory Sample ID:** 0A20047-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Tetrachloroethene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,1,1-Trichloroethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,1,2-Trichloroethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Trichloroethene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Trichlorofluoromethane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
1,2,3-Trichloropropane	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
Vinyl chloride	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
o-Xylene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
m,p-Xylene	<5.00	5.00	ug/l	01/21/10 22:27	EPA 8260B	WM/	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>103 %</i>	<i>70-130</i>		<i>01/21/10 22:27</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.9 %</i>	<i>70-130</i>		<i>01/21/10 22:27</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: Fluorobenzene</i>	<i>103 %</i>	<i>70-130</i>		<i>01/21/10 22:27</i>	<i>EPA 8260B</i>	<i>WM/</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** FB0118101400 **Date/Time Sampled:** 01/18/10 14:00

**Laboratory Sample ID:** 0A20047-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Benzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Toluene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Ethylbenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Isopropylbenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Methyl tert-butyl ether	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Naphthalene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
tert- amyl alcohol	<5.00	5.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
tert- amyl ethyl ether	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Tert-amyl methyl ether	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Tert-butyl alcohol	<5.00	5.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Diisopropylether (DIPE)	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Acrylonitrile	<10.0	10.0	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Bromobenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Bromochloromethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Bromodichloromethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Bromoform	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Bromomethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	

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FAIRWAY LABORATORIES  
 2019 Ninth Avenue  
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 (814) 946-4306 (814) 946-8791 - Fax



Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** FB0118101400 **Date/Time Sampled:** 01/18/10 14:00

**Laboratory Sample ID:** 0A20047-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
tert-Butylbenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
n-Butylbenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Carbon disulfide	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Chlorobenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Chloroethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Chloroform	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Chloromethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
4-Chlorotoluene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
2-Chlorotoluene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Dibromochloromethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Dibromomethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Dichlorodifluoromethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2-Dichloroethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,1-Dichloroethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** FB0118101400 **Date/Time Sampled:** 01/18/10 14:00

**Laboratory Sample ID:** 0A20047-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,1-Dichloroethene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
2,2-Dichloropropane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,3-Dichloropropane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2-Dichloropropane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,1-Dichloropropene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
p-Isopropyltoluene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Methylene chloride	<5.00	5.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
n-Propylbenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Styrene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Tetrachloroethene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,1,2-Trichloroethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** FB0118101400 **Date/Time Sampled:** 01/18/10 14:00

**Laboratory Sample ID:** 0A20047-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Trichloroethene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Trichlorofluoromethane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
Vinyl chloride	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
o-Xylene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
m,p-Xylene	<1.00	1.00	ug/l	01/21/10 20:59	EPA 8260B	WM/	
<i>Surrogate: 4-Bromofluorobenzene</i>	99.5 %	70-130		01/21/10 20:59	EPA 8260B	WM/	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	107 %	70-130		01/21/10 20:59	EPA 8260B	WM/	
<i>Surrogate: Fluorobenzene</i>	107 %	70-130		01/21/10 20:59	EPA 8260B	WM/	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** TB0118101405 **Date/Time Sampled:** 01/18/10 14:05

**Laboratory Sample ID:** 0A20047-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Benzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Toluene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Ethylbenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Isopropylbenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Methyl tert-butyl ether	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Naphthalene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
tert- amyl alcohol	<5.00	5.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
tert- amyl ethyl ether	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Tert-amyl methyl ether	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Tert-butyl alcohol	<5.00	5.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Diisopropylether (DIPE)	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Acrylonitrile	<10.0	10.0	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Bromobenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Bromochloromethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Bromodichloromethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Bromoform	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Bromomethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** TB0118101405 **Date/Time Sampled:** 01/18/10 14:05

**Laboratory Sample ID:** 0A20047-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

sec-Butylbenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
tert-Butylbenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
n-Butylbenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Carbon disulfide	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Chlorobenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Chloroethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Chloroform	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Chloromethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
4-Chlorotoluene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
2-Chlorotoluene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Dibromochloromethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Dibromomethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2-Dichlorobenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,4-Dichlorobenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Dichlorodifluoromethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2-Dichloroethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,1-Dichloroethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 08:28  
 Project Manager: Cari Finch Number of Containers: 38

**Client Sample ID:** TB0118101405 **Date/Time Sampled:** 01/18/10 14:05  
**Laboratory Sample ID:** 0A20047-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

trans-1,2-Dichloroethene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,1-Dichloroethene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
2,2-Dichloropropane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,3-Dichloropropane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2-Dichloropropane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,1-Dichloropropene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
p-Isopropyltoluene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Methylene chloride	<5.00	5.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
n-Propylbenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Styrene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,1,2,2-Tetrachloroethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,1,1,2-Tetrachloroethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Tetrachloroethene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2,4-Trichlorobenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2,3-Trichlorobenzene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,1,1-Trichloroethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,1,2-Trichloroethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

**Client Sample ID:** TB0118101405 **Date/Time Sampled:** 01/18/10 14:05

**Laboratory Sample ID:** 0A20047-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Trichloroethene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Trichlorofluoromethane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
1,2,3-Trichloropropane	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
Vinyl chloride	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
o-Xylene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
m,p-Xylene	<1.00	1.00	ug/l	01/21/10 21:37	EPA 8260B	WM/	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>100 %</i>	<i>70-130</i>		<i>01/21/10 21:37</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>107 %</i>	<i>70-130</i>		<i>01/21/10 21:37</i>	<i>EPA 8260B</i>	<i>WM/</i>	
<i>Surrogate: Fluorobenzene</i>	<i>108 %</i>	<i>70-130</i>		<i>01/21/10 21:37</i>	<i>EPA 8260B</i>	<i>WM/</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 08:28
Project Manager: Cari Finch	Number of Containers: 38	

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**Notes**

- L12 The prep method LCS spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC.
- L10 This sample was analyzed at a dilution due to the matrix. Reporting limits were adjusted accordingly.

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.



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Altoona, PA 16602  
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Fax: (814) 946-8791  
Page 1 of 1

Client Name: Environmental Alliance  
Address: 1035 Buf Old Blvd Suite H  
Millsville MD 21108  
Contact: Car, Field  
Phone #: 410-729-9000  
Fax #: 410-729-9001  
Project Name: Monrow 1A BP  
Quote/PO #: 1953A T.03

Receiving Info Y N  
Custody seals  
Seals intact?  
Received on ice?  
COCLabels agree?  
Correct containers?  
Correct preservation?  
VOA head space?

TAT: Normal  Rush   
Rush TAT subject to pre-approval and surcharge.  
Date Required: / /  
Sample Temp: \_\_\_\_\_  
Reportable to PA/DEP? Yes   
PWSID # \_\_\_\_\_

FLI use only	Sample Description/Location	Sample Date	Sample Time	Please Circle Program			# of Containers	Analyses Requested	Bottle Type/Comments
				ACT II	CERCLA	RORA			
				Soil	Water	Other			
				Matrix					
				Grab or Composite					
1	DEP0047	11/8/10	10:15	X	X		6	VOC+Oxy (8260)	
2	MW6		9:00	X	X		5	TPH/DRO (6R0C8015)	
3	MW9		9:45	X	X		5		
4	MW10		11:30	X	X		5		
5	MW14D		12:15	X	X		5		
6	MW5D		13:00	X	X		5		
7	MW16		13:45	X	X		5		
8	MW17		14:00	X	X		1		
9	FB		14:05	X	X		1		
	TB			X	X				

Signature \_\_\_\_\_  
Received by: [Signature]  
Relinquished by: [Signature]  
Relinquished by: [Signature]  
Received by: [Signature]

Date Time  
11/8/10 17:00  
11/8/10 11:45  
11/9/10 15:25  
1/19 15:25

Remarks



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW20115101030	0A20050-01	Water	01/15/10 10:30	01/19/10 15:25
MW40115101100	0A20050-02	Water	01/15/10 11:00	01/19/10 15:25
MW10115101130	0A20050-03	Water	01/15/10 11:30	01/19/10 15:25
MW50115101200	0A20050-04	Water	01/15/10 12:00	01/19/10 15:25
MW70115101230	0A20050-05	Water	01/15/10 12:30	01/19/10 15:25
MW80115101300	0A20050-06	Water	01/15/10 13:00	01/19/10 15:25
MW110115101430	0A20050-07	Water	01/15/10 14:30	01/19/10 15:25
MW120115101500	0A20050-08	Water	01/15/10 15:00	01/19/10 15:25
MW130115101215	0A20050-09	Water	01/15/10 12:15	01/19/10 15:25

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Reviewed and Submitted by:

Michael P. Tyler  
 Laboratory Director



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW20115101030 **Date/Time Sampled:** 01/15/10 10:30  
**Laboratory Sample ID:** 0A20050-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/23/10 01:27	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>83.4 %</i>	<i>70-130</i>		<i>01/23/10 01:27</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/29/10 19:22	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>21.0 %</i>	<i>40-140</i>		<i>01/29/10 19:22</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Methyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
tert- amyl alcohol	<10.0	10.0	ug/l	01/20/10 18:26	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/20/10 18:26	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW20115101030 **Date/Time Sampled:** 01/15/10 10:30

**Laboratory Sample ID:** 0A20050-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	01/20/10 18:26	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
sec-Butylbenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/20/10 18:26	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW20115101030 **Date/Time Sampled:** 01/15/10 10:30

**Laboratory Sample ID:** 0A20050-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Dibromomethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Hexachlorobutadiene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Methylene chloride	<10.0	10.0	ug/l	01/20/10 18:26	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW20115101030 **Date/Time Sampled:** 01/15/10 10:30

**Laboratory Sample ID:** 0A20050-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

n-Propylbenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	V8
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	V4
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	01/20/10 18:26	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	100 %	70-130		01/20/10 18:26	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.2 %	70-130		01/20/10 18:26	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	103 %	70-130		01/20/10 18:26	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW40115101100 **Date/Time Sampled:** 01/15/10 11:00

**Laboratory Sample ID:** 0A20050-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/23/10 01:58	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>88.0 %</i>	<i>70-130</i>		<i>01/23/10 01:58</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/29/10 20:13	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>21.3 %</i>	<i>40-140</i>		<i>01/29/10 20:13</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	4.36	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
tert- amyl alcohol	<10.0	10.0	ug/l	01/20/10 20:09	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/20/10 20:09	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW40115101100 **Date/Time Sampled:** 01/15/10 11:00

**Laboratory Sample ID:** 0A20050-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	01/20/10 20:09	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
sec-Butylbenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/20/10 20:09	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW40115101100 **Date/Time Sampled:** 01/15/10 11:00

**Laboratory Sample ID:** 0A20050-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Dibromomethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Hexachlorobutadiene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Methylene chloride	<10.0	10.0	ug/l	01/20/10 20:09	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW40115101100 **Date/Time Sampled:** 01/15/10 11:00

**Laboratory Sample ID:** 0A20050-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

n-Propylbenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	V8
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	V4
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	01/20/10 20:09	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	102 %	70-130		01/20/10 20:09	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.3 %	70-130		01/20/10 20:09	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	103 %	70-130		01/20/10 20:09	EPA 8260B	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW10115101130 **Date/Time Sampled:** 01/15/10 11:30  
**Laboratory Sample ID:** 0A20050-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/23/10 02:29	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>88.1 %</i>	<i>70-130</i>		<i>01/23/10 02:29</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/29/10 21:04	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>19.5 %</i>	<i>40-140</i>		<i>01/29/10 21:04</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Methyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
tert- amyl alcohol	<10.0	10.0	ug/l	01/20/10 20:47	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/20/10 20:47	EPA 8260B	wm	

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1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW10115101130 **Date/Time Sampled:** 01/15/10 11:30

**Laboratory Sample ID:** 0A20050-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	01/20/10 20:47	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
sec-Butylbenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/20/10 20:47	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW10115101130 **Date/Time Sampled:** 01/15/10 11:30

**Laboratory Sample ID:** 0A20050-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Dibromomethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Hexachlorobutadiene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Methylene chloride	<10.0	10.0	ug/l	01/20/10 20:47	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW10115101130 **Date/Time Sampled:** 01/15/10 11:30

**Laboratory Sample ID:** 0A20050-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

n-Propylbenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	V8
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	V4
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	01/20/10 20:47	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	102 %	70-130		01/20/10 20:47	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.2 %	70-130		01/20/10 20:47	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	103 %	70-130		01/20/10 20:47	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW50115101200 **Date/Time Sampled:** 01/15/10 12:00

**Laboratory Sample ID:** 0A20050-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/23/10 03:01	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>87.2 %</i>	<i>70-130</i>		<i>01/23/10 03:01</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/29/10 21:55	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>23.2 %</i>	<i>40-140</i>		<i>01/29/10 21:55</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Methyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
tert- amyl alcohol	<10.0	10.0	ug/l	01/20/10 21:25	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/20/10 21:25	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW50115101200 **Date/Time Sampled:** 01/15/10 12:00

**Laboratory Sample ID:** 0A20050-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	01/20/10 21:25	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
sec-Butylbenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/20/10 21:25	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW50115101200 **Date/Time Sampled:** 01/15/10 12:00

**Laboratory Sample ID:** 0A20050-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Dibromomethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Hexachlorobutadiene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Methylene chloride	<10.0	10.0	ug/l	01/20/10 21:25	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW50115101200 **Date/Time Sampled:** 01/15/10 12:00

**Laboratory Sample ID:** 0A20050-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

n-Propylbenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	V8
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	V4
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	01/20/10 21:25	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	102 %	70-130		01/20/10 21:25	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	99.0 %	70-130		01/20/10 21:25	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	103 %	70-130		01/20/10 21:25	EPA 8260B	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW70115101230 **Date/Time Sampled:** 01/15/10 12:30

**Laboratory Sample ID:** 0A20050-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

<b>Gasoline</b>	234	100	ug/l	01/23/10 03:32	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	91.1 %	70-130		01/23/10 03:32	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/29/10 22:47	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	26.6 %	40-140		01/29/10 22:47	EPA 8015B-Mod	bg	L10, L12

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Benzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Toluene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Ethylbenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Isopropylbenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	17400	1250	ug/l	01/23/10 05:55	EPA 8260B	wm	
Naphthalene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
<b>tert- amyl alcohol</b>	1480	250	ug/l	01/23/10 08:33	EPA 8260B	wm	
tert- amyl ethyl ether	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	414	50.0	ug/l	01/23/10 08:33	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	24000	250	ug/l	01/23/10 08:33	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW70115101230 **Date/Time Sampled:** 01/15/10 12:30

**Laboratory Sample ID:** 0A20050-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Diisopropylether (DIPE)</b>	348	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
<b>Ethyl tert-butyl ether</b>	6.90	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Acrylonitrile	<50.0	50.0	ug/l	01/21/10 20:44	EPA 8260B	wm	
Bromobenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Bromochloromethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Bromodichloromethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Bromoform	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Bromomethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
sec-Butylbenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
tert-Butylbenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
n-Butylbenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Carbon disulfide	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Chlorobenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Chloroethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Chloroform	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Chloromethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
4-Chlorotoluene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
2-Chlorotoluene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<25.0	25.0	ug/l	01/21/10 20:44	EPA 8260B	wm	
Dibromochloromethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW70115101230 **Date/Time Sampled:** 01/15/10 12:30

**Laboratory Sample ID:** 0A20050-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Dibromomethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,2-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,4-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,3-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Dichlorodifluoromethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,2-Dichloroethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,1-Dichloroethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
trans-1,2-Dichloroethene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
cis-1,2-Dichloroethene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,1-Dichloroethene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
2,2-Dichloropropane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,3-Dichloropropane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,2-Dichloropropane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
trans-1,3-Dichloropropene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,1-Dichloropropene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
cis-1,3-Dichloropropene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
p-Isopropyltoluene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Methylene chloride	<25.0	25.0	ug/l	01/21/10 20:44	EPA 8260B	wm	
n-Propylbenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW70115101230 **Date/Time Sampled:** 01/15/10 12:30  
**Laboratory Sample ID:** 0A20050-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Tetrachloroethene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,1,1-Trichloroethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,1,2-Trichloroethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Trichloroethene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Trichlorofluoromethane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
1,2,3-Trichloropropane	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
Vinyl chloride	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
o-Xylene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
m,p-Xylene	<5.00	5.00	ug/l	01/21/10 20:44	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>103 %</i>	<i>70-130</i>		<i>01/21/10 20:44</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>95.5 %</i>	<i>70-130</i>		<i>01/21/10 20:44</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: Fluorobenzene</i>	<i>104 %</i>	<i>70-130</i>		<i>01/21/10 20:44</i>	<i>EPA 8260B</i>	<i>wm</i>	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 15:57  
 Project Manager: Cari Finch Number of Containers: 45

**Client Sample ID:** MW80115101300 **Date/Time Sampled:** 01/15/10 13:00  
**Laboratory Sample ID:** 0A20050-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/23/10 04:04	EPA 8015	bg	
Surrogate: a,a,a-Trifluorotoluene	88.6 %	70-130		01/23/10 04:04	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/29/10 23:41	EPA 8015B-Mod	bg	L10, L12
Surrogate: o-Terphenyl	25.3 %	40-140		01/29/10 23:41	EPA 8015B-Mod	bg	L10, L12

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	432	10.0	ug/l	01/21/10 14:18	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
tert- amyl alcohol	<10.0	10.0	ug/l	01/20/10 22:04	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	51.1	10.0	ug/l	01/20/10 22:04	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW80115101300 **Date/Time Sampled:** 01/15/10 13:00

**Laboratory Sample ID:** 0A20050-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Diisopropylether (DIPE)</b>	29.8	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	01/20/10 22:04	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
sec-Butylbenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/20/10 22:04	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW80115101300 **Date/Time Sampled:** 01/15/10 13:00

**Laboratory Sample ID:** 0A20050-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Dibromomethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Hexachlorobutadiene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Methylene chloride	<10.0	10.0	ug/l	01/20/10 22:04	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW80115101300 **Date/Time Sampled:** 01/15/10 13:00

**Laboratory Sample ID:** 0A20050-06 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

n-Propylbenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	V8
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	V4
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	01/20/10 22:04	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	101 %	70-130		01/20/10 22:04	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.2 %	70-130		01/20/10 22:04	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	103 %	70-130		01/20/10 22:04	EPA 8260B	wm	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW110115101430 **Date/Time Sampled:** 01/15/10 14:30  
**Laboratory Sample ID:** 0A20050-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/23/10 04:35	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>87.8 %</i>	<i>70-130</i>		<i>01/23/10 04:35</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/30/10 00:34	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>29.3 %</i>	<i>40-140</i>		<i>01/30/10 00:34</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Methyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
tert- amyl alcohol	<10.0	10.0	ug/l	01/20/10 22:42	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/20/10 22:42	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW110115101430 **Date/Time Sampled:** 01/15/10 14:30

**Laboratory Sample ID:** 0A20050-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	01/20/10 22:42	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
sec-Butylbenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/20/10 22:42	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW110115101430 **Date/Time Sampled:** 01/15/10 14:30

**Laboratory Sample ID:** 0A20050-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Dibromomethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,2-Dichloroethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,1-Dichloroethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,1-Dichloroethene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
2,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,3-Dichloropropane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,2-Dichloropropane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,1-Dichloropropene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Hexachlorobutadiene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
p-Isopropyltoluene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Methylene chloride	<10.0	10.0	ug/l	01/20/10 22:42	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW110115101430 **Date/Time Sampled:** 01/15/10 14:30

**Laboratory Sample ID:** 0A20050-07 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

n-Propylbenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	V8
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	V4
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	01/20/10 22:42	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	98.5 %	70-130		01/20/10 22:42	EPA 8260B	wm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.1 %	70-130		01/20/10 22:42	EPA 8260B	wm	
<i>Surrogate: Fluorobenzene</i>	103 %	70-130		01/20/10 22:42	EPA 8260B	wm	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T03 **Reported:**  
 Millersville MD, 21108 Collector: MM 02/10/10 15:57  
 Project Manager: Cari Finch Number of Containers: 45

**Client Sample ID:** MW120115101500 **Date/Time Sampled:** 01/15/10 15:00  
**Laboratory Sample ID:** 0A20050-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/23/10 05:07	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>87.9 %</i>	<i>70-130</i>		<i>01/23/10 05:07</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	01/30/10 01:27	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	<i>26.2 %</i>	<i>40-140</i>		<i>01/30/10 01:27</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	<i>L10, L12</i>

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Benzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Toluene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Ethylbenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Isopropylbenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Methyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Naphthalene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
tert- amyl alcohol	<10.0	10.0	ug/l	01/21/10 15:34	EPA 8260B	wm	
tert- amyl ethyl ether	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Tert-amyl methyl ether	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Tert-butyl alcohol	<10.0	10.0	ug/l	01/21/10 15:34	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW120115101500 **Date/Time Sampled:** 01/15/10 15:00

**Laboratory Sample ID:** 0A20050-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Diisopropylether (DIPE)	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Ethyl tert-butyl ether	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Acrylonitrile	<20.0	20.0	ug/l	01/21/10 15:34	EPA 8260B	wm	
Bromobenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Bromochloromethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Bromodichloromethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Bromoform	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Bromomethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
sec-Butylbenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
tert-Butylbenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
n-Butylbenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Carbon disulfide	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Chlorobenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Chloroethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Chloroform	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Chloromethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
4-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
2-Chlorotoluene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<10.0	10.0	ug/l	01/21/10 15:34	EPA 8260B	wm	
Dibromochloromethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW120115101500 **Date/Time Sampled:** 01/15/10 15:00

**Laboratory Sample ID:** 0A20050-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time		Method	Analyst	Note
				Reported	Analyzed			

**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
Dibromomethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,2-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,4-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,3-Dichlorobenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
Dichlorodifluoromethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,2-Dichloroethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,1-Dichloroethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
trans-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
cis-1,2-Dichloroethene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,1-Dichloroethene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
2,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,3-Dichloropropane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,2-Dichloropropane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
trans-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
1,1-Dichloropropene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
cis-1,3-Dichloropropene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
Hexachlorobutadiene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
p-Isopropyltoluene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm
Methylene chloride	<10.0	10.0	ug/l	01/21/10 15:34	EPA 8260B	wm

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW120115101500 **Date/Time Sampled:** 01/15/10 15:00

**Laboratory Sample ID:** 0A20050-08 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

n-Propylbenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Styrene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Tetrachloroethene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,1,1-Trichloroethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,1,2-Trichloroethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Trichloroethene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Trichlorofluoromethane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
1,2,3-Trichloropropane	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
Vinyl chloride	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
o-Xylene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
m,p-Xylene	<2.00	2.00	ug/l	01/21/10 15:34	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104 %</i>	<i>70-130</i>		<i>01/21/10 15:34</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.7 %</i>	<i>70-130</i>		<i>01/21/10 15:34</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: Fluorobenzene</i>	<i>103 %</i>	<i>70-130</i>		<i>01/21/10 15:34</i>	<i>EPA 8260B</i>	<i>wm</i>	



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW130115101215 **Date/Time Sampled:** 01/15/10 12:15  
**Laboratory Sample ID:** 0A20050-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

<b>Gasoline</b>	109	100	ug/l	01/23/10 05:38	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	89.5 %	70-130		01/23/10 05:38	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 02:32	EPA 8015B-Mod	bg	L10, L12
<i>Surrogate: o-Terphenyl</i>	25.6 %	40-140		02/09/10 02:32	EPA 8015B-Mod	bg	L10, L12

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,2,4-Trimethylbenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Benzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Toluene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Ethylbenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Isopropylbenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
<b>Methyl tert-butyl ether</b>	5080	250	ug/l	01/23/10 07:14	EPA 8260B	wm	
Naphthalene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
tert- amyl alcohol	<25.0	25.0	ug/l	01/21/10 21:48	EPA 8260B	wm	
tert- amyl ethyl ether	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
<b>Tert-amyl methyl ether</b>	76.8	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
<b>Tert-butyl alcohol</b>	1530	250	ug/l	01/23/10 07:55	EPA 8260B	wm	

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1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW130115101215 **Date/Time Sampled:** 01/15/10 12:15

**Laboratory Sample ID:** 0A20050-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

<b>Diisopropylether (DIPE)</b>	169	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Ethyl tert-butyl ether	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Acrylonitrile	<50.0	50.0	ug/l	01/21/10 21:48	EPA 8260B	wm	
Bromobenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Bromochloromethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Bromodichloromethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Bromoform	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Bromomethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
sec-Butylbenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
tert-Butylbenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
n-Butylbenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Carbon disulfide	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Chlorobenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Chloroethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Chloroform	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Chloromethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
4-Chlorotoluene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
2-Chlorotoluene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,2-Dibromo-3-chloropropane	<25.0	25.0	ug/l	01/21/10 21:48	EPA 8260B	wm	
Dibromochloromethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW130115101215 **Date/Time Sampled:** 01/15/10 12:15

**Laboratory Sample ID:** 0A20050-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,2-Dibromoethane (EDB)	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Dibromomethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,2-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,4-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,3-Dichlorobenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Dichlorodifluoromethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,2-Dichloroethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,1-Dichloroethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
trans-1,2-Dichloroethene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
cis-1,2-Dichloroethene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,1-Dichloroethene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
2,2-Dichloropropane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,3-Dichloropropane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,2-Dichloropropane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
trans-1,3-Dichloropropene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,1-Dichloropropene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
cis-1,3-Dichloropropene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
p-Isopropyltoluene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Methylene chloride	<25.0	25.0	ug/l	01/21/10 21:48	EPA 8260B	wm	
n-Propylbenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers: 45	

**Client Sample ID:** MW130115101215 **Date/Time Sampled:** 01/15/10 12:15  
**Laboratory Sample ID:** 0A20050-09 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Styrene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,1,2,2-Tetrachloroethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,1,1,2-Tetrachloroethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Tetrachloroethene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,2,4-Trichlorobenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,2,3-Trichlorobenzene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,1,1-Trichloroethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,1,2-Trichloroethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Trichloroethene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Trichlorofluoromethane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
1,2,3-Trichloropropane	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
Vinyl chloride	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
o-Xylene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
m,p-Xylene	<5.00	5.00	ug/l	01/21/10 21:48	EPA 8260B	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>103 %</i>	<i>70-130</i>		<i>01/21/10 21:48</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.7 %</i>	<i>70-130</i>		<i>01/21/10 21:48</i>	<i>EPA 8260B</i>	<i>wm</i>	
<i>Surrogate: Fluorobenzene</i>	<i>103 %</i>	<i>70-130</i>		<i>01/21/10 21:48</i>	<i>EPA 8260B</i>	<i>wm</i>	

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Environmental Alliance	Project:	MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number:	1953A T03	<b>Reported:</b>
Millersville MD, 21108	Collector:	MM	02/10/10 15:57
Project Manager: Cari Finch	Number of Containers:	45	

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**Notes**

- V8 LCS value was outside the QC range. Data accepted based on acceptable check standard.
- V4 Check standard was outside the QC range. Data accepted based on acceptable LCS.
- L12 The prep method LCS spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC.
- L10 This sample was analyzed at a dilution due to the matrix. Reporting limits were adjusted accordingly.

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.



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Page 1 of 1

Client Name: <u>Environmental Alliance</u> Address: <u>1035 Bedford Blvd, Suite H</u> <u>Mt. Airy, MD 2108</u> Contact: <u>Pat End</u> Phone #: <u>410-729-9000</u> Fax #: <u>410-729-9001</u> Project Name: <u>Marcella BP</u> Quote/PO #: <u>1953AT03</u>		Receiving Info Y N Custody seals Seals Intact? Received on ice? COC/Labels agree? Correct containers? Correct preservation? VOA head space? Sample Temp:		Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/> PWSID #		Please Circle Program ACT II CERCLA RCRA NPDES SDWA CWA		Matrix # of Containers		Analyses Requested		Bottle Type/Comments	
TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. Date Required: / /		Sample Description/Location		Sample Date		Sample Time		Grab or Composite Soil <input type="checkbox"/> Water <input type="checkbox"/> Other <input type="checkbox"/>		VOC+oxy (8260) TPH-DRO/GRO (8015)			
FLL use only		MW2 MW4 MW1 MW5 MW7 MW8 MW11 MW12 MW13		11/5/10		10:30 11:00 11:30 12:00 12:30 13:00 14:30 15:00 12:15		X X X X X X X X X		X X X X X X X X			
Signature Received by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Received by: <u>[Signature]</u>		Date 11/5/10 11/8/10 11/8/10 11/9		Time 17:00 11:45 13:25 15:25		Remarks							



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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FR9412330115100805	0A20051-01	Water	01/15/10 08:05	01/19/10 15:25
FR9412810115100810	0A20051-02	Water	01/15/10 08:10	01/19/10 15:25
FB0115100815	0A20051-03	Water	01/15/10 08:15	01/19/10 15:25
TB0115100820	0A20051-04	Water	01/15/10 08:20	01/19/10 15:25

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Reviewed and Submitted by:

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Michael P. Tyler  
 Laboratory Director



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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** FR9412330115100805 **Date/Time Sampled:** 01/15/10 08:05  
**Laboratory Sample ID:** 0A20051-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/25/10 18:38	EPA 8015	bg	
Surrogate: a,a,a-Trifluorotoluene	92.1 %	70-130		01/25/10 18:38	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 21:02	EPA 8015B-Mod	bg	MS
Surrogate: o-Terphenyl	29.0 %	40-140		02/09/10 21:02	EPA 8015B-Mod	bg	L10, L12

**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 21:59	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 21:59	EPA 524.2	wm	
<b>Diisopropylether (DIPE)</b>	0.600	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	

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 Altoona, Pennsylvania 16603  
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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** FR9412330115100805 **Date/Time Sampled:** 01/15/10 08:05

**Laboratory Sample ID:** 0A20051-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	0.660	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Styrene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 21:59	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	77.2 %	70-130		01/20/10 21:59	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	81.9 %	70-130		01/20/10 21:59	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** FR9412810115100810 **Date/Time Sampled:** 01/15/10 08:10

**Laboratory Sample ID:** 0A20051-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/25/10 19:41	EPA 8015	bg	
Surrogate: a,a,a-Trifluorotoluene	92.0 %	70-130		01/25/10 19:41	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/09/10 23:38	EPA 8015B-Mod	bg	L10, L12
Surrogate: o-Terphenyl	31.1 %	40-140		02/09/10 23:38	EPA 8015B-Mod	bg	

**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 22:53	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 22:53	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	

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Environmental Alliance Project: MONROVIA BP (PLAZA)  
 1035 Benfield Blvd. Suite H Project Number: 1953A T07 **Reported:**  
 Millersville MD, 21108 Collector: CLIENT 02/11/10 15:27  
 Project Manager: Cari Finch Number of Containers: 13

**Client Sample ID:** FR9412810115100810 **Date/Time Sampled:** 01/15/10 08:10

**Laboratory Sample ID:** 0A20051-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	1.23	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Styrene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 22:53	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	74.0 %	70-130		01/20/10 22:53	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	82.8 %	70-130		01/20/10 22:53	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** FB0115100815 **Date/Time Sampled:** 01/15/10 08:15

**Laboratory Sample ID:** 0A20051-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/20/10 23:30	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/20/10 23:30	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** FB0115100815 **Date/Time Sampled:** 01/15/10 08:15

**Laboratory Sample ID:** 0A20051-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/20/10 23:30	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>74.8 %</i>	<i>70-130</i>		<i>01/20/10 23:30</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>82.7 %</i>	<i>70-130</i>		<i>01/20/10 23:30</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** TB0115100820 **Date/Time Sampled:** 01/15/10 08:20

**Laboratory Sample ID:** 0A20051-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/21/10 18:09	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/21/10 18:09	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

**Client Sample ID:** TB0115100820 **Date/Time Sampled:** 01/15/10 08:20

**Laboratory Sample ID:** 0A20051-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/21/10 18:09	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>77.4 %</i>	<i>70-130</i>		<i>01/21/10 18:09</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>85.1 %</i>	<i>70-130</i>		<i>01/21/10 18:09</i>	<i>EPA 524.2</i>	<i>wm</i>	



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Environmental Alliance	Project: MONROVIA BP (PLAZA)	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/11/10 15:27
Project Manager: Cari Finch	Number of Containers: 13	

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**Notes**

- MS The spike recovery was outside acceptance limits for the MS and/or MSD due to sample matrix interferences. The batch was accepted based on acceptable CCV recovery.
- L12 The prep method LCS spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC.
- L10 This sample was analyzed at a dilution due to the matrix. Reporting limits were adjusted accordingly.





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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/27/10 08:25
Project Manager: Cari Finch	Number of Containers: 4	

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3998FARMINF0115100840	0A20052-01	Water	01/15/10 08:40	01/19/10 15:25
3987FARMINF0115101015	0A20052-02	Water	01/15/10 10:15	01/19/10 15:25

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Reviewed and Submitted by:

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Michael P. Tyler  
Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/27/10 08:25
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** 3998FARMINF0115100840 **Date/Time Sampled:** 01/15/10 08:40  
**Laboratory Sample ID:** 0A20052-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/21/10 16:54	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/21/10 16:54	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/27/10 08:25
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** 3998FARMINF0115100840 **Date/Time Sampled:** 01/15/10 08:40  
**Laboratory Sample ID:** 0A20052-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/21/10 16:54	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>76.9 %</i>	<i>70-130</i>		<i>01/21/10 16:54</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>84.7 %</i>	<i>70-130</i>		<i>01/21/10 16:54</i>	<i>EPA 524.2</i>	<i>wm</i>	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/27/10 08:25
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** 3987FARMINF0115101015 **Date/Time Sampled:** 01/15/10 10:15  
**Laboratory Sample ID:** 0A20052-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/21/10 17:32	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/21/10 17:32	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T13	<b>Reported:</b>
Millersville MD, 21108	Collector: MM	01/27/10 08:25
Project Manager: Cari Finch	Number of Containers: 4	

**Client Sample ID:** 3987FARMINF0115101015 **Date/Time Sampled:** 01/15/10 10:15  
**Laboratory Sample ID:** 0A20052-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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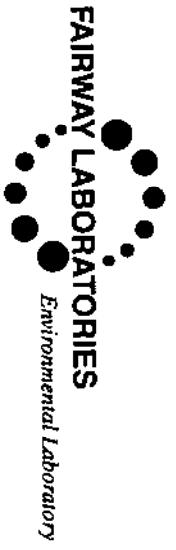
**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/21/10 17:32	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>77.8 %</i>	<i>70-130</i>		<i>01/21/10 17:32</i>	<i>EPA 524.2</i>	<i>wm</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>86.7 %</i>	<i>70-130</i>		<i>01/21/10 17:32</i>	<i>EPA 524.2</i>	<i>wm</i>	



# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.



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Page 1 of 1

Client Name: <u>Fairway Coastal Alliance</u>		Receiving Info		Please Circle Program		Analyses Requested	
Address: <u>1035 Bestfield Blvd Suite H Millersville, MD 21108</u>		Custody seals	Y	N	ACT II	VOC+Oxy+naphthalene (524.2)	
Contact: <u>Sgt. Frank</u>		Seals Intact?			CERCLA		
Phone #: <u>410-729-9000</u>		Received on ice?			RCRA		
Fax #: <u>410-729-9001</u>		COC/Labels agree?			NPDES		
Project Name: <u>Moccasin BP</u>		Correct containers?			SDWA		
Quote/PO #: <u>19534 T113</u>		Correct preservation?			CWA		
TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		VOA head space?			Matrix		
Rush TAT subject to pre-approval and surcharge.		Reportable to PADEP?	Yes	No	Soil		
Date Required: <u>1/15/10</u>		PWSID #			Water		
FLI use only		Sample Description/Location	Sample Date	Sample Time	Other	# of Containers	Bottle Type/Comments
	<u>0A20052</u>	<u>399RFAPMINE</u>	<u>11/5/10</u>	<u>8:40</u>		<u>2</u>	
	<u>-01</u>	<u>3987FAPMINE</u>	<u>11/5/10</u>	<u>10:15</u>		<u>2</u>	
By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.*		Signature	Date	Time	Remarks		
		<u>[Signature]</u>	<u>11/5/10</u>	<u>17:00</u>			
		Received by: <u>[Signature]</u>	<u>11/9/10</u>	<u>15:25</u>			
		Relinquished by: <u>[Signature]</u>	<u>11/9/10</u>	<u>15:25</u>			

Chain of Custody Receiving Document

Receiver: W Campbell

Page      of     

revised 11/25/09

Date/Time of this Check: 1/30/10 11:27 Sample Temperature: 3.2 Client: Env. Alliance Lab # DA20052-62

Received at lab on ICE?  Sample Temperature when arrived at Lab: 2.4 Acceptable?

Custody Seals? N Intact? N

COC/Labels on bottles agree?  Correct containers for all the analysis requested?  Matrix: 123456

COC #	Number and Type of BOTTLES										Comments	
	Poly Non-Pres	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres	Poly NaOH	VOC'S - (head space)	Bact	Specials	Other		Properly Preserved
1							2			<input type="checkbox"/> *	<input type="checkbox"/> *	
2							2			<input type="checkbox"/> *	<input type="checkbox"/> *	

\* Any "NO" Client to be contacted:

Client contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Name of Client spoken to: \_\_\_\_\_  
 Discussion and Outcome: \_\_\_\_\_

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Environmental Alliance  
1035 Benfield Blvd. Suite H  
Millersville MD, 21108  
Project Manager: Cari Finch

Project: MONROVIA BP  
Project Number: 1953A T07  
Collector: CLIENT  
Number of Containers: 18

**Reported:**  
02/05/10 14:14

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GVPOETEFF0125101000	0A26022-01	Water	01/25/10 10:00	01/26/10 15:20
GVPOETMID0125101015	0A26022-02	Water	01/25/10 10:15	01/26/10 15:20
GVPOETINF0125101030	0A26022-03	Water	01/25/10 10:30	01/26/10 15:20
FB0125101040	0A26022-04	Water	01/25/10 10:40	01/26/10 15:20
TB0125101045	0A26022-05	Water	01/25/10 10:45	01/26/10 15:20

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Reviewed and Submitted by:

  
Michael P. Tyler  
Laboratory Director

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** GVPOETEFF0125101000 **Date/Time Sampled:** 01/25/10 10:00  
**Laboratory Sample ID:** 0A26022-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/27/10 15:46	EPA 8015	bg	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>90.4 %</i>	<i>70-130</i>		<i>01/27/10 15:46</i>	<i>EPA 8015</i>	<i>bg</i>	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/02/10 05:59	EPA 8015B-Mod	bg	L10
<i>Surrogate: o-Terphenyl</i>	<i>34.5 %</i>	<i>40-140</i>		<i>02/02/10 05:59</i>	<i>EPA 8015B-Mod</i>	<i>bg</i>	

**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/29/10 21:25	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/29/10 21:25	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** GVPOETEFF0125101000 **Date/Time Sampled:** 01/25/10 10:00  
**Laboratory Sample ID:** 0A26022-01 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

1,2-Dichloroethane	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Styrene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/29/10 21:25	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	85.3 %	70-130		01/29/10 21:25	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	92.8 %	70-130		01/29/10 21:25	EPA 524.2	wm	

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Environmental Alliance Project: MONROVIA BP  
 1035 Benfield Blvd. Suite H Project Number: 1953A T07 **Reported:**  
 Millersville MD, 21108 Collector: CLIENT 02/05/10 14:14  
 Project Manager: Cari Finch Number of Containers: 18

**Client Sample ID:** GVPOETMID0125101015 **Date/Time Sampled:** 01/25/10 10:15  
**Laboratory Sample ID:** 0A26022-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/27/10 16:17	EPA 8015	bg	
Surrogate: a,a,a-Trifluorotoluene	90.9 %	70-130		01/27/10 16:17	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/02/10 06:52	EPA 8015B-Mod	bg	L10
Surrogate: o-Terphenyl	28.2 %	40-140		02/02/10 06:52	EPA 8015B-Mod	bg	

**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/29/10 22:04	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/29/10 22:04	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** GVPOETMID0125101015 **Date/Time Sampled:** 01/25/10 10:15  
**Laboratory Sample ID:** 0A26022-02 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

1,2-Dichloroethane	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Styrene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/29/10 22:04	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	88.7 %	70-130		01/29/10 22:04	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	95.8 %	70-130		01/29/10 22:04	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** GVPOETINF0125101030 **Date/Time Sampled:** 01/25/10 10:30  
**Laboratory Sample ID:** 0A26022-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Volatile Petroleum Hydrocarbons by 8015 GRO**

Gasoline	<100	100	ug/l	01/27/10 16:49	EPA 8015	bg	
Surrogate: a,a,a-Trifluorotoluene	91.2 %	70-130		01/27/10 16:49	EPA 8015	bg	

**Extractable Petroleum Hydrocarbons by 8015**

Diesel	<300	300	ug/l	02/02/10 07:46	EPA 8015B-Mod	bg	L10, MS
Surrogate: o-Terphenyl	27.8 %	40-140		02/02/10 07:46	EPA 8015B-Mod	bg	

**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/29/10 22:42	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/29/10 22:42	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	

Fairway Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** GVPOETINF0125101030 **Date/Time Sampled:** 01/25/10 10:30  
**Laboratory Sample ID:** 0A26022-03 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

1,2-Dichloroethane	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
<b>Methyl tert-butyl ether</b>	0.860	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Styrene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/29/10 22:42	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	87.0 %	70-130		01/29/10 22:42	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	95.4 %	70-130		01/29/10 22:42	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** FB0125101040 **Date/Time Sampled:** 01/25/10 10:40

**Laboratory Sample ID:** 0A26022-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/29/10 23:21	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/29/10 23:21	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** FB0125101040 **Date/Time Sampled:** 01/25/10 10:40

**Laboratory Sample ID:** 0A26022-04 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/29/10 23:21	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	88.4 %	70-130		01/29/10 23:21	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	95.0 %	70-130		01/29/10 23:21	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** TB0125101045 **Date/Time Sampled:** 01/25/10 10:45

**Laboratory Sample ID:** 0A26022-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Ethyl tert-butyl ether	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
tert- amyl alcohol	<2.50	2.50	ug/l	01/30/10 00:00	EPA 524.2	wm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Tert-butyl alcohol	<2.50	2.50	ug/l	01/30/10 00:00	EPA 524.2	wm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Benzene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Carbon tetrachloride	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Chlorobenzene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Naphthalene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
1,2-Dichlorobenzene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
1,2-Dichloroethane	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
1,1-Dichloroethene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
1,2-Dichloropropane	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Ethylbenzene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Methylene chloride	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Methyl tert-butyl ether	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

**Client Sample ID:** TB0125101045 **Date/Time Sampled:** 01/25/10 10:45

**Laboratory Sample ID:** 0A26022-05 (Water)

Analyte	Result	Laboratory Reporting Limit	Units	Date / Time Analyzed	Method	Analyst	Note
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**Purgeable Organic Compounds by EPA Method 524.2**

Styrene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Tetrachloroethene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Toluene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
1,2,4-Trichlorobenzene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
1,1,2-Trichloroethane	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
1,1,1-Trichloroethane	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Trichloroethene	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Vinyl chloride	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
Xylenes (total)	<0.500	0.500	ug/l	01/30/10 00:00	EPA 524.2	wm	
<i>Surrogate: 4-Bromofluorobenzene</i>	88.4 %	70-130		01/30/10 00:00	EPA 524.2	wm	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	95.0 %	70-130		01/30/10 00:00	EPA 524.2	wm	

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Environmental Alliance	Project: MONROVIA BP	
1035 Benfield Blvd. Suite H	Project Number: 1953A T07	<b>Reported:</b>
Millersville MD, 21108	Collector: CLIENT	02/05/10 14:14
Project Manager: Cari Finch	Number of Containers: 18	

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**Notes**

- MS The spike recovery was outside acceptance limits for the MS and/or MSD due to sample matrix interferences. The batch was accepted based on acceptable CCV recovery.
- L12 The prep method LCS spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC.
- L10 This sample was analyzed at a dilution due to the matrix. Reporting limits were adjusted accordingly.

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS



2019 9th Ave.  
P.O. Box 1925  
Altoona, PA 16602

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Fax: (814) 946-8791  
Page 1 of 1

Please print. See back of COC for instructions/terms and conditions.

<b>Client Name:</b> Env Environmental Alliance <b>Address:</b> 1035 Bedford Blvd SW M. Way, MD 2108 <b>Contact:</b> Carl Fink <b>Phone #:</b> 410-729-9000 <b>Fax #:</b> 410-729-9001 <b>Project Name:</b> Maryland BP <b>Quote/PO #:</b> 19534 T.07		<b>Receiving Info</b> <table border="1"> <tr> <td>Custody seals</td> <td>Y</td> <td>N</td> </tr> <tr> <td>Seals Intact?</td> <td></td> <td></td> </tr> <tr> <td>Received on ice?</td> <td></td> <td></td> </tr> <tr> <td>COCLabels agree?</td> <td></td> <td></td> </tr> <tr> <td>Correct containers?</td> <td></td> <td></td> </tr> <tr> <td>Correct preservation?</td> <td></td> <td></td> </tr> <tr> <td>VOA head space?</td> <td></td> <td></td> </tr> </table>		Custody seals	Y	N	Seals Intact?			Received on ice?			COCLabels agree?			Correct containers?			Correct preservation?			VOA head space?		
Custody seals	Y	N																						
Seals Intact?																								
Received on ice?																								
COCLabels agree?																								
Correct containers?																								
Correct preservation?																								
VOA head space?																								
<b>TAT: Normal</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> Rush TAT subject to pre-approval and surcharge. <b>Date Required:</b> 1/1/		Reportable to PADEP? Yes <input type="checkbox"/> PWSID # _____																						
<b>Sample Description/Location</b> OAL022 -01 GVPOETEEF GVP0ETMID GVP0ETINE FB TB	<b>Sample Date</b> 1/25/10	<b>Sample Time</b> 10:00 10:15 10:30 10:40 10:45	<b>Please Circle Program</b> ACT II CERCLA RCRA NPDES SDWA CWA																					
			Matrix _____ # of Containers																					
			Grab or Composite _____ Soil _____ Water _____ Other _____																					
			Analyses Requested VOCxOxytnapthalene (524.2) TPH-DRO/GRO (8015)																					
			Bottle Type/Comments																					
<b>Signature</b> Received by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		<b>Date</b> 1/25/10 1-26-10 1-26-10	<b>Time</b> 17:00 1240 1520																					
<b>Remarks</b>																								





**ATTACHMENT II**

**SOIL BORING LOGS AND MONITORING WELL  
CONSTRUCTION RECORDS, MW-14D THROUGH MW-17**



## Log of Boring: MW-14D

**Date Started:** 09/24/09  
**Date Completed:** 09/24/09  
**Total Depth (ft):** 273.00  
**Boring Diameter (in):** 12"/8"  
**Bedrock Depth (ft):** 50  
**Elevation (ft-msl):** N/A  
**Remark:** N/A

**Project Code:** 1953  
**Project Name:** Green Valley Citgo  
**Drilled By:** Eichelbergers  
**Logged By:** Megan Brown  
**Drill Rig:** Schramm T450  
**Drill Method:** Air Rotary  
**Sampling Method:** Cuttings

Depth	Sample Number	Sample Interval	Recovery (inches)	PID	Lithological Description	Interpreted Lithology	Well Construction	Comments
0					UNKNOWN: Top Soil			Air knifed & vacuum extracted soil to 3.25' bgs before refusal
-5				0.0	ML: Brown silt; very micaceous, with some weathered phyllite fragments			
-10				0.0				
-15								
-20					SAPROLITE: Saprolite weathered phyllite with relict structures, 2.75-10.75' Brown, 10.75-23' Red/orange brown, 23-50' brown & orange-brown 48' soft zone			10.5' of 8" diameter; 3/8" thick, steel casing set at 10.75' bgs & grouted in place
-25				0.0				
-30								
-35								
-40								
-45								
-50								
-55				0.0	BEDROCK: Phyllite, 50-51' grey, 51-74' Brown, orange, yellow/orange, 74-273' Competent bedrock; soft directly above, almost completely phyllite rock fragments in cuttings. 83' free water is observed; blue-grey cuttings, small phyllite fragmetns with little quartz. 124' little brown phyllite fragments, 126' blue-grey, 150' amount of quartz fragments increase. 164-170' brown. 170-190' blue-grey, 190-203' purple-grey, 199' possible small fracture, 203' green mineral, 223' orange phyllite large rock fragments. 239-257' blue-grey, decreased amount of orange phyllite fragments; increase in amount of quartz. 257' cuttings become very fine grained, groundwater is very silty; blue-grey.			
-60				0.0				
-65								
-70				0.0				
-75								
-80								
-85				0.0				
-90								
-95								
-100								
-105								
-110								
-115				0.0				
-120								
-125				0.0				
-130								
-135								
-140				0.0				










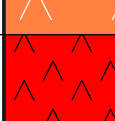
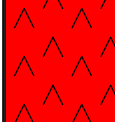
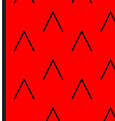
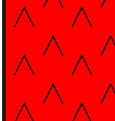
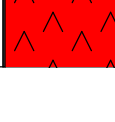





## Log of Boring: MW-15D

**Date Started:** 09/28/09  
**Date Completed:** 09/28/09  
**Total Depth (ft):** 132.00  
**Boring Diameter (in):** 12"/8"  
**Bedrock Depth (ft):** 43'  
**Elevation (ft-msl):** N/A  
**Remark:** N/A

**Project Code:** 1953  
**Project Name:** Green Valley Citgo  
**Drilled By:** Eichelbergers  
**Logged By:** Megan Brown  
**Drill Rig:** Schramm T450WS  
**Drill Method:** Air Rotary  
**Sampling Method:** Cuttings

Depth	Sample Number	Sample Interval	Recovery (inches)	PID	Lithological Description	Interpreted Lithology	Well Construction	Comments
0					ASPHALT			
-5				0.0	ML: Brown, very micaceous silt; some weathered phyllite; dry			Air knifed & vacuum clear soil to 3' bgs before native material too hard to clear
-10				0.0	SAPROLITE: Saprolite brown, weathered phyllite; phyllitic structures; very micaceous. 2' medium to large rock fragments, 5' rock fragment size decreases			
-15				0.0				10' of 8" diameter; 3/8" thick, steel casing set at 10.5' bgs & grouted in place
-20				0.0				
-25				0.0				
-30				0.0				
-35				0.0				
-40				0.0				
-45				0.0	BEDROCK: Bedrock; grey phyllite. 43-50.5' tan & brown; medium rock fragments 50.5-57.5' orange-brown; brown; yellow-brown silty cuttings with small rock fragments. 57.5-71' brown with larger rock fragments 61-61.5' red/orange-brown. 71-132' competent bedrock-slower drilling; grey with larger rock fragments. 75' very silty free water. 77' free water is more abundant but silty. 83' free water becomes less silty. 85' no silt; little quartz. 83-88' slower drilling; 91' trace orange phyllite fragments			
-50				0.0				
-55				0.0				
-60				0.0				
-65				0.0				



**Log of Boring: MW-15D**

**Date Started:** 09/28/09  
**Date Completed:** 09/28/09  
**Total Depth (ft):** 132.00  
**Boring Diameter (in):** 12"/8"  
**Bedrock Depth (ft):** 43'  
**Elevation (ft-msl):** N/A  
**Remark:** N/A

**Project Code:** 1953  
**Project Name:** Green Valley Citgo  
**Drilled By:** Eichelbergers  
**Logged By:** Megan Brown  
**Drill Rig:** Schramm T450WS  
**Drill Method:** Air Rotary  
**Sampling Method:** Cuttings

Depth	Sample Number	Sample Interval	Recovery (inches)	PID	Lithological Description	Interpreted Lithology	Well Construction	Comments
-70								
-75				0.0 0.0				
-80								
-85				0.0				
-90								
-95								
-100								
-105				0.0				
-110								
-115								
-120								
-125								
-130								



## Log of Boring: MW-16

**Date Started:** 09/21/09  
**Date Completed:** 09/21/09  
**Total Depth (ft):** 120.00  
**Boring Diameter (in):** 12"/8"  
**Bedrock Depth (ft):** N/A  
**Elevation (ft-msl):** N/A  
**Remark:** N/A

**Project Code:** 1953  
**Project Name:** Green Valley Citgo  
**Drilled By:** Eichelbergers  
**Logged By:** Megan Brown  
**Drill Rig:** Schramm T450WS  
**Drill Method:** Air Rotary  
**Sampling Method:** Cuttings

Depth	Sample Number	Sample Interval	Recovery (inches)	PID	Lithological Description	Interpreted Lithology	Well Construction	Comments
0								
-5				0.0	ML: Brown, very micaceous silt with small phyllite rock fragments, dry			Air knifed & vacuum extracted soil to 4.5' bgs before refusal
-10				0.0	SAPROLITE: Weathered phyllite, crushes to micaceous silt 2-31 dry 2-6 brown 6-8 dark brown 8-21 orange-brown			
-15				0.0				9.57' of 8" diameter; 3/8" thick, steel casing set at 11.25' bgs & grouted in place
-20				0.0				
-25				0.0				
-30				0.0				
-35					BEDROCK: Bedrock-phyllite 31-34.5' grey, 34.5-35.5' brown-grey 35.5-51.5 brown; orange-brown & tan. 51.5-52.5' grey-brown 52.5-53 dark brown 53-57.5' brown & orange-brown, 54' first water 57.5-61 red/orange-brown 61-85' browns, tan; orange-brown, 68' soft zone; possible water bearing fracture			
-40				0.0				
-45				0.0				
-50				0.0				
-55				0.0				
-60				0.0				
-65				0.0				



**Log of Boring: MW-16**

**Date Started:** 09/21/09  
**Date Completed:** 09/21/09  
**Total Depth (ft):** 120.00  
**Boring Diameter (in):** 12"/8"  
**Bedrock Depth (ft):** N/A  
**Elevation (ft-msl):** N/A  
**Remark:** N/A

**Project Code:** 1953  
**Project Name:** Green Valley Citgo  
**Drilled By:** Eichelbergers  
**Logged By:** Megan Brown  
**Drill Rig:** Schramm T450WS  
**Drill Method:** Air Rotary  
**Sampling Method:** Cuttings

Depth	Sample Number	Sample Interval	Recovery (inches)	PID	Lithological Description	Interpreted Lithology	Well Construction	Comments
-70								
-75								
-80								
-85				0.0	BEDROCK: Competent bedrock-harder drilling; blue-grey phyllite cuttings; little quartz; free water starts very silty; by 115' free water is cloudy by cuttings have no visible silt in them			
-90				0.0				
-95								
-100								
-105								
-110				0.0				
-115								
-120				0.0				



# Log of Boring: MW-17

**Date Started:** 09/21/09  
**Date Completed:** 09/21/09  
**Total Depth (ft):** 120.00  
**Boring Diameter (in):** 12"/8"  
**Bedrock Depth (ft):** N/A  
**Elevation (ft-msl):** N/A  
**Remark:** N/A

**Project Code:** 1953  
**Project Name:** Green Valley Citgo  
**Drilled By:** Eichelbergers  
**Logged By:** Megan Brown  
**Drill Rig:** Schramm T450  
**Drill Method:** Air Rotary  
**Sampling Method:** Cuttings

Depth	Sample Number	Sample Interval	Recovery (inches)	PID	Lithological Description	Interpreted Lithology	Well Construction	Comments
0								
-5				0.0	ML: Brown, very micaceous silt with weathered phyllite fragments			Air knifed & vacuum extracted soil to 4.5' bgs before refusal
-10				0.0	SAPROLITE: Saprolite: very micaceous silty cuttings with phyllite rock fragments; orange-brown 22-23' red/orange-brown 24-26.5' red/orange-brown 29-31 red			
-15								10.5' of 8" diameter; 3/8" thick, steel casing set at 11' bgs & grouted in place
-20				0.0				
-25								
-30								
-35					BEDROCK: Phyllite, 33-35' green/grey- brown 35-36' red 36-38' orange-brown 38-40' red 40-74' browns;orange-brown;tan 63 first water, very silty 74-120' competent bedrock, phyllite rock fragments; groundwater is less silty, blue-grey			
-40								
-45								
-50								
-55								
-60								
-65								





**ATTACHMENT III**

**WASTE DISPOSAL DOCUMENTATION  
-WATER WASTE, SEPTEMBER AND OCTOBER 2009**

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

N/A

2. Page 1 of 1

3. Emergency Response Phone

443-290-8507

4. Waste Tracking Number

AS092409B

5. Generator's Name and Mailing Address

BP CIF 11791 Fingerboard Rd  
Monrovia, MD

Generator's Site Address (if different than mailing address)

c/o Environmental All

Generator's Phone:

6. Transporter 1 Company Name

Subsurface Technologies Inc

U.S. EPA ID Number

N/A

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Water Dept Inc 1301 Avonedale Rd  
New Windsor, MD 21726

U.S. EPA ID Number

N/A

Facility's Phone:

9. Waste Shipping Name and Description

1. Non-Hazardous, Non-Regulated Liq

10. Containers

No.

Type

01

UT

11. Total Quantity

2802

12. Unit Wt./Vol.

G

13. Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Megan Brown

Signature

[Signature]

Month Day Year

09 24 09

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

INT'L

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Andy Shpak

Signature

[Signature]

Month Day Year

09 24 09

Transporter 2 Printed/Typed Name

Signature

TRANSPORTER

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Eric Adams

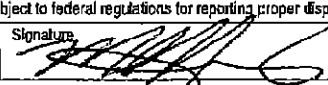
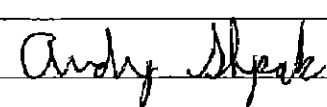
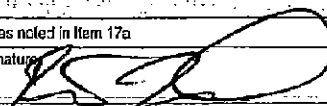
Signature

[Signature]

Month Day Year

9 24 09

DESIGNATED FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NA</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>443-250-8507</b>	4. Waste Tracking Number <b>AS102209A</b>	
5. Generator's Name and Mailing Address <b>BP 11719 Fingerboard Rd Morvia, MD</b>			Generator's Site Address (if different than mailing address) <b>c/o Environmental All</b>			
Generator's Phone:						
6. Transporter 1 Company Name <b>Subsurface Technologies Inc</b>				U.S. EPA ID Number <b>NA</b>		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Water Depot Inc 1301 Avondale Rd New Windsor, MD 21776</b>				U.S. EPA ID Number <b>NA</b>		
Facility's Phone:						
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	
			No.	Type	12. Unit Wt./Vol.	
	1. <b>Non-Hazardous, Non-Regulated Lig</b>		<b>01</b>	<b>UT</b>	<b>3763</b>	<b>G</b>
	2.					
	3.					
4.						
13. Special Handling Instructions and Additional Information  <b>PO# 077427</b>						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator/Officer's Printed/Typed Name <b>Mark Harris</b>			Signature 		Month Day Year <b>10 22 09</b>	
TRANSPORTER INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:			
	Transporter Signature (for exports only):		Date leaving U.S.:			
	16. Transporter Acknowledgment of Receipt of Materials					
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Andy Shepak</b>		Signature 		Month Day Year <b>10 22 99</b>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
	17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
DESIGNATED FACILITY	17b. Alternate Facility (or Generator)				U.S. EPA ID Number	
	Facility's Phone:					
	17c. Signature of Alternate Facility (or Generator)				Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name <b>Eric Harris</b>			Signature 		Month Day Year <b>10 22 09</b>	

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

N/A

2. Page 1 of

1

3. Emergency Response Phone

443-250-8507

4. Waste Tracking Number

BT092809B

5. Generator's Name and Mailing Address

Carroll Independent Fuel Company

Generator's Site Address (if different than mailing address)

11791 Fingerboard Rd  
Monrovia, MD 21770

Generator's Phone:

6. Transporter 1 Company Name

Subsurface Technologies, Inc

U.S. EPA ID Number

N/A

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Water Depot Inc  
1301 Arundale Rd  
New Windsor, MD 21770

U.S. EPA ID Number

N/A

Facility's Phone:

410-857-9670

9. Waste Shipping Name and Description

1. Non-hazardous, NON-DOT Regulated Material

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

01 TT 3055 G

13. Special Handling Instructions and Additional Information

3005G well water  
50G sludge

PO # 077429

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Megan Brown (EAT)

Signature

Month Day Year

9 28 09

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bill Tottle

Signature

Month Day Year

9 28 09

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 2a

Printed/Typed Name

Eric Arlay

Signature

Month Day Year

9 28 09

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone 443-250-8507	4. Waste Tracking Number AS 102209 B
5. Generator's Name and Mailing Address BP 11719 Fingerboard Rd Morvia, MD			Generator's Site Address (if different than mailing address) Ck Environmental A1		
6. Transporter 1 Company Name Subsurface Technologies Inc			U.S. EPA ID Number N/A		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Water Depot Inc 1301 Awoodale Rd New Windsor, MD 21776			U.S. EPA ID Number N/A		
9. Waste Shipping Name and Description					
1. Non-Hazardous, Non-Regulated Lip		10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
		01	UT	3841	G
13. Special Handling Instructions and Additional Information					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Mark Harris			Signature 		Month Day Year 10 22 09
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Andy Shpak			Signature 		Month Day Year 10 22 09
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Eric Harris			Signature 		Month Day Year 10 22 09

1953

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

N/A

2. Page 1 of 1

3. Emergency Response Phone

443-250-8507

4. Waste Tracking Number

AS101309A

5. Generator's Name and Mailing Address

BP/CIPC

Fingerboard Rd  
Monrovia, MD

Generator's Site Address (if different than mailing address)

c/o Environmental All

Generator's Phone:

6. Transporter 1 Company Name

Water Depot Inc

U.S. EPA ID Number

N/A

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Water Depot Inc 1301 Avondale Rd  
New Windsor, MD 21776

U.S. EPA ID Number

N/A

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

1. Non-Hazardous, Non-Regulated Liq

01

VTI

4023

G

13. Special Handling Instructions and Additional Information

PO# 077429

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Signature

Month Day Year

*[Signature]*

Megan Brown

10 13 09

15. International Shipment

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Andy Shpak

*[Signature]*

10 13 09

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Eric Jones

*[Signature]*

10 13 09

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone 443-250-8507	4. Waste Tracking Number BT101209A
5. Generator's Name and Mailing Address CIFE 40 Environmental Alliance			Generator's Site Address (if different than mailing address) 11791 Fingerboard Rd Monrovia, MD		
Generator's Phone:					
6. Transporter 1 Company Name Subsurface Technologies Inc				U.S. EPA ID Number N/A	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address Water Depot, Inc 1301 Avondale Rd New Windsor, MD 21157				U.S. EPA ID Number N/A	
Facility's Phone: 410-857-9670					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Non-hazardous, Non-DOE Regulated Material		01	TT	2550	G
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information PO# 077427 Well Water					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Matthew Hershberger				Signature 	
				Month	Day
				10	12
				Year	
				09	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Bill Tittle				Signature 	
				Month	Day
				10	12
				Year	
				09	
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)				U.S. EPA ID Number	
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)				Month	Day
				Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Eric Hood				Signature 	
				Month	Day
				10	12
				Year	
				09	



1953

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator ID Number <b>NIA</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>443-250-8507</b>	4. Waste Tracking Number <b>AS0100109</b>
-------------------------------------	--------------------------------------	--------------------------	--	--

5. Generator's Name and Mailing Address <b>Environmental All Finger board Rd</b>	Generator's Site Address (if different than mailing address) <b>Monria, MD</b>
Generator's Phone: <b>CIF</b>	

6. Transporter 1 Company Name <b>Water Depot Inc</b>	U.S. EPA ID Number <b>NA</b>
---	---------------------------------

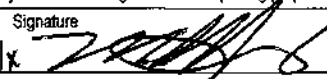
7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address <b>Water Depot 1301 Anwoodale Rd</b>	U.S. EPA ID Number <b>NA</b>
New Windsor, MD 21776	
Facility's Phone:	

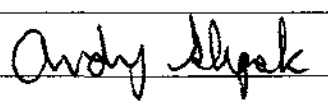
9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. <b>Non-Hazardous, Non-Regulated Liq</b>	<b>01</b>	<b>UTT</b>	<b>5522</b>	<b>G</b>
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information  <b>PO # 077429</b>
--

**14. GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

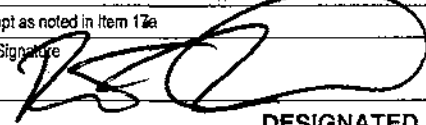
Generator's/Officer's Printed/Typed Name <b>Mark Harris</b>	Signature 	Month Day Year <b>10   01   09</b>
--	---	---------------------------------------

15. International Shipments	<input type="checkbox"/> Import to U.S.	<input type="checkbox"/> Export from U.S.	Port of entry/exit:
Transporter Signature (for exports only):		Date leaving U.S.:	

16. Transporter Acknowledgment of Receipt of Materials			
Transporter 1 Printed/Typed Name <b>Andy Shpak</b>	Signature 	Month	Day Year <b>10   01   09</b>
Transporter 2 Printed/Typed Name	Signature	Month	Day Year

17. Discrepancy				
17a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection
Manifest Reference Number:				

17b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone:	
17c. Signature of Alternate Facility (or Generator)	Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a			
Printed/Typed Name <b>Edin Klapic</b>	Signature 	Month	Day Year <b>10   01   09</b>

1953

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

NA

2. Page 1 of

1

3. Emergency Response Phone

443-250-8507

4. Waste Tracking Number

AS101409

5. Generator's Name and Mailing Address

BP 11791 Fingerboard Rd  
Moravia, MD

Generator's Site Address (if different than mailing address)

c/o Environmental All

Generator's Phone:

6. Transporter 1 Company Name

Water Depot Inc

U.S. EPA ID Number

NA

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Water Depot Inc 1301 Avondale Rd  
New Windsor, MD 21776

U.S. EPA ID Number

NA

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1.

Non-Hazardous, Non-Hazardous Liq

01

MT

3203

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

PO# 077429

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Megan Brown

Signature

*Megan Brown*

Month Day Year

10 14 09

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Andy Shpak

Signature

*Andy Shpak*

Month Day Year

10 14 09

Transporter 2 Printed/Typed Name

Signature

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

E Ann Adams

Signature

*E Ann Adams*

Month Day Year

10 14 09

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator ID Number: **N/A**

2. Page 1 of **1**

3. Emergency Response Phone: **443-250-8507**

4. Waste Tracking Number: **AS101409C**

5. Generator's Name and Mailing Address: **BP 11791 Fingerboard Rd Moravia, MD**

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: **Water Depot Inc**

U.S. EPA ID Number: **N/A**

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **Water Depot Inc 1301 Avondale Rd New Windsor, MD 21776**

U.S. EPA ID Number: **N/A**

Facility's Phone:

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit WL/Vol.
	No.	Type		
1. <b>Non-Hazardous, Non-Regulated Liq</b>	<b>01</b>	<b>WT</b>	<b>1323</b>	<b>G</b>
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information:

**PO# 071429**

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name: **Mark Harris**

Signature: *[Signature]*

Month Day Year: **10 14 09**

15. International Shipments  Import to U.S.  Export from U.S. Port of entry/exit: \_\_\_\_\_ Date leaving U.S.: \_\_\_\_\_

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: **ANDY Shpak**

Signature: *[Signature]*

Month Day Year: **10 14 09**

Transporter 2 Printed/Typed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Month Day Year: \_\_\_\_\_

17. Discrepancy

17a. Discrepancy Indication Space  Quantity  Type  Residue  Partial Rejection  Full Rejection

Manifest Reference Number: \_\_\_\_\_

17b. Alternate Facility (or Generator) U.S. EPA ID Number: \_\_\_\_\_

Facility's Phone: \_\_\_\_\_

17c. Signature of Alternate Facility (or Generator) Month Day Year: \_\_\_\_\_

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: **Eric Adams**

Signature: *[Signature]*

Month Day Year: **10 14 09**

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

1953

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

NA

2. Page 1 of

1

3. Emergency Response Phone

443-250-8507

4. Waste Tracking Number

AS101309C

5. Generator's Name and Mailing Address

BP 11791 Fingerboard Rd  
Moravia, MD

Generator's Site Address (if different than mailing address)

46 Environmental All.

Generator's Phone:

6. Transporter 1 Company Name

Water Depot Inc

U.S. EPA ID Number

NA

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Water Depot Inc 1301 Avonsdale Rd  
New Windsor, MD 21726

U.S. EPA ID Number

NA

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit W/LVol.

1.

Non-Hazardous, Non-Regulated Liq

No.

Type

01 VTT

2326

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

Po 077429

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Agent for Generator

Signature

Andy Shpak

Month Day Year

10 13 09

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Andy Shpak

Signature

Andy Shpak

Month Day Year

10 13 09

Transporter 2 Printed/Typed Name

Signature

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Eric Adams

Signature

[Signature]

Month Day Year

10 13 09

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

N/A

2. Page 1 of

1

3. Emergency Response Phone

443-350-8507

4. Waste Tracking Number

AS101509A

5. Generator's Name and Mailing Address

BP

11791 Finger board Rd  
Morvia, MD

Generator's Site Address (if different than mailing address)

c/o Environmental All

Generator's Phone:

6. Transporter 1 Company Name

Water Depot Inc.

U.S. EPA ID Number

N/A

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Water Depot Inc

1301 Avonedale Rd  
New Windsor, MD 21776

U.S. EPA ID Number

N/A

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

No. Type

11. Total Quantity

12. Unit WL/Vol.

1.

Non-Hazardous, Non-Regulated Liq.

01

WT

3478

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

PO# 07429

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Megan Brown

Signature

Megan Brown

Month Day Year

10 15 09

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Andy Shpak

Signature

Andy Shpak

Month Day Year

10 15 09

Transporter 2 Printed/Typed Name

Signature

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Emi Hayes

Signature

Emi Hayes

Month Day Year

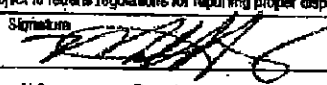
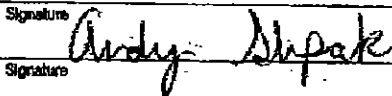
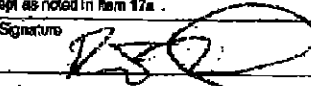
10 15 09

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

<b>NONHAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NA</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>413-250-9507</b>	4. Waste Tracking Number <b>PA102209C</b>
E. Generator's Name and Mailing Address <b>BP 11719 Fingerboard Rd. Morvia, MD</b>		Generator's Site Address (If different than mailing address) <b>cb Environmental All</b>			
Generator's Phone:		U.S. EPA ID Number <b>NA</b>			
6. Transporter 1 Company Name <b>Water Depot Inc</b>		U.S. EPA ID Number			
7. Transporter 2 Company Name		U.S. EPA ID Number			
B. Designate Facility Name and Site Address <b>Water Depot Inc 1301 Avonedale Rd New Windsor, MD 21776</b>		U.S. EPA ID Number <b>NA</b>			
Facility's Phone:					
GENERATOR	9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit WL/Vol.
	1.	No.	Type		
	<b>Non-Hazardous, Non-Regulated Liq</b>	<b>01</b>	<b>VTT</b>	<b>4362</b>	<b>G</b>
	2.				
3.					
4.					
13. Special Handling Instructions and Additional Information					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <b>Mark Harris</b>		Signature 		Month Day Year <b>10 22 09</b>	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
TRANSPORTER INTL	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>Andy Shipak</b>	Signature 		Month Day Year <b>10 22 09</b>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	17. Discrepancy				
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	17b. Alternate Facility (or Generator)		Manifest Reference Number:		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)				Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a.					
Printed/Typed Name <b>Eric Hagan</b>		Signature 		Month Day Year <b>10 22 09</b>	

**ATTACHMENT IV**

**WASTE DISPOSAL DOCUMENTATION**

**-SOLID (SOIL) WASTE, SEPTEMBER AND OCTOBER 2009**

1953A, T18  
33 drums

1. Generator ID Number: **MD 68585 SDG** 2. Page Total: **1** 3. Emergency Response Phone: **(410) 368-9170** 4. Manifest Tracking Number: **001050743 GBF**

Generator's Name and Mailing Address: **Carroll Independent Fuel Company**  
**2700 Loch Raven Road**  
**Baltimore, MD 21218**  
 Generator's Phone: **(410) 729-9000**  
 Generator's Site Address (if different than mailing address):  
**11791 Fingerboard Road**  
**Monrovia MD 21770**

6. Transporter 1 Company Name: **CLEAN VENTURE INC.** U.S. EPA ID Number: **NJ0000027193**

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **CYCLE CHEM, INC.** U.S. EPA ID Number:  
**550 INDUSTRIAL DRIVE**  
**LEWISBERRY, PA 17339**  
 Facility's Phone: **(717) 938-4700** PAD067098822

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1	<b>NON RCRA/ NON DOT REGULATED MATERIAL (drill cuttings)</b>	<b>33</b>	<b>DH</b>	<b>29,000</b>	<b>P</b>	<b>NONE</b>	
2							
3							
4							

14. Special Handling Instructions and Additional Information: **cvb7574/940498/515329/51031 (1)LD-A Non haz soils**  
**job # MD 41143-04-09**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name: **Charles Wilson** Signature: **[Signature]** Month: **09** Day: **26** Year: **09**

16. International Shipments:  Import to U.S.  Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials  
 Transporter 1 Printed/Typed Name: **ANDREW FEESER** Signature: **[Signature]** Month: **09** Day: **26** Year: **09**  
 Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

15. Discrepancy  
 16a. Discrepancy Indication Space:  Quantity  Type  Residue  Partial Rejection  Full Rejection

16b. Alternate Facility (or Generator): Manifest Reference Number: U.S. EPA ID Number:  
 Facility's Phone:

18c. Signature of Alternate Facility (or Generator): Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  
 1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18b  
 Printed/Typed Name: **Lisa Vlaminck** Signature: **[Signature]** Month: **09** Day: **28** Year: **09**

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



1453A

# CleanVenture/CycleChem

MAN

CVCC

## NON-HAZARDOUS SOLID WASTE

The Environmental Services Company

### BILL OF LADING

Page 1 of 1

24 Hour Emergency Number (410) 729-9000

Generator's Name and Mailing Address **Carroll Independent Fuel Company**  
**2700 Loch Raven Road**  
**Baltimore, MD 21218**  
 Generator's Phone ( **(410) 729-9000** )

**BOL** | | | | |  
**11791 Fingerboard Road**  
**Monrovia MD 21770**

Transporter 1 Company Name  
**CLEAN VENTURE INC.**  
 Transporter 2 Company Name

State Trans. ID-NJDEPE  
 Decal No.  
 Transporter's Phone ( **(908) 354-4000** )  
 State Trans. ID-NJDEPE  
 Decal No.  
 Transporter's Phone ( )  
 Facility's Phone ( **(717) 938-4700** )

Designated Facility Name and Site Address  
**CYCLE CHEM, INC.**  
**550 INDUSTRIAL DRIVE**  
**LEWISBERRY, PA 17339**

1 P A D 0 6 7 0 9 8 B 2 2

	US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	Containers		Total Quantity	Unit Wt/Vol	Waste No.
		No.	Type			
a.	NON RCRA/ NON DOT REGULATED MATERIAL (drill cuttings)	26	D M	18,200	P	NONE
b.						
c.						
d.						

GENERATOR

J. Additional Descriptions for Materials Listed Above  
 a.  
 b.

CCI Generator # and Product Codes: **Cyb7574/940498/33526/31136 (1)LD-A Non haz soils**  
**JOB #**

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and are non-hazardous by USEPA & applicable state regulations.

PLACARDS REQUIRED **NONE** PLACARDS SUPPLIED  YES  NO - FURNISHED BY CARRIER

Printed/Typed Name **Joe Pagan - AS Agent** Signature **Joe Pagan** Month Day Year **10/2/09**

TRANSPORTER

Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name **Joe Pagan** Signature **Joe Pagan** Month Day Year **10/02/09**

Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month Day Year \_\_\_\_\_

FACILITY

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest.  
 Printed/Typed Name **Lisa Dammond** Signature **Lisa Dammond** Month Day Year **10/02/09**

1953A

Manifest No. #: 07-102309005



3512 Fairfield Road  
Baltimore, Maryland 21226  
PHONE: (410) 354-8030  
FAX: (410) 354-8031

### NON-HAZARDOUS WASTE MANIFEST

Generator: RAIN FOR RENT  
ESSEX MD

Date: 10-23-09  
Phone No.: \_\_\_\_\_  
EPA ID No.: ENV Alliance  
Contact: \_\_\_\_\_

Describe the process of generating waste material: POLLY TAUVIC #242078

The Generator hereby requests and warrants that the material as listed does not contain substances at any level or combined levels that would require its listing as a hazardous waste.

Date: 10-23-09

Signature:   
Generator's Authorized Representative

Description of Waste	Form	Quantity	Circle Units	No.	Container
USED WASTE WATER AND SLUDGE	<del>Liquid</del>	221.4	Pounds		Tanker Vac Truck Drum Roll Off Sludge Box
	<del>Sludge</del>		Gallons		
	Solid		Tons		

Transporter: ACE ENVIRONMENTAL SERVICES, LLC.  
3512 Fairfield Road  
Baltimore, Maryland 21226

Phone No.: (410) 354-8030  
EPA ID No.: N/A  
Truck No.: 6

I certify that the above specified waste is being transported in the above vehicle to the Recycling facility below.

Date: 10-23-09

Signature:   
Transporter Signature

Facility: ACE ENVIRONMENTAL, LLC.  
3512 Fairfield Road  
Baltimore, Maryland 21226

Phone No.: [410] 354-8030  
EPA ID No.: N/A  
Contact: Rick Rasmussen

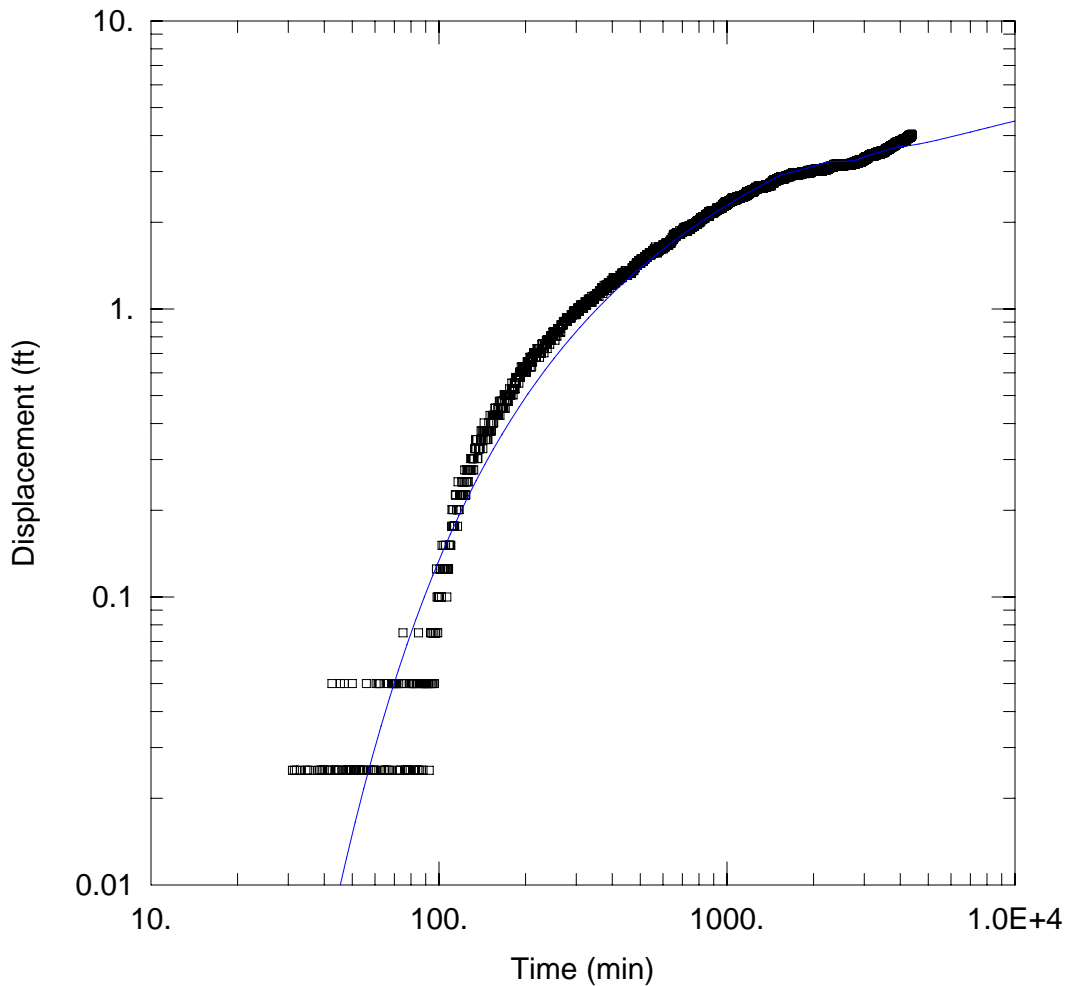
The load described above is accepted at this facility.

Date: 10-23-09

Signature:   
ACE-ENVIRONMENTAL, LLC. - Authorized Representative

**ATTACHMENT V**

**PILOT TEST DATA**



MW-7 THEIS CONFINED ANALYTICAL MODEL

Data Set: V:\Projects\PCG\Carroll Fuels\Monrovia (Green Valley)\PumpTestAnalysis-LG\MW-7.aqt  
 Date: 12/02/09 Time: 12:14:49

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
MW-15D	0	0

Well Name	X (ft)	Y (ft)
□ MW-7	24	0

SOLUTION

Aquifer Model: Confined

Solution Method: Theis

T = 0.1926 ft<sup>2</sup>/min

S = 0.2198

Kz/Kr = 0.1

b = 100. ft

Diagnostic Statistics

Estimation complete! RSS criterion (RTOL) reached.

Aquifer Model: Confined  
 Solution Method: Theis

Estimated Parameters

Parameter	Estimate	Std. Error	Approx. C.I.	t-Ratio	
T	0.1926	0.0002922	+/- 0.0005728	659.2	ft <sup>2</sup> /min
S	0.2198	0.0004581	+/- 0.0008979	479.8	
Kz/Kr	0.1	not estimated			
b	100.	not estimated			ft

C.I. is approximate 95% confidence interval for parameter  
 t-ratio = estimate/std. error  
 No estimation window

$K = T/b = 0.001926 \text{ ft/min}$  (0.0009786 cm/sec)  
 $S_s = S/b = 0.002198 \text{ 1/ft}$

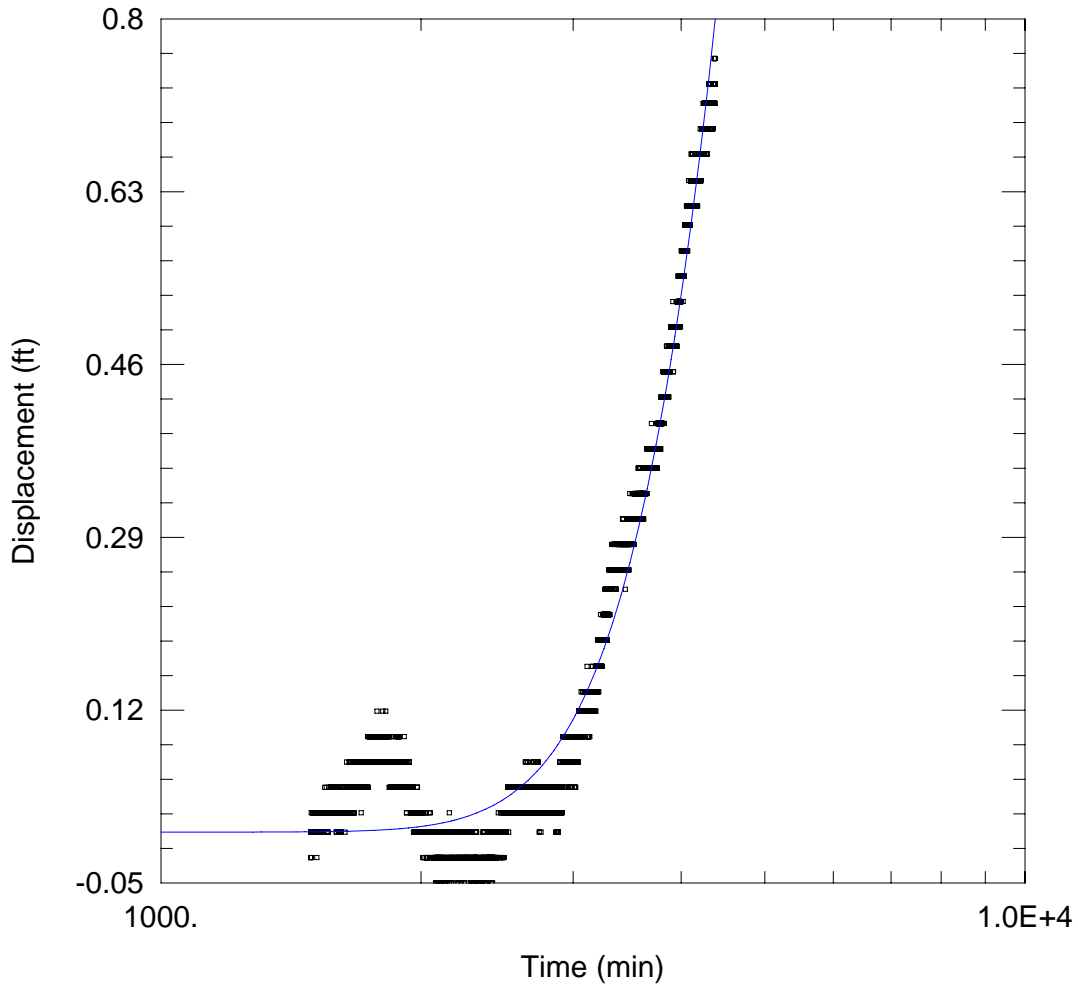
Parameter Correlations

	T	S
T	1.00	-0.91
S	-0.91	1.00

Residual Statistics

for weighted residuals

Sum of Squares . . . . . 92.65 ft<sup>2</sup>  
 Variance . . . . . 0.01065 ft<sup>2</sup>  
 Std. Deviation . . . . . 0.1032 ft  
 Mean . . . . . 0.004813 ft  
 No. of Residuals . . . . . 8701  
 No. of Estimates . . . . . 2



MW-8 THEIS CONFINED ANALYTICAL MODEL

Data Set: V:\Projects\PCG\Carroll Fuels\Monrovia (Green Valley)\PumpTestAnalysis-LG\MW-8.aqt  
 Date: 12/02/09 Time: 12:01:30

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
MW-15D	0	0	MW-8	44	0

SOLUTION

Aquifer Model: Confined

Solution Method: Theis

T = 0.4542 ft<sup>2</sup>/day

S = 0.01033

Kz/Kr = 0.1

b = 100. ft

Diagnostic Statistics

Estimation complete! Parameter change criterion (ETOL) reached.

Aquifer Model: Confined  
 Solution Method: Theis

Estimated Parameters

Parameter	Estimate	Std. Error	Approx. C.I.	t-Ratio	
T	0.4542	0.007585	+/- 0.01487	59.88	ft <sup>2</sup> /day
S	0.01033	0.0001415	+/- 0.0002773	73.02	
Kz/Kr	0.1	not estimated			
b	100.	not estimated			ft

C.I. is approximate 95% confidence interval for parameter  
 t-ratio = estimate/std. error  
 No estimation window

$K = T/b = 0.004542 \text{ ft/day}$  (1.602E-6 cm/sec)  
 $S_s = S/b = 0.0001033 \text{ 1/ft}$

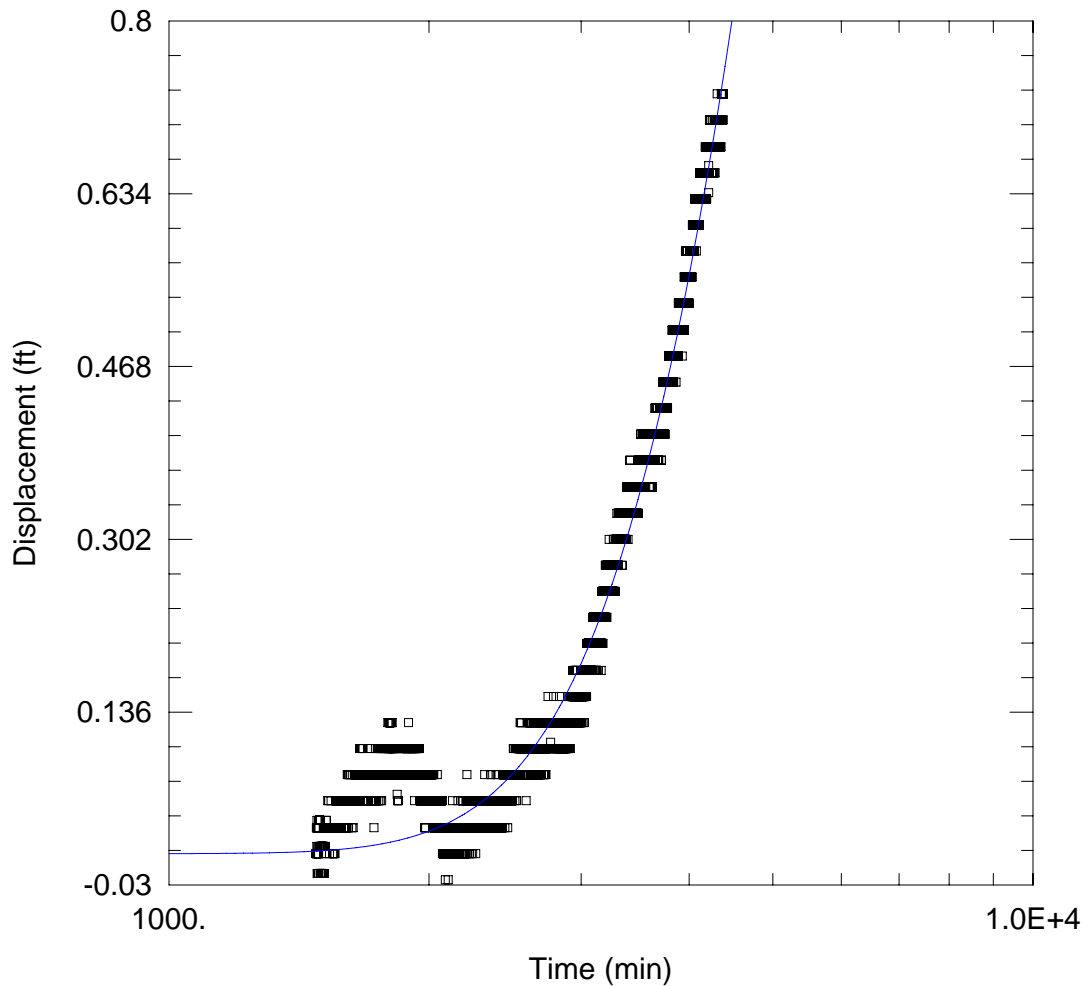
Parameter Correlations

	T	S
T	1.00	1.00
S	1.00	1.00

Residual Statistics

for weighted residuals

Sum of Squares . . . . . 7.805 ft<sup>2</sup>  
 Variance . . . . . 0.001351 ft<sup>2</sup>  
 Std. Deviation . . . . . 0.03675 ft  
 Mean . . . . . -0.0004396 ft  
 No. of Residuals . . . . . 5781  
 No. of Estimates . . . . . 2



MW-10 THEIS CONFINED ANALYTICAL MODEL

Data Set: V:\Projects\PCG\Carroll Fuels\Monrovia (Green Valley)\PumpTestAnalysis-LG\MW-10.aqt  
 Date: 12/02/09 Time: 12:07:31

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
MW-15D	0	0	□ MW-10	165	0

SOLUTION

Aquifer Model: Confined

Solution Method: Theis

T = 2.123 ft<sup>2</sup>/day

S = 0.002324

Kz/Kr = 0.1

b = 100. ft



Diagnostic Statistics

Estimation complete! Parameter change criterion (ETOL) reached.

Aquifer Model: Confined  
 Solution Method: Thisis

Estimated Parameters

Parameter	Estimate	Std. Error	Approx. C.I.	t-Ratio	
T	2.123	0.02491	+/- 0.04883	85.24	ft <sup>2</sup> /day
S	0.002324	2.007E-5	+/- 3.933E-5	115.8	
Kz/Kr	0.1	not estimated			
b	100.	not estimated			ft

C.I. is approximate 95% confidence interval for parameter  
 t-ratio = estimate/std. error  
 No estimation window

K = T/b = 0.02123 ft/day (7.491E-6 cm/sec)  
 Ss = S/b = 2.324E-5 1/ft

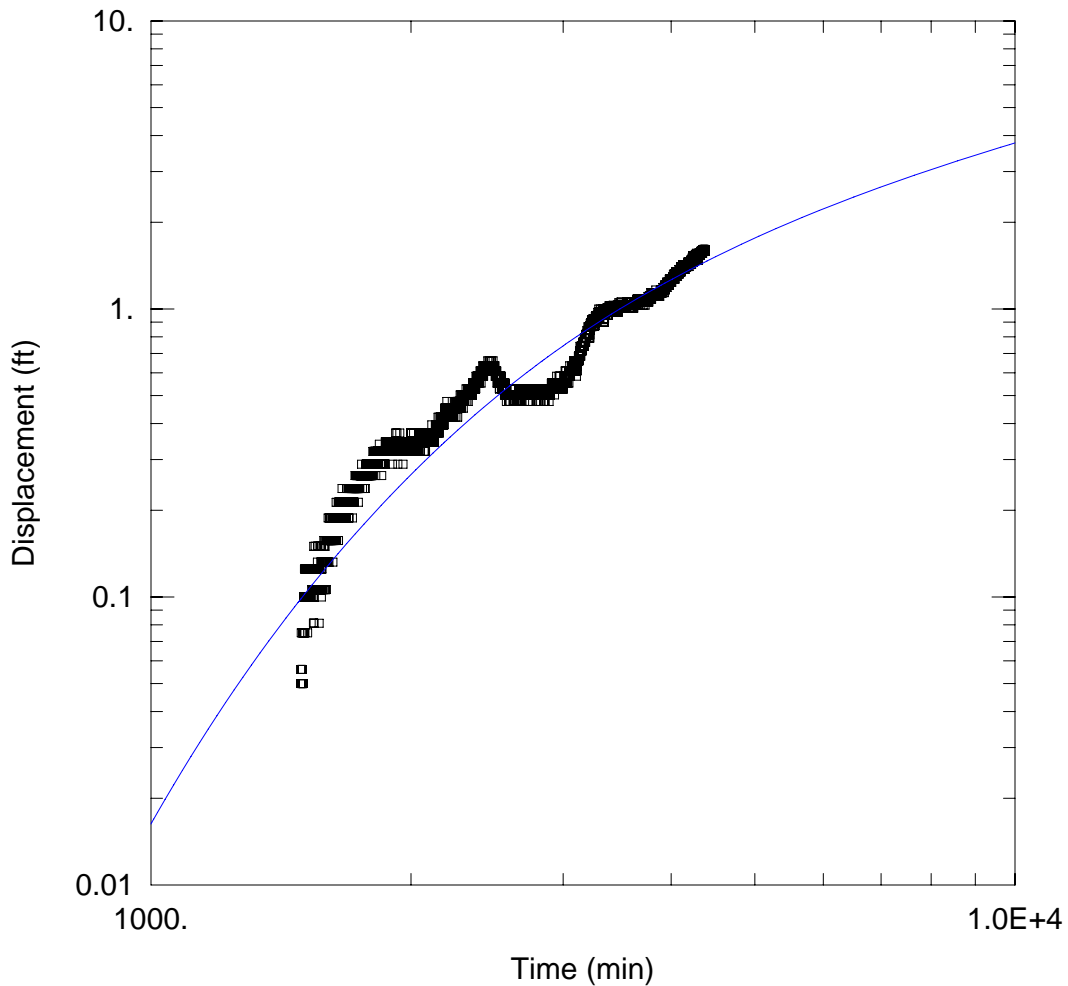
Parameter Correlations

	T	S
T	1.00	1.00
S	1.00	1.00

Residual Statistics

for weighted residuals

Sum of Squares . . . . . 5.909 ft<sup>2</sup>  
 Variance . . . . . 0.001019 ft<sup>2</sup>  
 Std. Deviation . . . . . 0.03192 ft  
 Mean . . . . . 0.007135 ft  
 No. of Residuals . . . . . 5801  
 No. of Estimates . . . . . 2



MW-13 THEIS CONFINED ANALYTICAL MODEL

Data Set: V:\Projects\PCG\Carroll Fuels\Monrovia (Green Valley)\PumpTestAnalysis-LG\MW-13.aqt  
 Date: 12/02/09 Time: 12:19:16

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
MW-15D	0	0	□ MW-13	57	0

SOLUTION

Aquifer Model: Confined

Solution Method: Theis

T = 8.29 ft<sup>2</sup>/day

S = 0.03154

Kz/Kr = 0.1

b = 100. ft

Diagnostic Statistics

Estimation complete! Parameter change criterion (ETOL) reached.

Aquifer Model: Confined  
 Solution Method: Thisis

Estimated Parameters

Parameter	Estimate	Std. Error	Approx. C.I.	t-Ratio	
T	8.29	0.07989	+/- 0.1566	103.8	ft <sup>2</sup> /day
S	0.03154	0.0001506	+/- 0.0002951	209.5	
Kz/Kr	0.1	not estimated			
b	100.	not estimated			ft

C.I. is approximate 95% confidence interval for parameter  
 t-ratio = estimate/std. error  
 No estimation window

K = T/b = 0.0829 ft/day (2.925E-5 cm/sec)  
 Ss = S/b = 0.0003154 1/ft

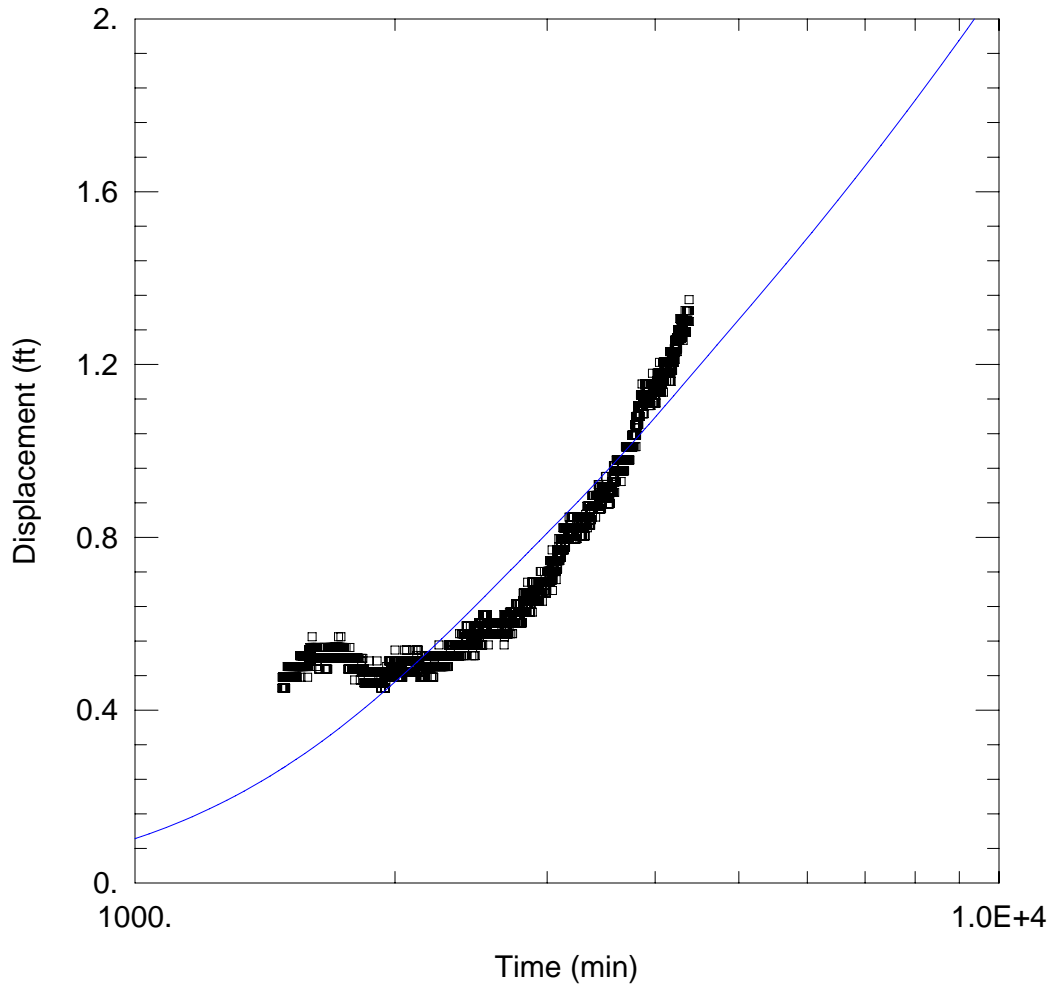
Parameter Correlations

	T	S
T	1.00	0.99
S	0.99	1.00

Residual Statistics

for weighted residuals

Sum of Squares . . . . . 48.59 ft<sup>2</sup>  
 Variance . . . . . 0.008408 ft<sup>2</sup>  
 Std. Deviation . . . . . 0.09169 ft  
 Mean . . . . . 0.008616 ft  
 No. of Residuals . . . . . 5781  
 No. of Estimates . . . . . 2



MW-14D THEIS CONFINED ANALYTICAL MODEL

Data Set: V:\Projects\PCG\Carroll Fuels\Monrovia (Green Valley)\PumpTestAnalysis-LG\MW-14D.aqt  
 Date: 12/02/09 Time: 12:22:46

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
MW-15D	0	0	□ MW-14D	150	0

SOLUTION

Aquifer Model: Confined

Solution Method: Theis

T = 28.15 ft<sup>2</sup>/day

S = 0.007048

Kz/Kr = 0.1

b = 100. ft

Diagnostic Statistics

Estimation complete! Parameter change criterion (ETOL) reached.

Aquifer Model: Confined  
 Solution Method: Thisis

Estimated Parameters

Parameter	Estimate	Std. Error	Approx. C.I.	t-Ratio	
T	28.15	0.2665	+/- 0.5222	105.7	ft <sup>2</sup> /day
S	0.007048	1.521E-5	+/- 2.982E-5	463.3	
Kz/Kr	0.1	not estimated			
b	100.	not estimated			ft

C.I. is approximate 95% confidence interval for parameter  
 t-ratio = estimate/std. error  
 No estimation window

K = T/b = 0.2815 ft/day (9.932E-5 cm/sec)  
 Ss = S/b = 7.048E-5 1/ft

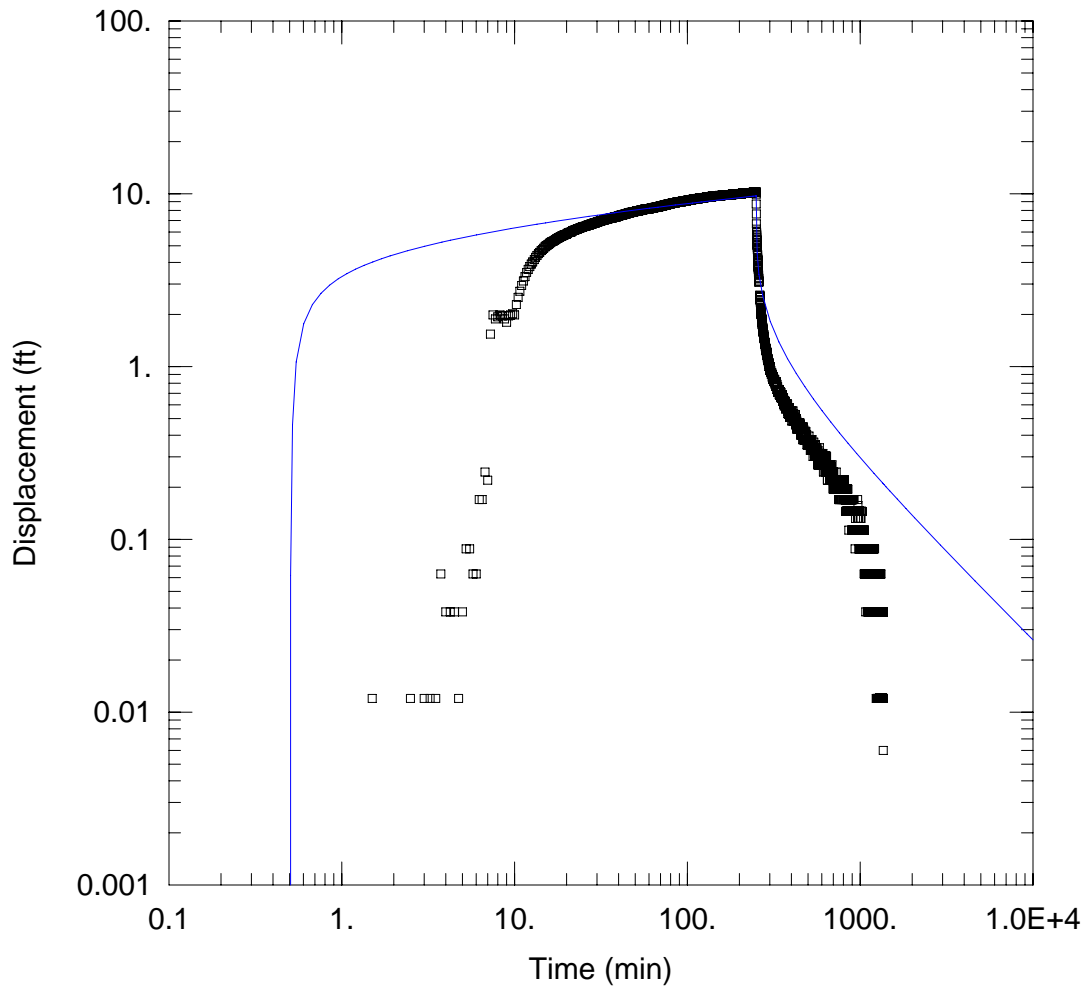
Parameter Correlations

	T	S
T	1.00	0.79
S	0.79	1.00

Residual Statistics

for weighted residuals

Sum of Squares . . . . . 55.29 ft<sup>2</sup>  
 Variance . . . . . 0.009534 ft<sup>2</sup>  
 Std. Deviation . . . . . 0.09764 ft  
 Mean . . . . . 0.006061 ft  
 No. of Residuals . . . . . 5801  
 No. of Estimates . . . . . 2



MW-13 SHORT TERM THEIS CONFINED

Data Set: V:\...\MW-13 Short Term.aqt  
 Date: 12/03/09

Time: 11:23:38

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
MW-13	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
□ MW-13	0	0

SOLUTION

Aquifer Model: Confined

Solution Method: Theis

T = 32.43 ft<sup>2</sup>/day

S = 0.001054

Kz/Kr = 0.1

b = 100. ft

Diagnostic Statistics

Estimation complete! Parameter change criterion (ETOL) reached.

Aquifer Model: Confined  
 Solution Method: Thisis

Estimated Parameters

Parameter	Estimate	Std. Error	Approx. C.I.	t-Ratio	
T	32.43	0.2939	+/- 0.5761	110.3	ft <sup>2</sup> /day
S	0.001054	7.282E-5	+/- 0.0001427	14.47	
Kz/Kr	0.1	not estimated			
b	100.	not estimated			ft

C.I. is approximate 95% confidence interval for parameter  
 t-ratio = estimate/std. error  
 No estimation window

K = T/b = 0.3243 ft/day (0.0001144 cm/sec)  
 Ss = S/b = 1.054E-5 1/ft

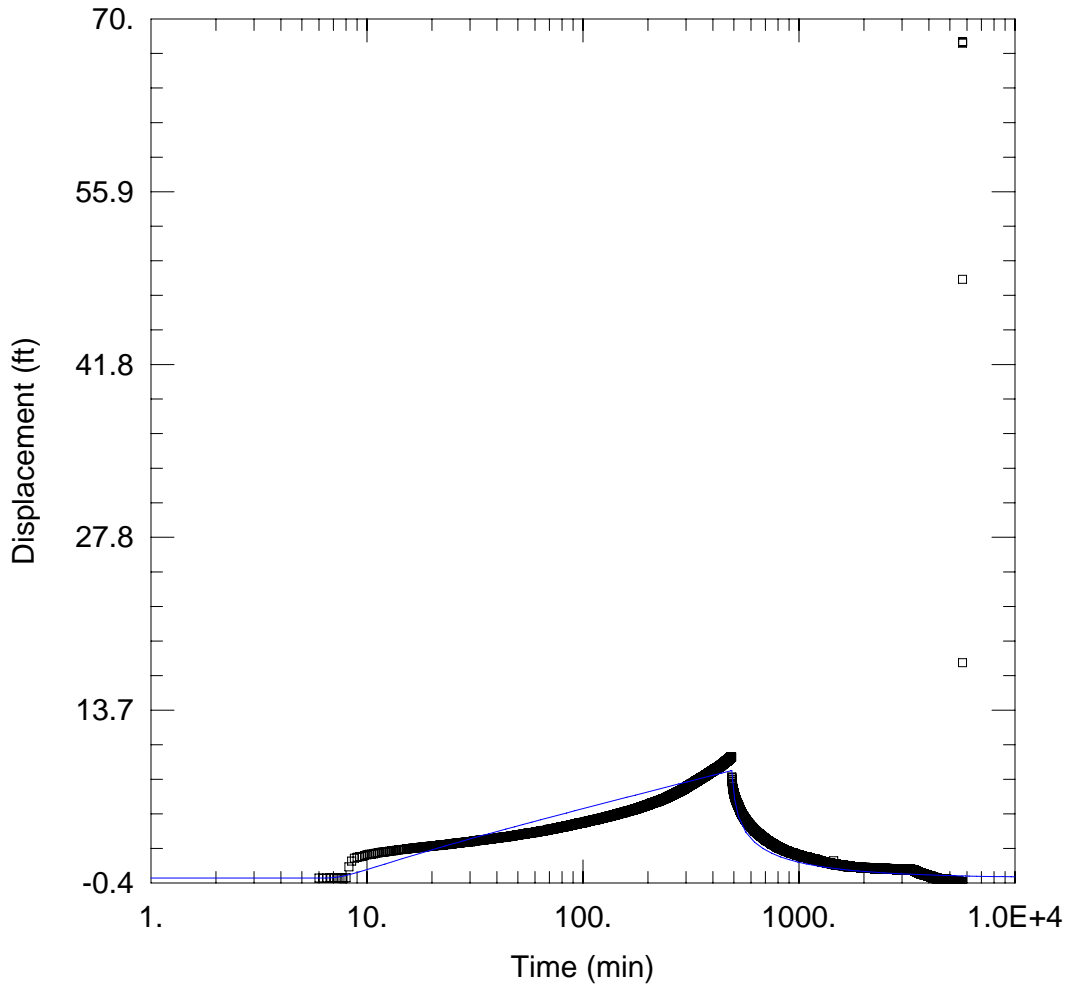
Parameter Correlations

	T	S
T	1.00	-0.97
S	-0.97	1.00

Residual Statistics

for weighted residuals

Sum of Squares . . . . . 1806.2 ft<sup>2</sup>  
 Variance . . . . . 0.3329 ft<sup>2</sup>  
 Std. Deviation . . . . . 0.577 ft  
 Mean . . . . . -0.2339 ft  
 No. of Residuals . . . . . 5428  
 No. of Estimates . . . . . 2



MW-16 SHORT TERM SHORT TERM THEIS CONFINED

Data Set: V:\...\MW-16 Short Term.aqt  
 Date: 12/03/09

Time: 12:19:22

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
MW-16	0	0

Well Name	X (ft)	Y (ft)
□ MW-16	0	0

SOLUTION

Aquifer Model: Confined

Solution Method: Theis

T = 123.3 ft<sup>2</sup>/day

S = 1.

Kz/Kr = 0.1

b = 100. ft



Diagnostic Statistics

Estimation complete! Corrections satisfy convergence requirements, but lambda is still large. Check parameter corrections.

Aquifer Model: Confined  
 Solution Method: Theis

Estimated Parameters

Parameter	Estimate	Std. Error	Approx. C.I.	t-Ratio	
T	123.3	2.461	+/- 4.823	50.1	ft <sup>2</sup> /day
S	1.	0.06118	+/- 0.1199	16.34	
Kz/Kr	0.1	not estimated			
b	100.	not estimated			ft

C.I. is approximate 95% confidence interval for parameter

t-ratio = estimate/std. error

No estimation window

$K = T/b = 1.233 \text{ ft/day}$  (0.0004349 cm/sec)

$S_s = S/b = 0.01 \text{ 1/ft}$

Parameter Correlations

	T	S
T	1.00	-0.90
S	-0.90	1.00

Residual Statistics

for weighted residuals

Sum of Squares . . . . . 6.105E+4 ft<sup>2</sup>  
 Variance . . . . . 4.927 ft<sup>2</sup>  
 Std. Deviation . . . . . 2.22 ft  
 Mean . . . . . 0.1232 ft  
 No. of Residuals . . . . . 12394  
 No. of Estimates . . . . . 2

**ATTACHMENT VI**

**GEOPHYSICAL REPORT**

**MONROVIA BP STATION  
11791 FINGERBOARD ROAD  
MONROVIA, MARYLAND**

**ANALYSIS OF  
BOREHOLE GEOPHYSICAL  
SURVEYS CONDUCTED  
NOVEMBER 2-3, 2009**

Prepared For:

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W.O. 4122

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Figure 1 – Site map showing location of the Monrovia, Maryland BP station.

## LIST OF APPENDICES

Appendix A: MW-14D Geophysical Logs

Appendix B: MW-16 Geophysical Logs

Appendix C: MW-17 Geophysical Logs

## **1.0 INTRODUCTION**

### **1.1 Background**

Earth Data Incorporated (EDI) of Centreville, Maryland, working as a subcontractor to Environmental Alliance, Inc. (EAI) of Millersville, Maryland, recently completed borehole geophysical surveys in three (3) monitoring wells at the BP Station located at 11791 Fingerboard Road, Monrovia, Maryland 21770. Figure 1 is a map showing the location of the project site. The geophysical surveys completed in each well included multi-point normal resistivity (8-16-32-64); single-point resistance (SPR); spontaneous potential (SP); natural gamma; 3-arm caliper; fluid conductivity/resistivity; fluid temperature; acoustic borehole imaging (ABI); and heat-pulse flowmeter.

The three wells that are the subject of this report were each constructed with 8-inch diameter steel casing set through overburden and into bedrock. The wells were completed with open boreholes. The approximate construction features of the three wells, based on the geophysical surveys and reported information, are summarized in the following table:

Well Name	Casing Diameter (in.)	Casing Material	Casing Depth (ft.)	Well Total Depth (ft.)
MW-14D	8	Steel	10.75	273
MW-16	8	Steel	11.25	121
MW-17	8	Steel	11.0	121

### **1.2 Site Geology**

The site is located in the western Piedmont Plateau Physiographic Province. Cleaves et al. (1968) describe the bedrock underlying the site as the Ijamsville Formation. This late Precambrian formation consists of phyllite and phyllitic slate, blue, green or purple colored. The Ijamsville Formation can also contain interbedded metasiltstone and metagraywacke. The site is located near the contact with the late Precambrian Urbana Formation (Duigon and Dine, 1987).

Depending on where the actual contact between the two formations exists, the site could contain sediments of the Urbana Formation, which is described as dark colored sericite-chlorite phyllite, metasilstone and quartzite (Cleaves et al. 1968).

### **1.3 Scope of Work**

Earth Data Incorporated performed borehole geophysical surveys in three (3) monitoring wells November 2-3, 2009. The geophysical surveys included the following parameters and methods: multi-point normal resistivity (8-16-32-64); single-point resistance; spontaneous potential (SP); natural gamma; caliper; fluid conductivity/resistivity; fluid temperature; acoustic borehole imaging (ABI); and heat-pulse flowmeter. The purpose of the investigation was to determine the orientation of structural features (e.g. fractures, bedding planes, and foliations) and locate possible water producing fracture zones. This report presents the basic findings of the geophysical surveys.

## **2.0 GEOPHYSICAL PARAMETER DESCRIPTIONS**

Vertical borehole geophysical surveys provide a measure of the physical properties of the borehole, the borehole fluid, and/or the formation(s) penetrated by the borehole during drilling. Geophysical logs, alone and together with other well information, can help determine geologic and hydrogeologic information pertaining to a borehole and the formation(s) penetrated.

Both individual and multi-parameter wireline geophysical logging tools are lowered into an individual well or borehole. For most geophysical techniques the specific data associated with each logging tool is typically collected continuously along the vertical depth of the borehole. For continuity all footages discussed in this report are referenced from below land surface (bls).

### **2.1 Electric Log**

The electric log is a multi-electrode tool that measures parameters relating to the flow of electrical currents within the borehole and surrounding material. Due to the nature of this tool only fluid filled portions of the borehole can be logged. Parameters of the tool used include multi-point normal resistivity (8-16-32-64), single-point resistance, and spontaneous potential (SP). A brief description of each electric log parameter is provided below.

#### **2.1.1 Multi-Point Normal Resistivity**

The normal-resistivity tool measures the electrical resistivity of the borehole and surrounding rock. The units measured are ohms-meters. The logging equipment consists of six (6) electrodes: four on the tool, one at the top of a 30-foot long insulated cable and one grounded at the surface. The different spacing of the potential electrodes (8 inches, 16 inches, 32 inches, and 64 inches) allows different volumes to be investigated. The most commonly used electrodes (16-inches and 64-inches) are sometimes referred to as short-normal and long normal resistivity logs. The volumes investigated by short and long normal resistivity are approximately 32 inches and 128 inches in diameter, respectively.



Normal resistivity logs are commonly used to measure water quality and formation resistivity. Typically, in sedimentary rocks portions of the borehole that have higher clay content will have a lower resistivity than those with lower clay content. However, in crystalline rocks more transmissive zones may display lower resistivity.

### **2.1.2 Single-Point Resistance (SPR)**

The single-point resistance (SPR) tool measures the apparent formation resistance in ohms. The logging equipment consists of two electrodes, one located in the well and one grounded at the surface. Current flow in some formations can be attributed to conductive mineral and the surface condition on clay particles. The amount of water present in the formation and the dissolved constituents in the water will also affect the electric current flow pattern. As a result the effective porosity of a formation and the interstitial fluid salinity has the greatest affect on the resistance. Typically, in sedimentary rocks a formation with high clay content will have a low resistance. However, in crystalline rocks more transmissive zones may display lower resistivity.

### **2.1.3 Spontaneous-Potential (SP)**

The spontaneous-potential (SP) log reveals the electric potential or voltage differences that can develop at the contacts between dissimilar lithologic units which are penetrated by the borehole, and occasionally at fractures where groundwater is flowing. The measured unit of the SP log is millivolts (mv). Logging equipment is the same as for the SPR log. Spontaneous potential sources in a borehole include electrochemical, electro-kinetic/streaming, and oxidation-reduction potentials. Electrochemical effects are probably the most significant source factors, which can be subdivided into membrane and liquid-junction potentials. Both of these effects are the result of the migration of ions from a concentrated solution to a dilute solution. The migration of the ions and their detection is mostly affected by clay or shale, which decreases negative ion (anion) mobility.

## **2.2 Natural Gamma**

Natural gamma logs are one of the most widely used geophysical logs in groundwater applications. The primary use of the gamma log is to identify changes in lithology and to determine the relative amounts of clay in various lithologic units. The measured unit of the natural gamma log is counts per second (cps). The natural gamma photons detected by the gamma log survey will penetrate plastic and steel well casing and screens. As such natural gamma surveys can be completed inside wells or hollow stem augers. However, the casing and/or screen material may subdue the received signal. Upon exiting the screen/casing material the response of the log will typically show an increase in the natural gamma radiation that is detected.

## **2.3 Caliper (3-Arm)**

The caliper log records average borehole diameter. The caliper log shows changes in borehole diameter that are related to well construction such as the depth of the well casing or the location of a screened interval. In addition, the caliper log is useful in determining the location of potential fracture zones in open bedrock wells. Three spring-loaded feeler arms act in conjunction with each other to calculate the average diameter of the borehole. The caliper logs are collected by first calibrating the tool at the surface using measuring templates. The caliper tool is then lowered into the borehole to the desired depth and the feeler arms are remotely opened. The borehole is then logged in an upward direction.

## **2.4 Fluid Conductivity/Resistivity**

The fluid conductivity log records borehole fluid electrolytic measurements in microsiemens/centimeter ( $\mu\text{s}/\text{cm}$ ). In general, water with a lower concentration of total dissolved solids (TDS) will result in a lower fluid conductivity value than water with higher amounts of total dissolved solids. Since water quality can influence the fluid conductivity, if enough information is known about the particular contaminants in a well some conclusions may be drawn from the fluid conductivity log. Fluid conductivity logs may also indicate changes in

borehole fluid when water-producing fractures or formations are transmitting fluid of contrasting composition into or out of the borehole. Fluid conductivity is the reciprocal of fluid resistivity. The fluid conductivity log is generally the first parameter to be measured and is collected simultaneously with the temperature log.

## **2.5 Fluid Temperature**

The fluid temperature log provides a measurement of the temperature of the surrounding air, water, or formation in the borehole. Abrupt changes in the slope of the temperature log may indicate where water of differing temperatures and/or quality is entering or exiting the borehole.

## **2.6 Acoustic Televierer**

The acoustic televierer, also known as an acoustic borehole imager (ABI) is similar to a borehole television survey in that a 360° image of the borehole is produced. Instead of being dependent on light, the acoustic televierer produces an image with a focused beam of ultrasound. However, the tool can only provide data in the fluid filled portion of the borehole. The tool registers both the amplitude and the delay in transit of the reflected signal (travel time). Borehole conditions such as reflectivity of the surrounding rock and borehole size can affect the quality of the final product.

The acoustic televierer printout displays information obtained from the survey of the borehole. Starting on the left hand side of the page, the first graphic shows the borehole televierer amplitude log as an “unwrapped core” shown North to North. The arrow plot shows the feature angle (0-90°) and direction of dip. A “tadpole” indicating features will be placed at the angle of the feature and the tail will point in the direction of dip. The N 225° - N45° graphics show the apparent angle through the borehole as viewed from a position rotated clockwise 90 degrees. The comments field lists the dip azimuth and dip degree of the feature.

A magnetometer is included as a component of the ABI tool, which allows for orientation and inclination information of the borehole to be collected. The received signals are presented as an unwrapped 360° image referenced to magnetic North. Under ideal borehole conditions, using the magnetic declination of the site, strike and dip of the borehole features (fractures, bedding planes, etc.) may be obtained. All data displayed on the geophysical logs presented in this report have been adjusted to True North from the 10.7° W magnetic declination in the vicinity of the Monrovia BP station site.

## **2.7 Heat-Pulse Flowmeter**

The heat-pulse flowmeter is a stationary tool that is placed at pre-selected locations within the borehole to measure the vertical flow, if any, at the given location. Points to measure vertical flow may be selected due to the response of caliper, fluid temperature and/or fluid conductivity logs. Points could also be chosen at fixed intervals to provide a flow profile of the entire borehole. The heat-pulse flow meter is designed for relatively low flow rates between the ranges of 0.03 to 1.0 gallons per minute (gpm). Values less than 0.03 gpm are considered to be equivalent to non-detectable flow.

The heat-pulse flowmeter consists of a hollow cylinder containing a horizontal wire grid-heating element and thermistors located a fixed distance above and below the grid. As the heat-pulse flow meter is “fired” an electrical current is sent through the high resistance wire grid. The heated borehole fluid migrates with the borehole flow upward or downward toward one of the thermistors. The tool is equipped with an auto-nulling facility to cancel any offset in thermistor characteristics and return the log trace to a fixed position prior to firing.

Heat-pulse flowmeter results are presented in graphical format along with fluid conductivity, fluid temperature, and caliper logs. The graph displays the temperature differential in counts per second (cps) between the two thermistors plotted against time (in seconds). Based on the interpretation point selected by the operator, the operating software calculates the fluid speed. The average of the tests conducted at each test depth is represented on the log print-out. Heat-pulse flow data represents vertical flow within the borehole; therefore, on the log print-out,

a negative flow left of center represents downward movement of flow and the inverse response represents upward flow movement.

### **3.0 RESULTS OF BOREHOLE GEOPHYSICAL LOGGING**

#### **3.1 General Description**

The basic findings of the geophysical surveys conducted in each individual well at the site are summarized below. Copies of the geophysical logs are included as appendices. The interpretation of the borehole geophysical data is primarily focused on determining zones of secondary porosity. Secondary porosity analyses are based on fluid conductivity, fluid temperature, caliper, and acoustic televiewer logs, as well as heat-pulse flow meter data. Features identified with the acoustic televiewer are presented in table format.

#### **3.2 Specific Wells**

##### **3.2.1 Monitoring Well MW-14D**

Copies of all geophysical logs (caliper, fluid temperature, fluid conductivity, natural gamma, electric, acoustic televiewer, and heat-pulse flowmeter data) for MW-14D are included in Appendix A. The total depth (TD) of the well was observed to be approximately 273 feet below land surface (bls) during the geophysical surveys. This well is constructed with 8-inch diameter steel well casing set to a depth of approximately 10.75 feet bls. The open borehole interval is from 10.75 feet to approximately 273 feet. At the time of the survey the depth-to-water level in the well was approximately 52 feet bls.

A decrease in natural gamma is noted at depth intervals between approximately 53 and 80 feet; 122 and 126 feet; 234 and 238 feet; and 258 and 261 feet. An increase in natural gamma is noted at approximately 172 and 178 feet. The normal resistivity log shows an area of increased resistivity from approximately 122 feet to 126 feet, and 234 to 238 feet. The log displays a decreased resistivity that correlates with an inflection in the caliper log at a depth of 211 feet bls.

The fluid temperature log displays decreasing water temperature from the static water level (SWL) at 52 feet to a depth of approximately 273 feet. A decrease in conductivity is observed at 103 feet. There is a very slight decreasing trend in fluid conductivity from 192 feet

to 260 feet. A second very slight increase is observed from 260 feet to approximately TD at 273 feet.

The acoustic televiewer log produced for MW-14D was analyzed and 21 features were identified. More features may exist than were identified. The majority of the features identified are high-angle (greater than 45° from horizontal) fractures and foliations that dip toward the southeast. One low-angle fracture (<5°) was identified at 211 feet. Table 1A lists the characteristics for each feature. Characterization of the features was aided by ALT WellCAD version 4.1 software provided by the tool manufacturer. The features for MW-14D are summarized in the following table:

Table 1A- Acoustic Televiewer Features For MW-14D

Average (feet)	Depth		Feature		
	Upper (feet)	Lower (feet)	Strike Azimuth (0-360°)	Dip Azimuth (0-360°)	Dip Angle (° from hor.)
54.0	53.2	54.7	18	108	67
57.4	56.2	58.5	24	114	74
60.5	60.2	60.8	64	154	44
68.0	67.4	68.6	355	85	62
69.1	68.2	70.0	359	89	70
71.2	70.4	72.1	21	111	69
74.6	73.8	75.3	23	113	66
79.3	78.8	79.8	32	122	56
85.6	85.2	86.0	61	151	52
90.4	89.6	91.2	348	78	67
101.9	101.0	102.8	22	112	70
113.7	112.4	114.9	105	195	75
126.4	125.7	127.1	20	110	65
130.1	129.9	130.3	25	115	29
135.1	134.5	135.7	10	100	62
143.6	142.6	144.6	20	110	71
149.2	148.1	150.2	326	56	73
186.7	186.0	187.4	29	119	65
211.0	211.0	211.0	92	182	4
235.1	234.6	235.7	7	97	59
254.3	254.1	254.6	36	126	39

Correlation of the fluid conductivity, fluid temperature, caliper, and acoustic televiewer logs indicates likely areas of secondary porosity at the following approximate depths: between 53 and 62 feet; 75 feet; 85 feet; and 211 feet.

Heat-pulse flowmeter logging was conducted at depths of 57 feet; 60 feet; 64 feet; 69.5 feet; 74 feet; 76 feet; 84.5 feet; 87 feet; 210 feet; and 211 feet in this well. The depths were selected in the field based on the fluid temperature, fluid conductivity, and caliper logs. With the exception of the test at 211 feet; the results are indicative of no flow, or flow below the operating limits of the tool. Results of the test performed at 211 feet indicate possible up flow. Table 1B presents a summary of the results.

Table 1B- Well MW-14D Heat-Pulse Flowmeter Summary Table

Depth feet bls	Flow Rate Gal./min.	Flow Direction
57.0	0.02	n/a
60.0	0.01	n/a
64.0	0.01	n/a
69.5	0.02	n/a
74.0	0.02	n/a
76.0	0.01	n/a
84.5	0.01	n/a
87.0	0.01	n/a
210.0	0.01	n/a
212.0	0.03	up

### **3.2.2 Monitoring Well MW-16**

Copies of all geophysical logs for MW-16 are included in Appendix B. The total depth (TD) of the well was observed to be approximately 121 feet below land surface (bls) during the geophysical surveys. This well is constructed with 8-inch diameter steel well casing set to a depth of approximately 11.25 feet bls. The open borehole interval is from 11.25 feet to approximately 121 feet. At the time of the survey the depth-to-water level in the well was approximately 50 feet bls.



A decrease in natural gamma is noted at depth intervals between approximately 54 and 56 feet, and 96 and 99 feet. An increase in natural gamma is noted at approximately 76 and 82 feet, which correlates with an inflection in the caliper log. The normal resistivity and SPR logs display a decreased resistivity that correlates with an inflection in the caliper log at a depth of 76 feet bls. The normal resistivity log shows an area of increased resistivity from approximately 96 feet to 99 feet, which correlates with an inflection in the gamma log.

The fluid temperature log displays increasing water temperature from the static water level (SWL) at 50 feet to a depth of approximately 76 feet. A sharp decreased shift in the trend at 76 feet correlates with an inflection in the caliper log. The fluid temperature log displays a decreasing trend from 76 feet to TD at 121 feet.

A sharp increase in the fluid conductivity is observed at 69 feet and at 76 feet, correlating with inflections in the caliper and temperature logs. There is another sharp increase in fluid conductivity at a depth of 112 feet. A slight increasing trend is observed from 112 feet to approximately 121 feet.

The acoustic televiewer log produced for MW-16 was analyzed and eight (8) features were identified. More features may exist than were identified. The majority of the features identified are high-angle (greater than 45° from horizontal) fractures and foliations that dip toward the southeast. The features for MW-16 are summarized in the following table:

Table 2A- Acoustic Televiewer Features For MW-16

Average (feet)	Depth		Strike Azimuth (0-360°)	Feature Dip	
	Upper (feet)	Lower (feet)		Azimuth (0-360°)	Dip Angle (° from hor.)
59.1	58.6	59.5	45	135	52
61.8	60.7	62.8	17	107	72
63.6	63.3	63.8	10	100	39
68.9	68.8	69.1	16	106	20
76.5	76.2	76.7	50	140	34
78.6	78.0	79.2	24	114	60

Average (feet)	Depth		Strike Azimuth (0-360°)	Feature	
	Upper (feet)	Lower (feet)		Dip Azimuth (0-360°)	Dip Angle (° from hor.)
81.0	80.2	81.7	50	140	66
83.3	82.8	83.9	42	132	58

Correlation of the fluid conductivity, fluid temperature, caliper, and acoustic televiewer logs indicates likely areas of secondary porosity at the following approximate depths: between 50 and 64 feet; 69 feet; 76 feet; and 83 feet.

Heat-pulse flowmeter logging was conducted at depths of 53 feet; 57 feet; 65 feet; 68 feet; 71 feet; 75 feet; 78 feet; 81 feet; 84 feet; and 86 feet in this well. The depths were selected in the field based on the fluid temperature, fluid conductivity, and caliper logs. With the exception of the test at 57 feet, the results are indicative of no flow, or flow below the operating limits of the tool. Results of the test performed at 57 feet indicate possible up flow. Table 2B presents a summary of the results.

Table 2B- Well MW-16 Heat-Pulse Flowmeter Summary Table

Depth feet bls	Flow Rate Gal./min.	Flow Direction
53.0	0.02	n/a
57.0	0.03	up
65.0	0.02	n/a
68.0	0.02	n/a
71.0	0.02	n/a
75.0	0.02	n/a
78.0	0.01	n/a
81.0	0.02	n/a
84.0	0.02	n/a
86.0	0.02	n/a

### 3.2.3 Monitoring Well MW-17

Copies of all geophysical logs for MW-17 are included in Appendix C. The total depth of the well was observed to be approximately 121 feet bls during the geophysical surveys. This

well is constructed with 8-inch diameter steel well casing set to a depth of approximately 11.0 feet bls. The open borehole interval is from 11.0 feet to approximately 121 feet. At the time of the survey the depth-to-water level in the well was approximately 53 feet bls.

An increase in natural gamma is noted at depth intervals between approximately 60 and 68 feet, which correlate with inflections in the caliper log. The normal resistivity log shows an area of increased resistivity from approximately 82 feet to 88 feet.

The fluid temperature log displays increasing water temperature from the static water level (SWL) at 53 feet to a depth of approximately 64 feet. The fluid temperature log displays a decreasing trend from 64 feet to 121 feet. The fluid conductivity log displays a slight decreasing trend from 53 feet to a depth of 85 feet. A sharp increase in the fluid conductivity is observed at 85 feet, correlating with an inflection in the caliper log. There is another sharp increase in fluid conductivity at a depth of 107 feet. A slight increasing trend is observed from 107 feet to approximately TD at 121 feet.

The acoustic televiewer log produced for MW-17 was analyzed and seven (7) features were identified. More features may exist than were identified. The majority of the features identified are high-angle (greater than 45° from horizontal) fractures and foliations that dip toward the southeast. The features for MW-17 are summarized in the following table:

Table 3A- Acoustic Televiewer Features For MW-17

Average (feet)	Depth		Strike Azimuth (0-360°)	Feature Dip Azimuth (0-360°)	Dip Angle (° from hor.)
	Upper (feet)	Lower (feet)			
56.1	55.9	56.3	21	111	34
61.6	61.3	61.9	42	132	43
67.0	66.7	67.4	67	157	49
75.5	75.0	76.0	36	126	56
84.5	84.0	85.1	19	109	59
92.9	92.4	93.4	10	100	58
112.6	112.2	113.0	21	111	47

Correlation of the fluid conductivity, fluid temperature, caliper, and acoustic televiewer logs indicates likely areas of secondary porosity at the following approximate depths: between 55 and 58 feet; 62 feet; and 68 feet.

Heat-pulse flowmeter logging was conducted at depths of 60 feet; 65 feet; 69 feet; 74 feet; 78 feet; 83 feet; 86 feet; 92 feet; and 94 feet in this well. The depths were selected in the field based on the fluid temperature, fluid conductivity, and caliper logs. With the exception of the test at 74 feet; the results are indicative of no flow, or flow below the operating limits of the tool. Results of the test performed at 74 feet indicate possible up flow. Table 3B presents a summary of the results.

Table 3B- Well MW-17 Heat-Pulse Flowmeter Summary Table

<b>Depth feet bls</b>	<b>Flow Rate Gal./min.</b>	<b>Flow Direction</b>
60.0	0.01	n/a
65.0	0.02	n/a
69.0	0.02	n/a
74.0	0.03	up
78.0	0.02	n/a
83.0	0.02	n/a
86.0	0.02	n/a
92.0	0.02	n/a
94.0	0.02	n/a

#### **4.0 LIMITATIONS**

The findings and conclusions presented in this report are the result of fieldwork, data analysis, and interpretations completed by Earth Data Incorporated as of this date. This report was prepared in response to a request from Environmental Alliance Inc., and was prepared using generally accepted geophysical practices for the exclusive use of EAI. No other warranty, expressed or implied, is made.

## **5.0 REFERENCES CITED**

Cleaves, E. T., Edwards, J. Jr., and Glaser, J. D., 1968, Geologic Map of Maryland: Baltimore, Maryland, Maryland Geological Survey, scale 1:250,000.

Duigon, M. T., and Dine, J. R., 1987, The ground-water resources in The Water Resources of Frederick County: Maryland Geological Survey Bulletin 33, 106 P.

## FIGURES



GRAPHIC SCALE  
(FEET)



**Earth Data**  
INCORPORATED  
GROUNDWATER & ENVIRONMENTAL  
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131 OAKT BOWE  
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www.eardatainc.com

FIGURE 1  
SITE MAP  
FOR  
**MONROVIA BP**  
MONROVIA, MD

PROJ. MGR.:	MAW
DATE:	11/10/2009
SCALE:	AS SHOWN
EDI #:	4122
PORTION OF GOOGLE EARTH MAP SHOWING MONROVIA, MD	

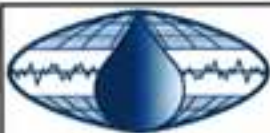
Figure 1 - Map showing the location of the Monrovia BP Station site.



## APPENDICES

**APPENDIX A**

**MW-14D  
Geophysical Logs**



**Earth Data Incorporated**  
 131 Comet Drive, Centerville, MD 21617  
 Phone: (410) 758-8160 / Facsimile (410) 758-8168  
 www.earthdatainc.com

**WELL I.D.**  
 MW-14D

Logging Date: 11/2/09  
 Logging Speed: 7/min x Up Down  
 BOC: 10.75' TD: 273'

**Project:** Environmental Alliance/Monrovia, MD  
 BP Geo Logs

**Borehole Diameter:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

**Fluid Type:** Water

**Technician:** JKrowson

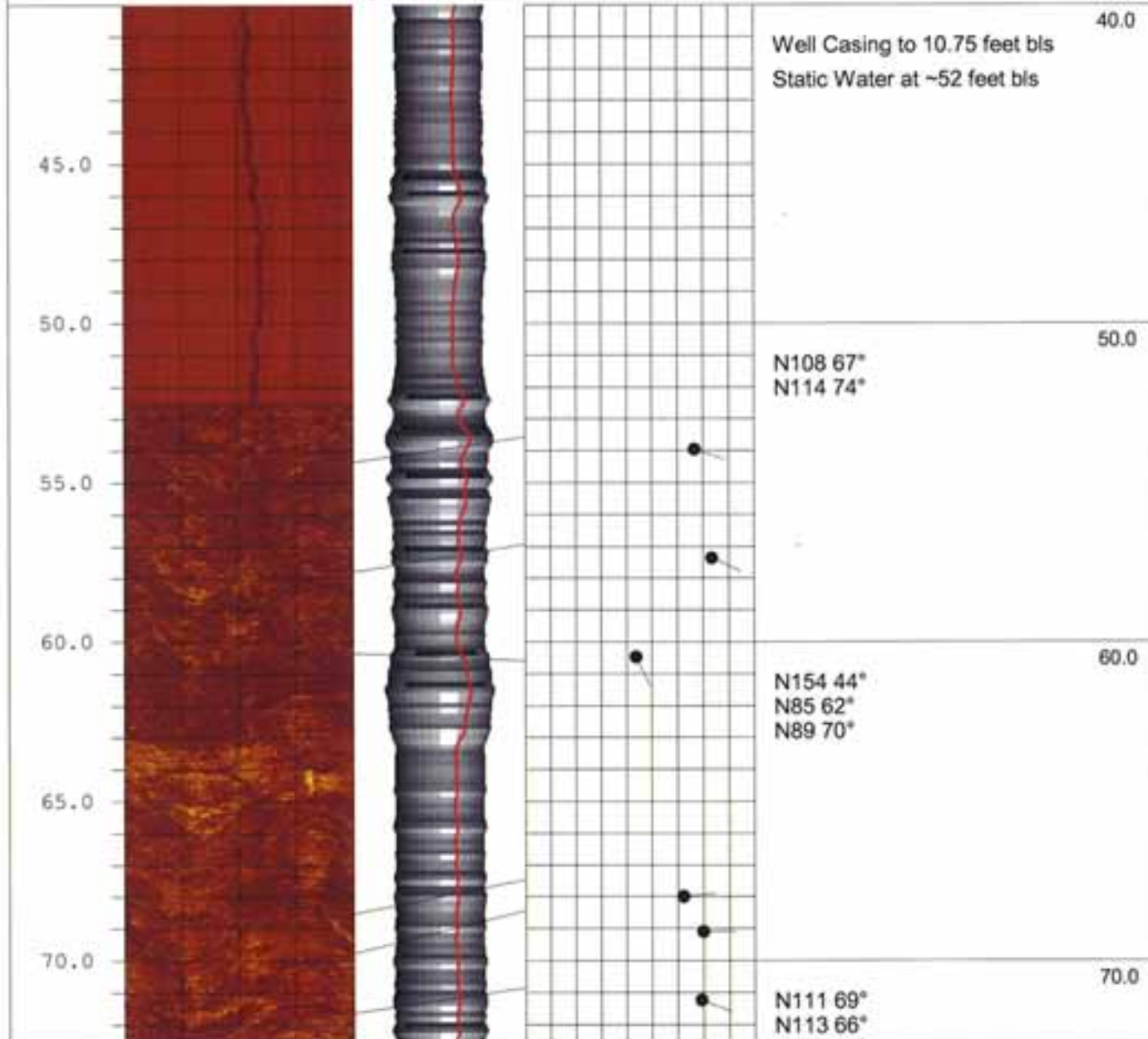
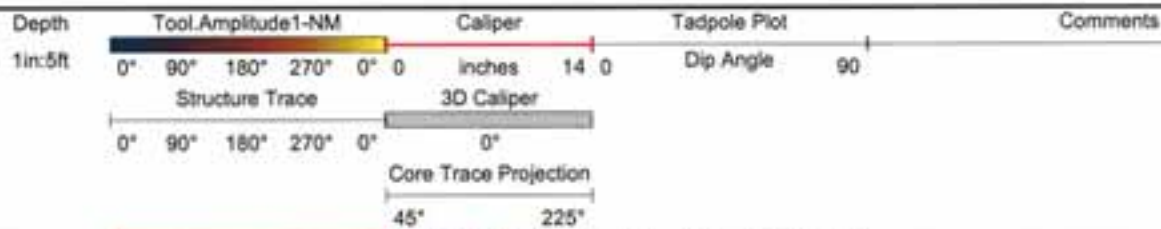
**Location:** Monrovia, MD

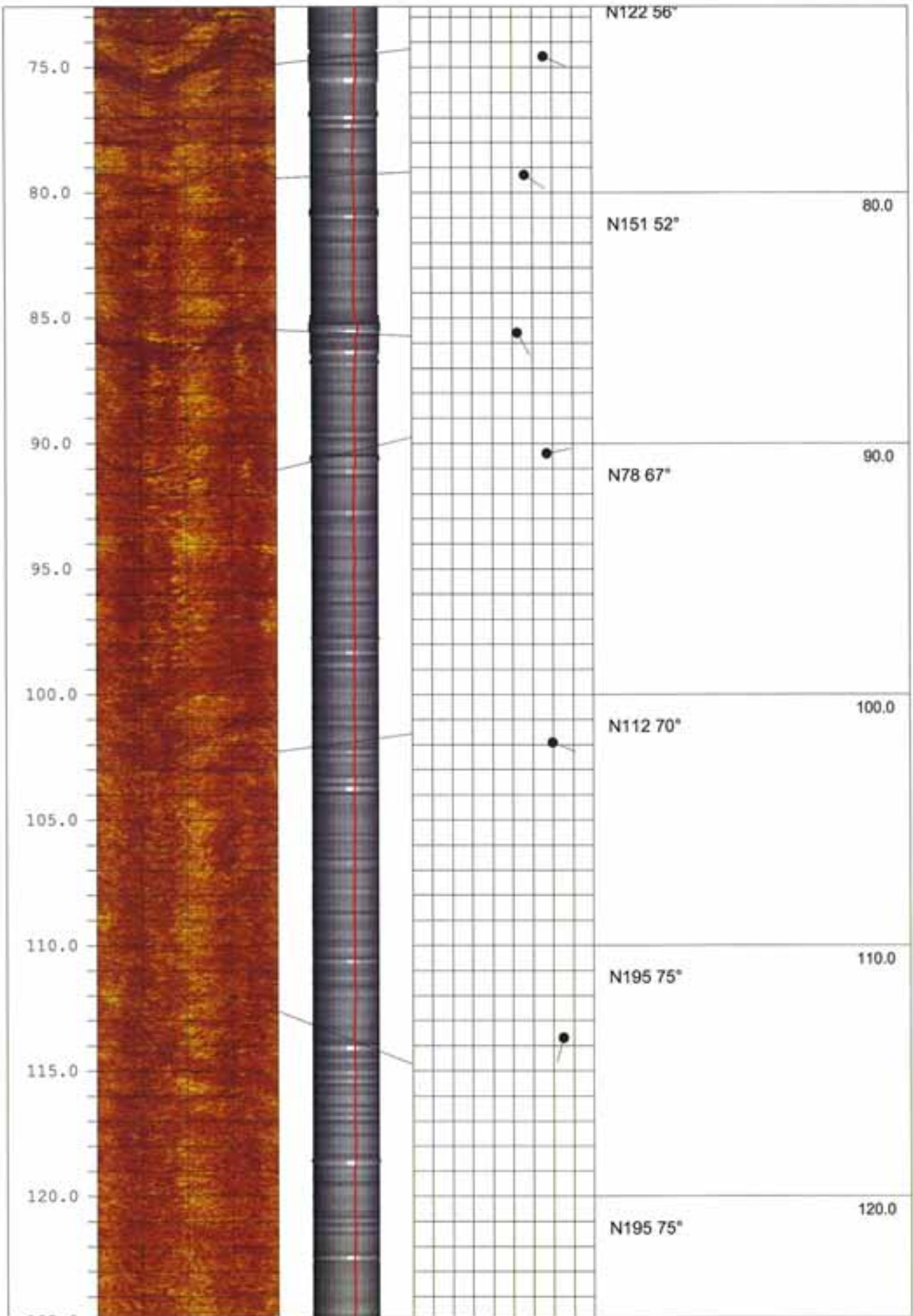
**Casing Material:** Steel

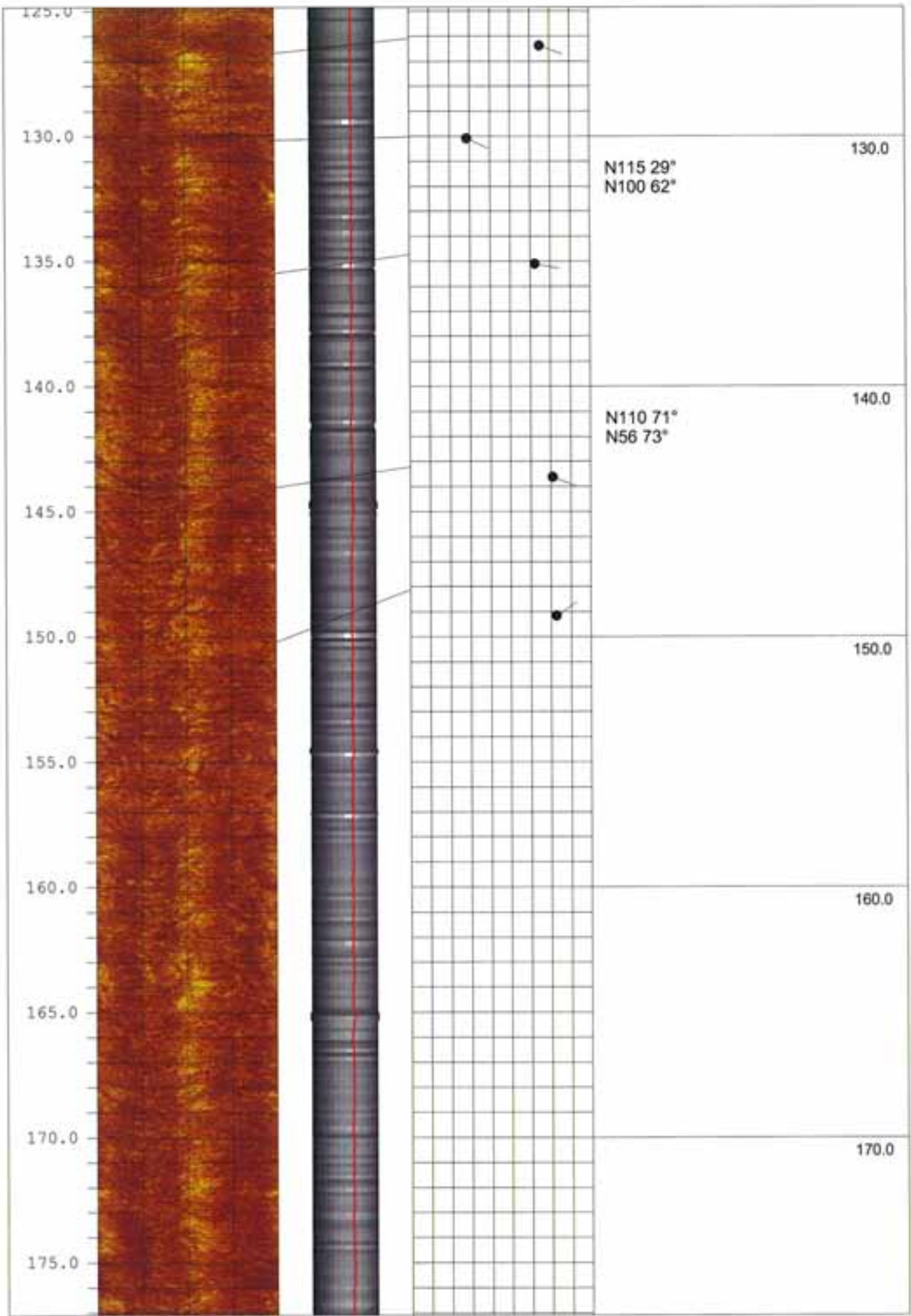
**Witness:** Megan Brown

**Dip Azimuth:** True North

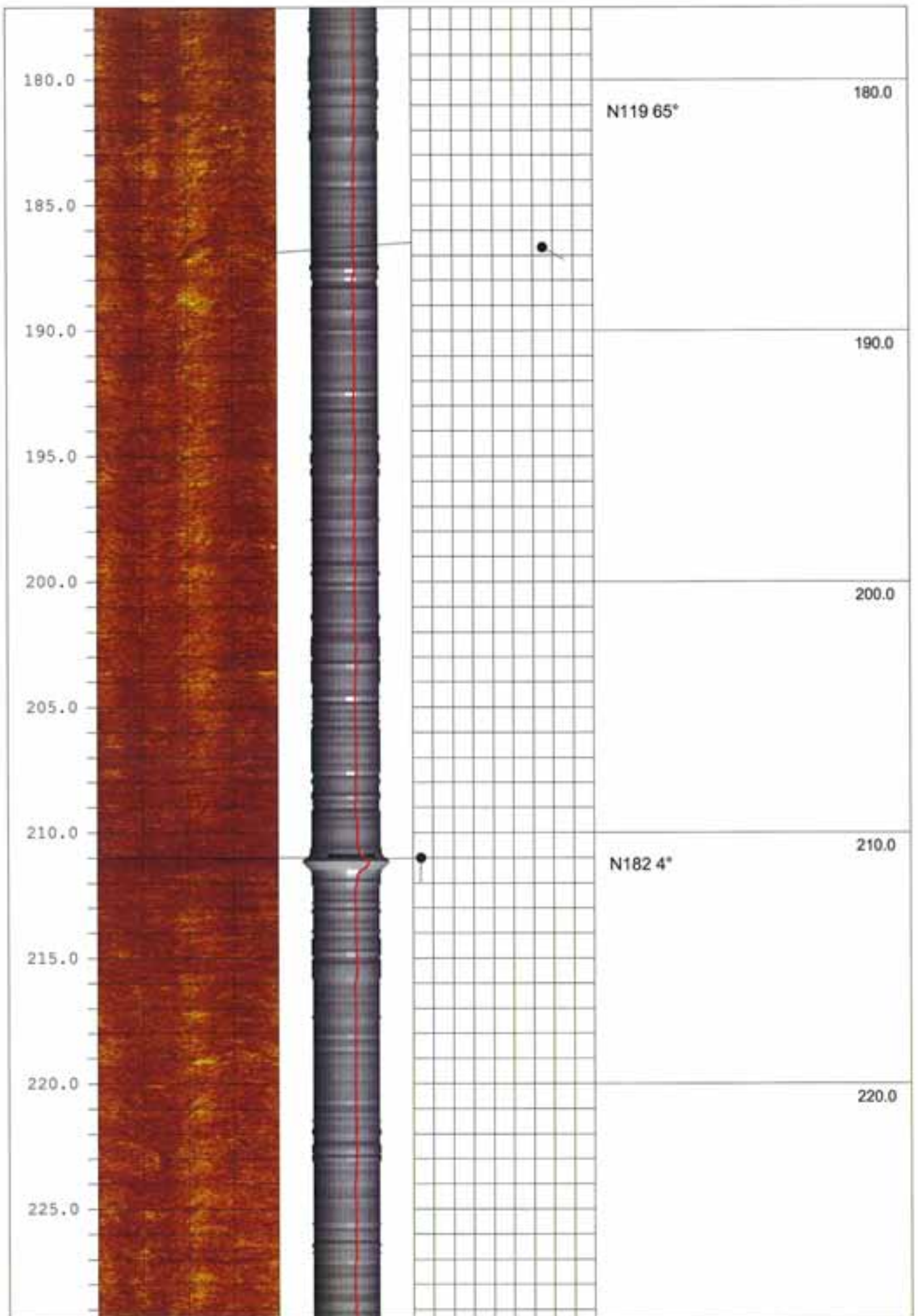
**Dip Angle:** Corrected For Deviation

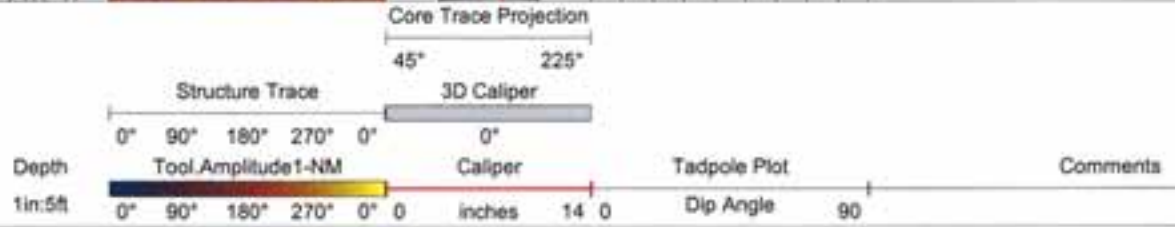
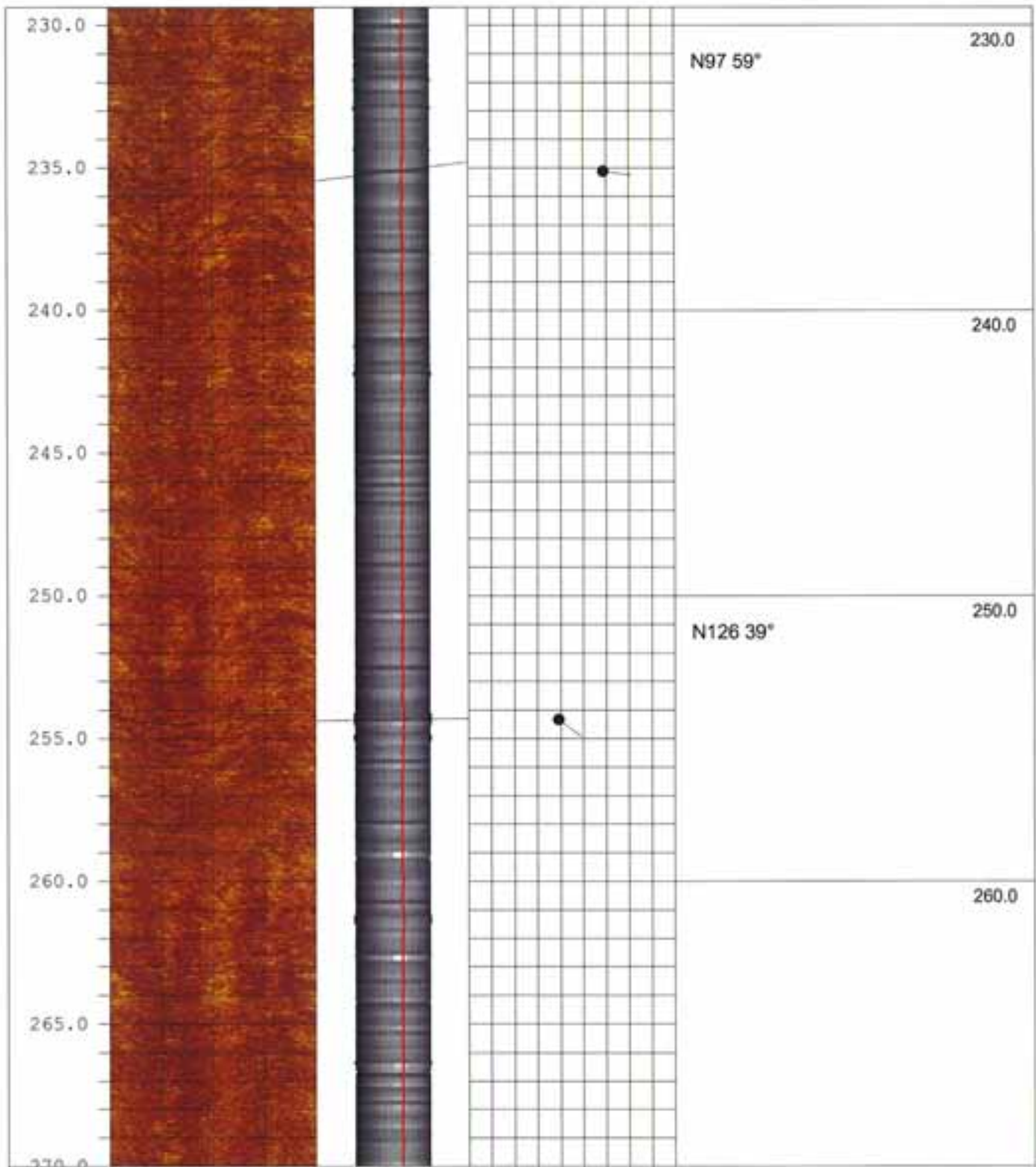


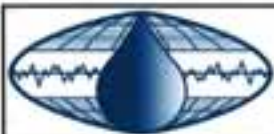












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www.earthdatainc.com

**WELL I.D.**

MW-14D

Logging Date: 11/2/09  
Logging Speed: 27 f/min x Up Down  
BOC: 10' TD: 273.6'

**Project:** Environmental Alliance/Monrovia, MD  
BP Geo Logs

**Bit Size:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

**Fluid Type:** Water

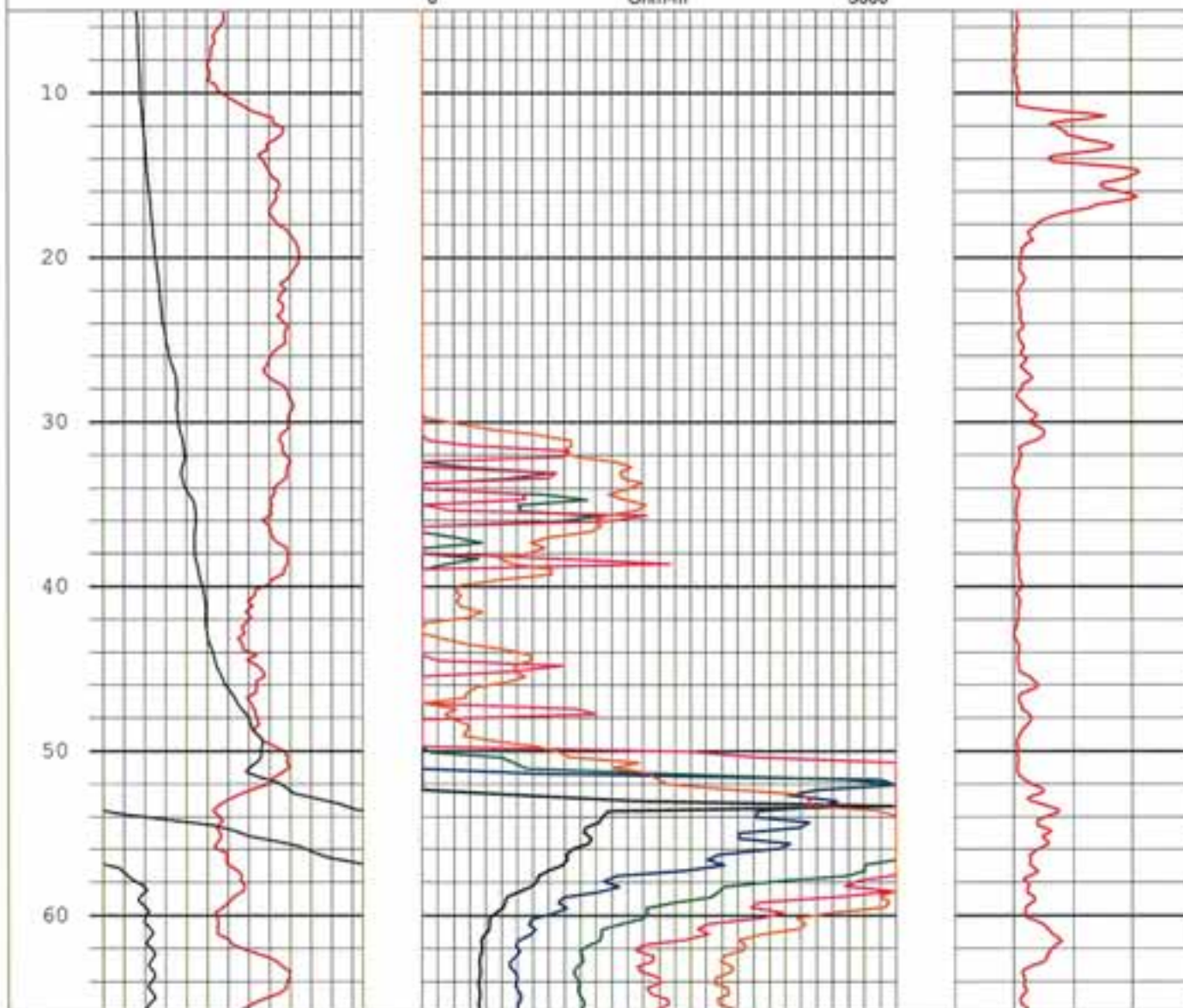
**Technician:** JKrewson

**Location:** Monrovia, MD

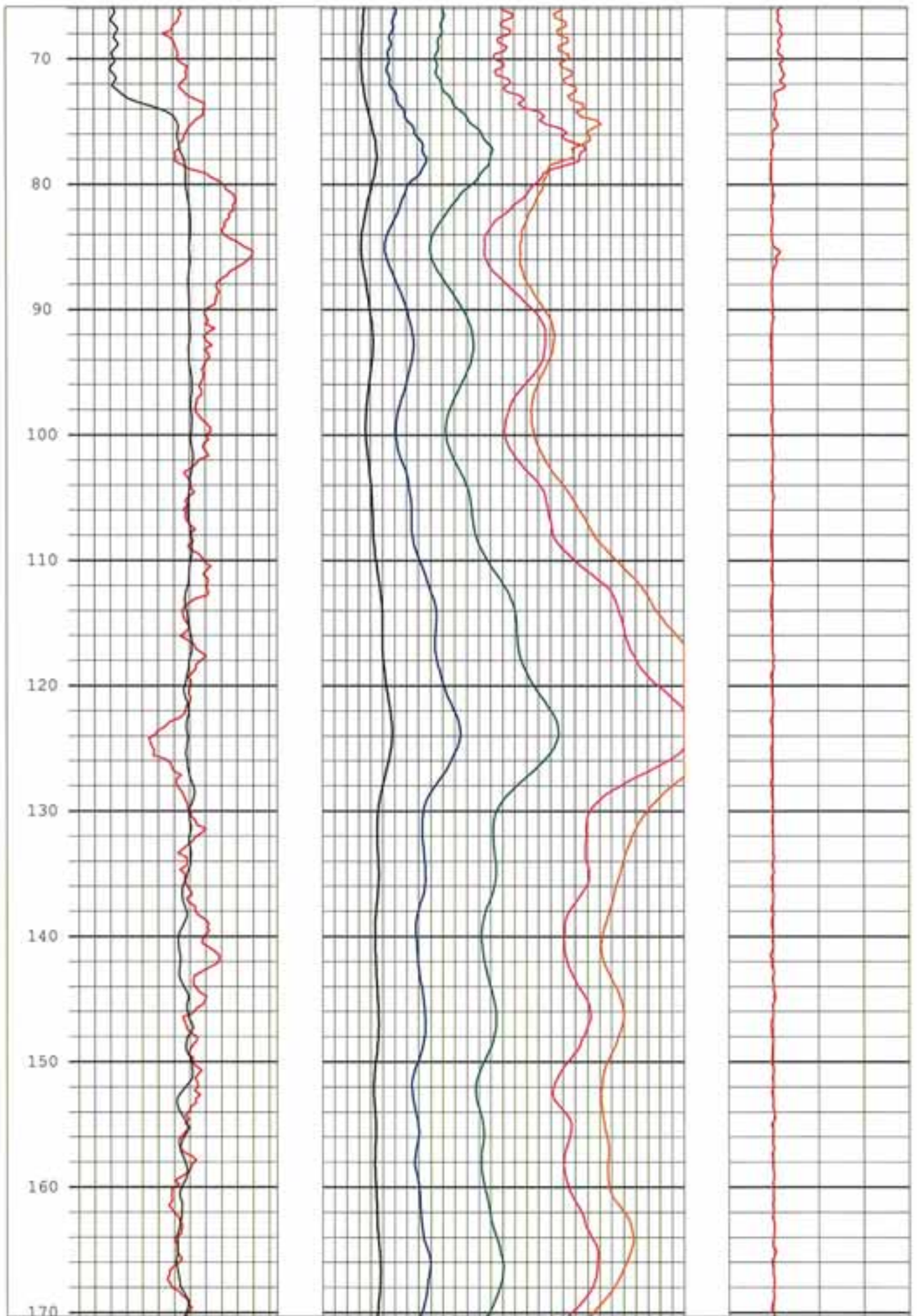
**GPS:** N39° 20.577' W077° 15.223'

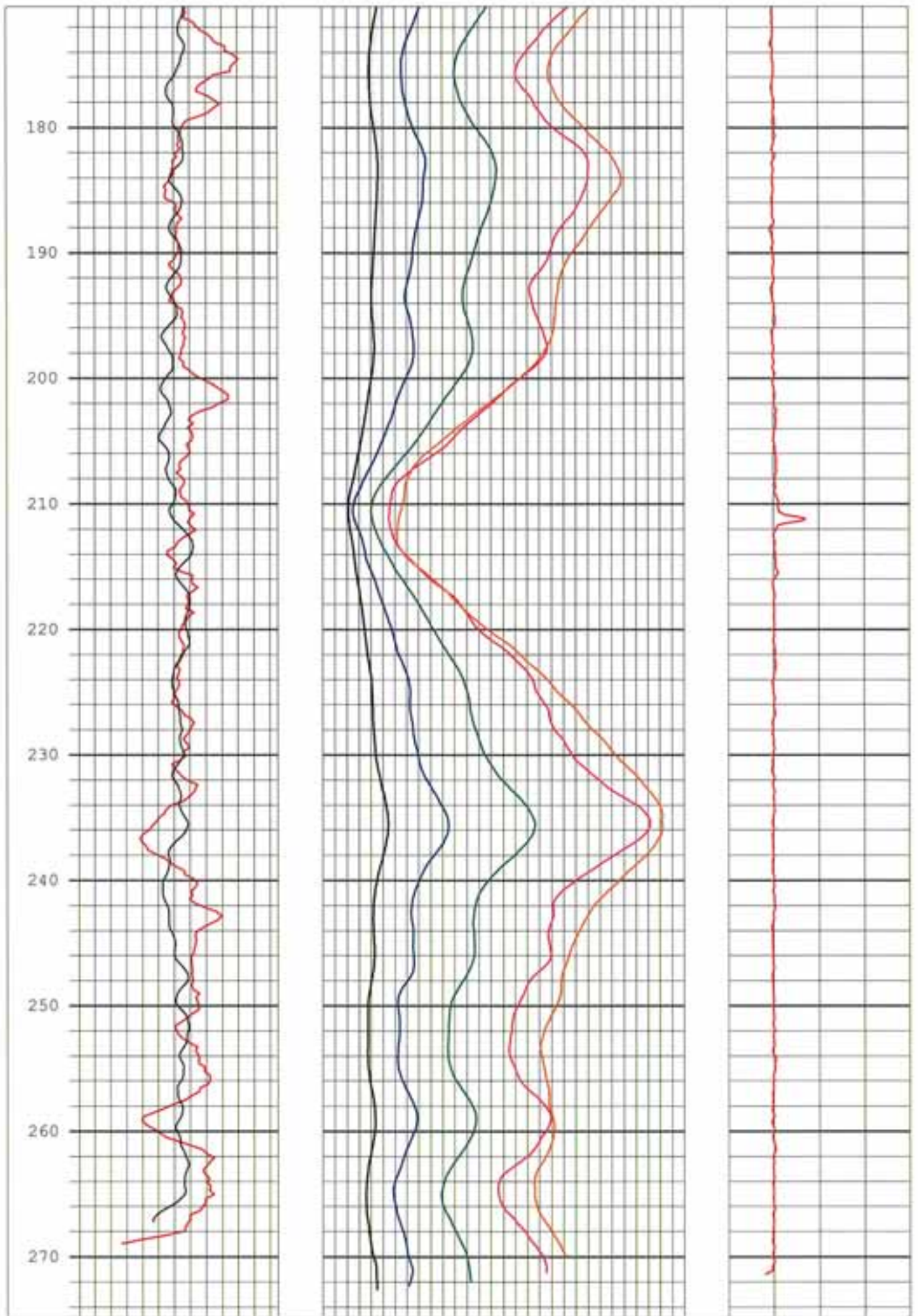
**Casing Material:** Steel

**Witness:** Megan Brown













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 Phone: (410) 758-8160 / Facsimile (410) 758-8168  
 www.earthdatainc.com

**WELL I.D.**  
 MW-14D

Logging Date: 11/2/09  
 Logging Speed: 10 ft/min Up x Down  
 BOC: 10.75" TD: 273.6"

**Project:** Environmental Alliance/Monrovia, MD  
 BP Geo Logs

**Bit Size:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

**Fluid Type:** Water

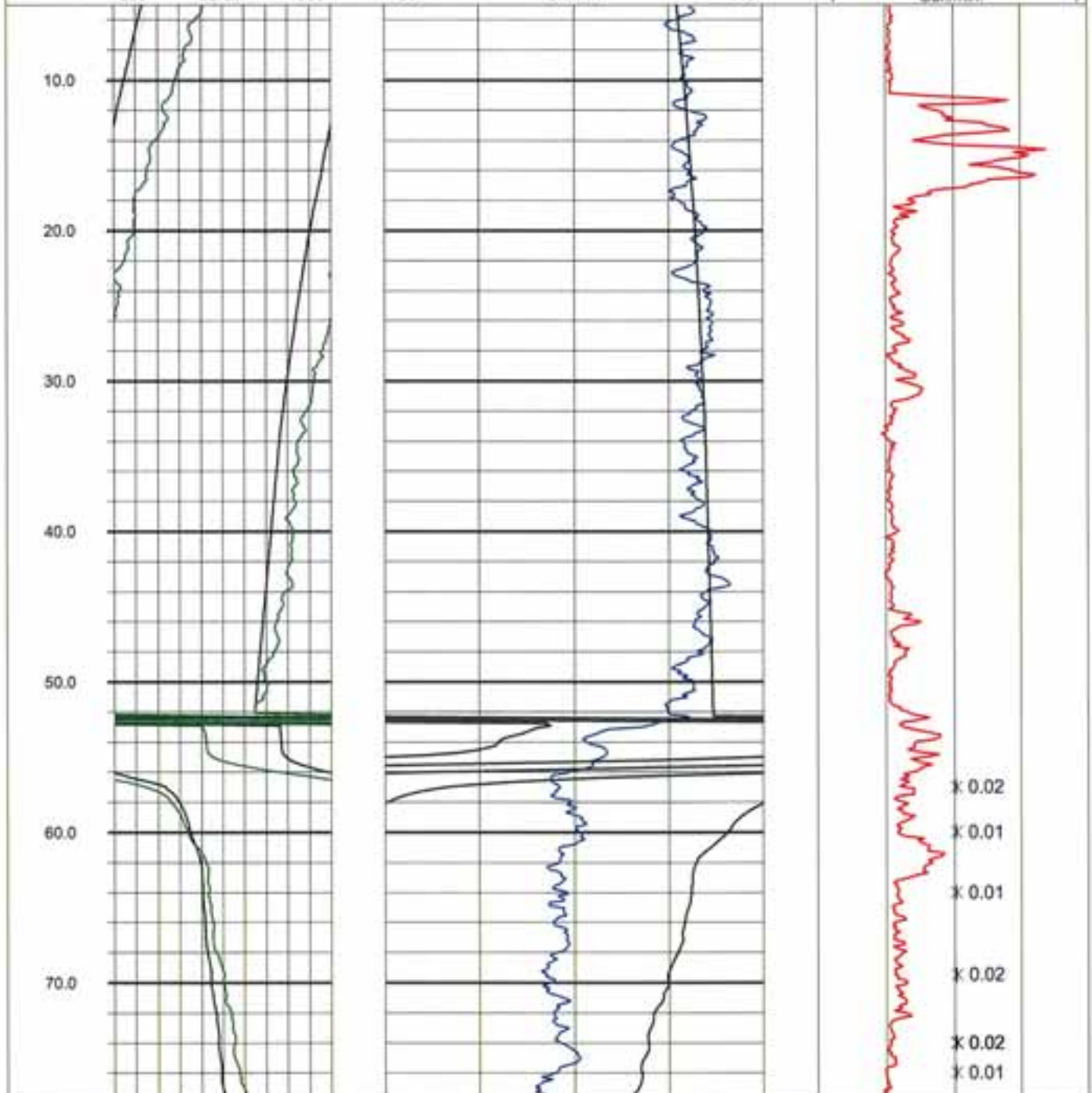
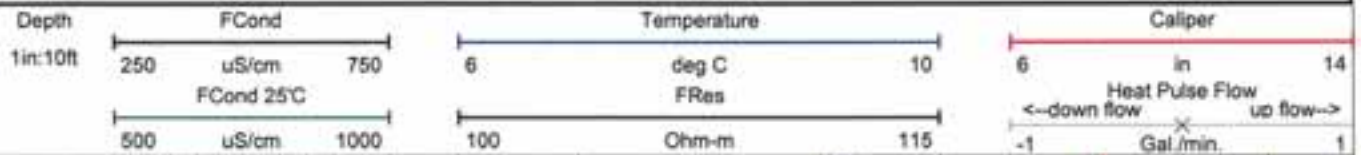
**Technician:** JKrewson

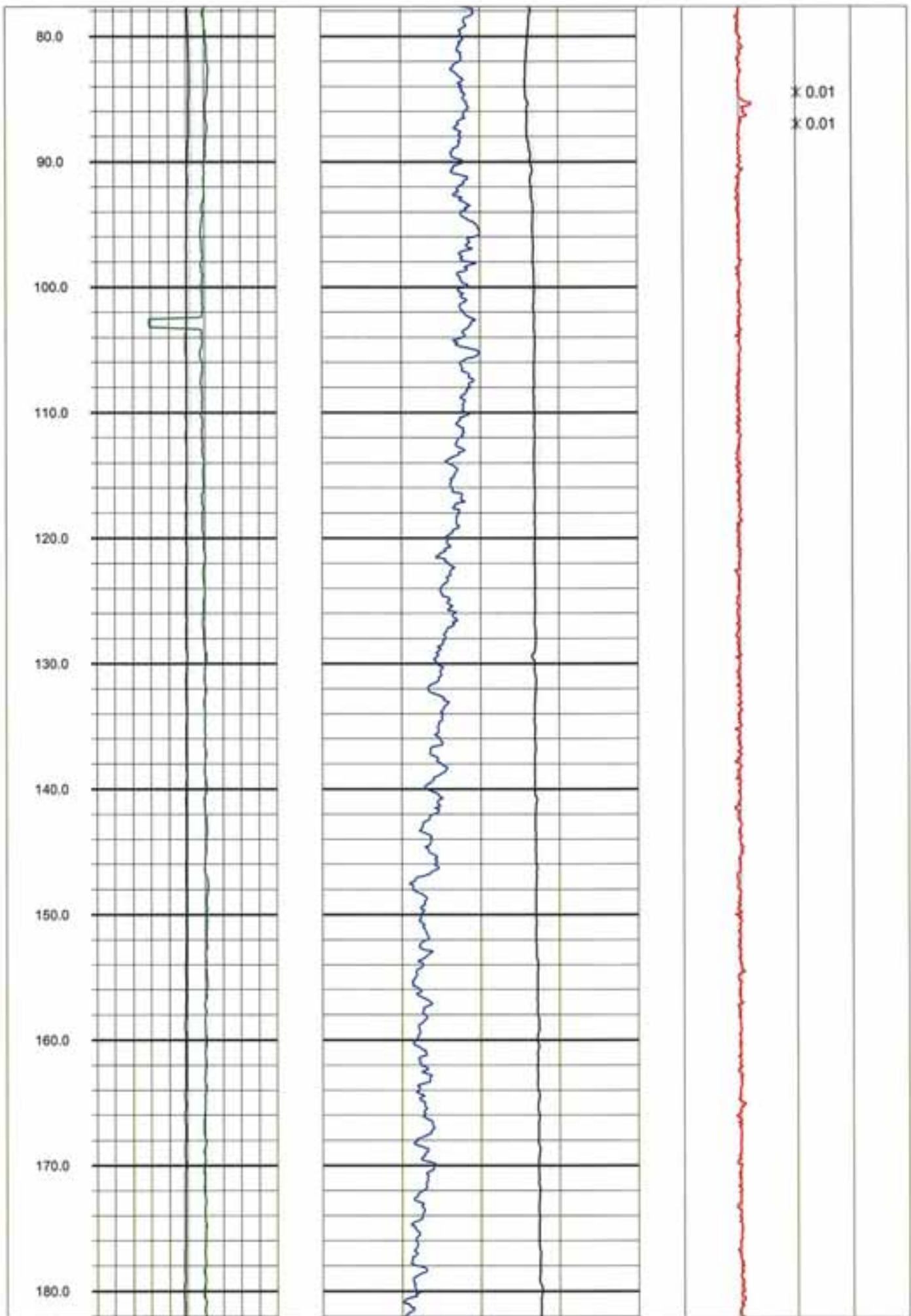
**Location:** Monrovia, MD

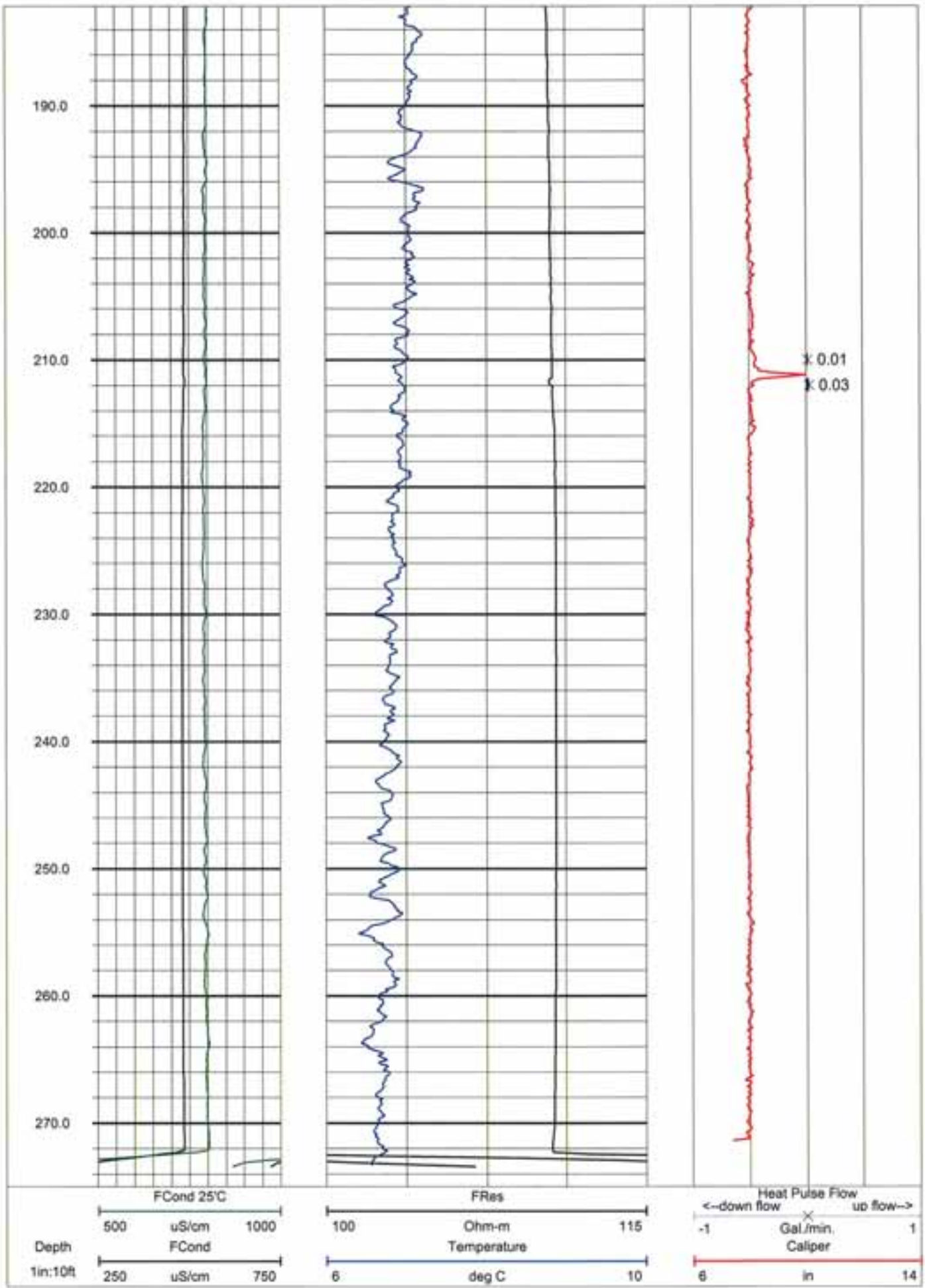
**GPS:** N39° 20.577' W077° 15.223'

**Casing Material:** NA

**Witness:** Megan Brown







**APPENDIX B**

**MW-16  
Geophysical Logs**





**Earth Data Incorporated**  
 131 Comet Drive, Centreville, MD 21617  
 Phone: (410) 758-8160 / Facsimile (410) 758-8168  
 www.earthdatainc.com

**WELL I.D.**  
 MW-16

Logging Date: 11/3/09  
 Logging Speed: 7/min x Up Down  
 BOC: 11.25' TD: 121'

**Project:** Environmental Alliance/Monrovia, MD  
 BP Geo Logs

**Borehole Diameter:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

**Fluid Type:** Water

**Technician:** JKrewson

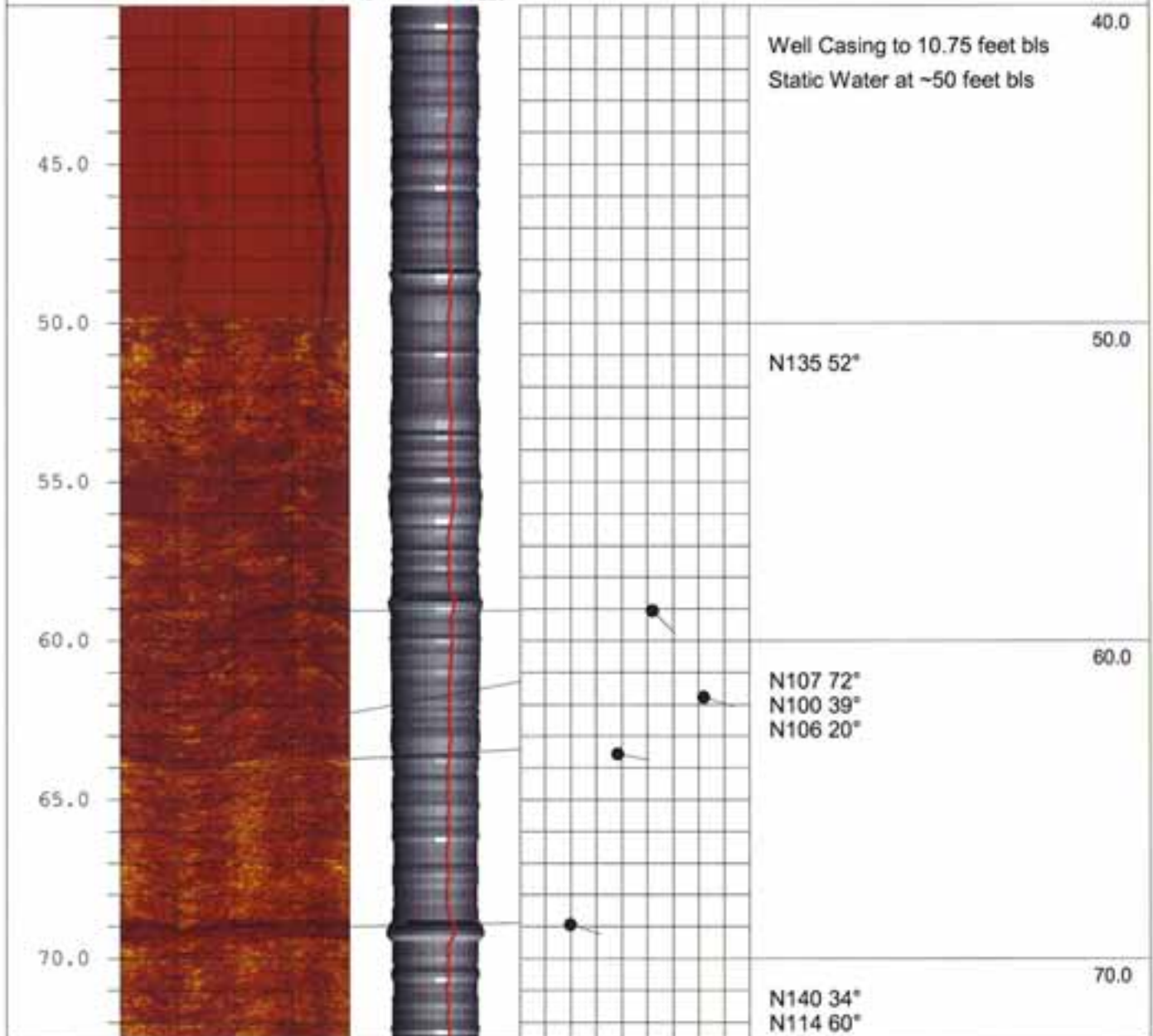
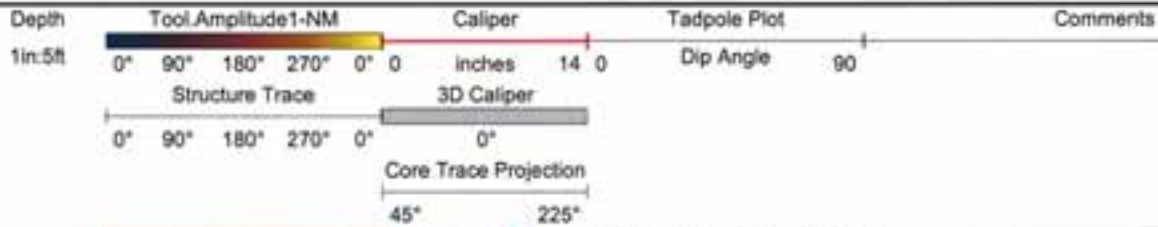
**Location:** Monrovia, MD

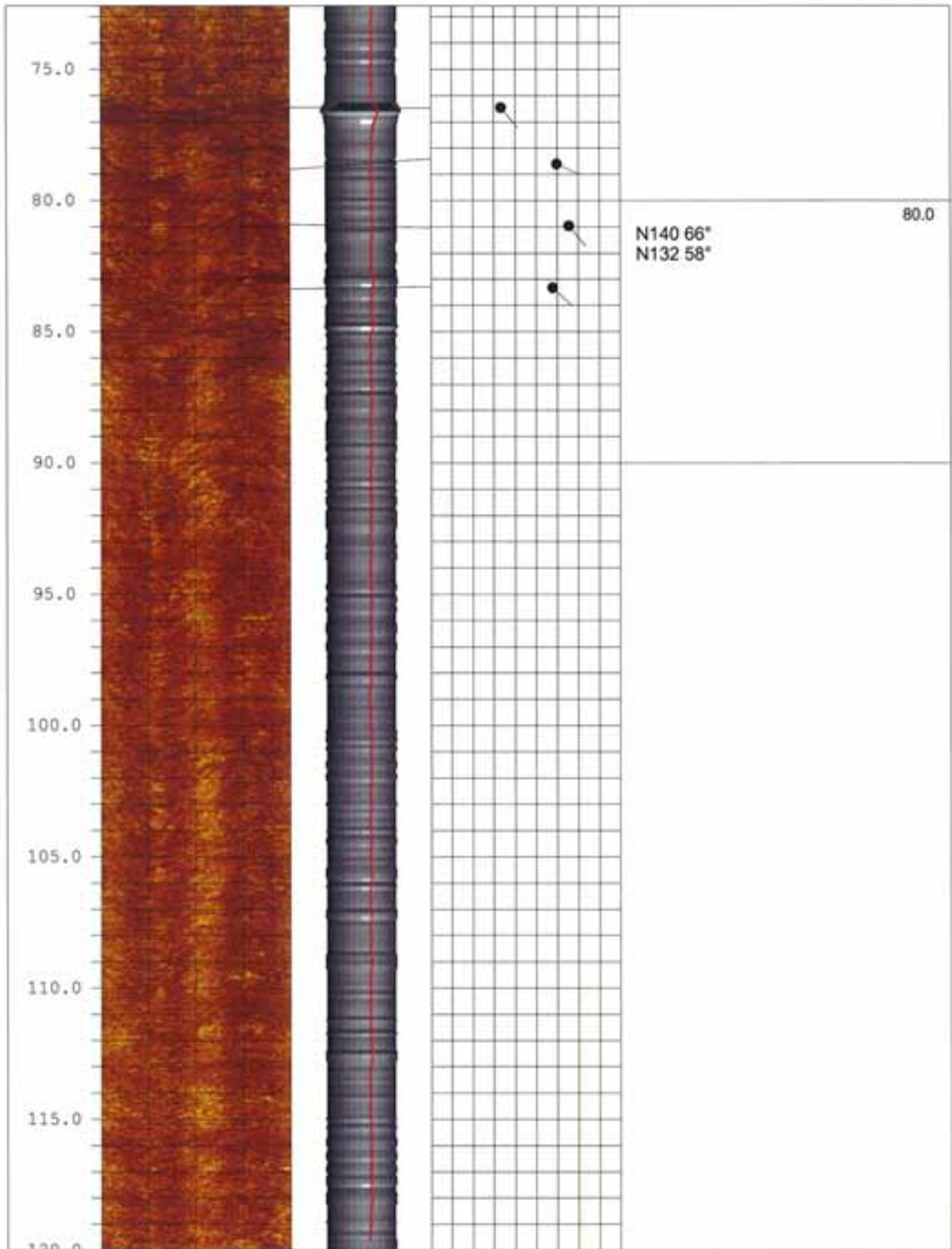
**Casing Material:** Steel

**Witness:** Matt@EA

**Dip Azimuth:** True North

**Dip Angle:** Corrected For Deviation





N140 66°  
N132 58°

80.0

Core Trace Projection  
45° 225°

Structure Trace  
3D Caliper

0° 90° 180° 270° 0°  
0° 0°

Depth Tool Amplitude 1-NM Caliper Tadpole Plot Comments





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**WELL I.D.**  
 MW-16

Logging Date: 11/3/09  
 Logging Speed: 25/min x Up Down  
 BOC: 11.25' TD: 121'

**Project:** Environmental Alliance/Monrovia, MD  
 BP Geo Logs

**Bit Size:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

**Fluid Type:** Water

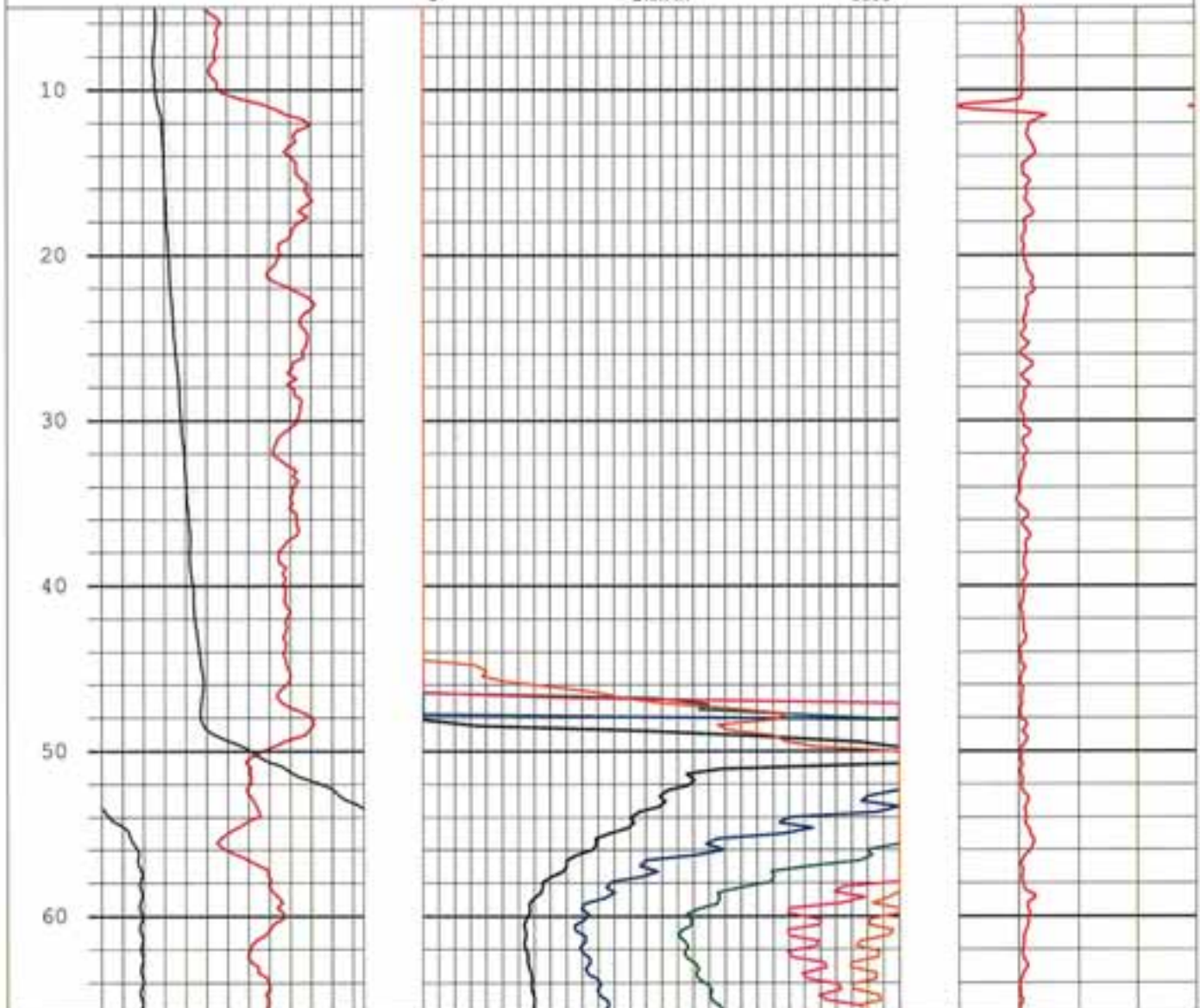
**Technician:** JKrewson

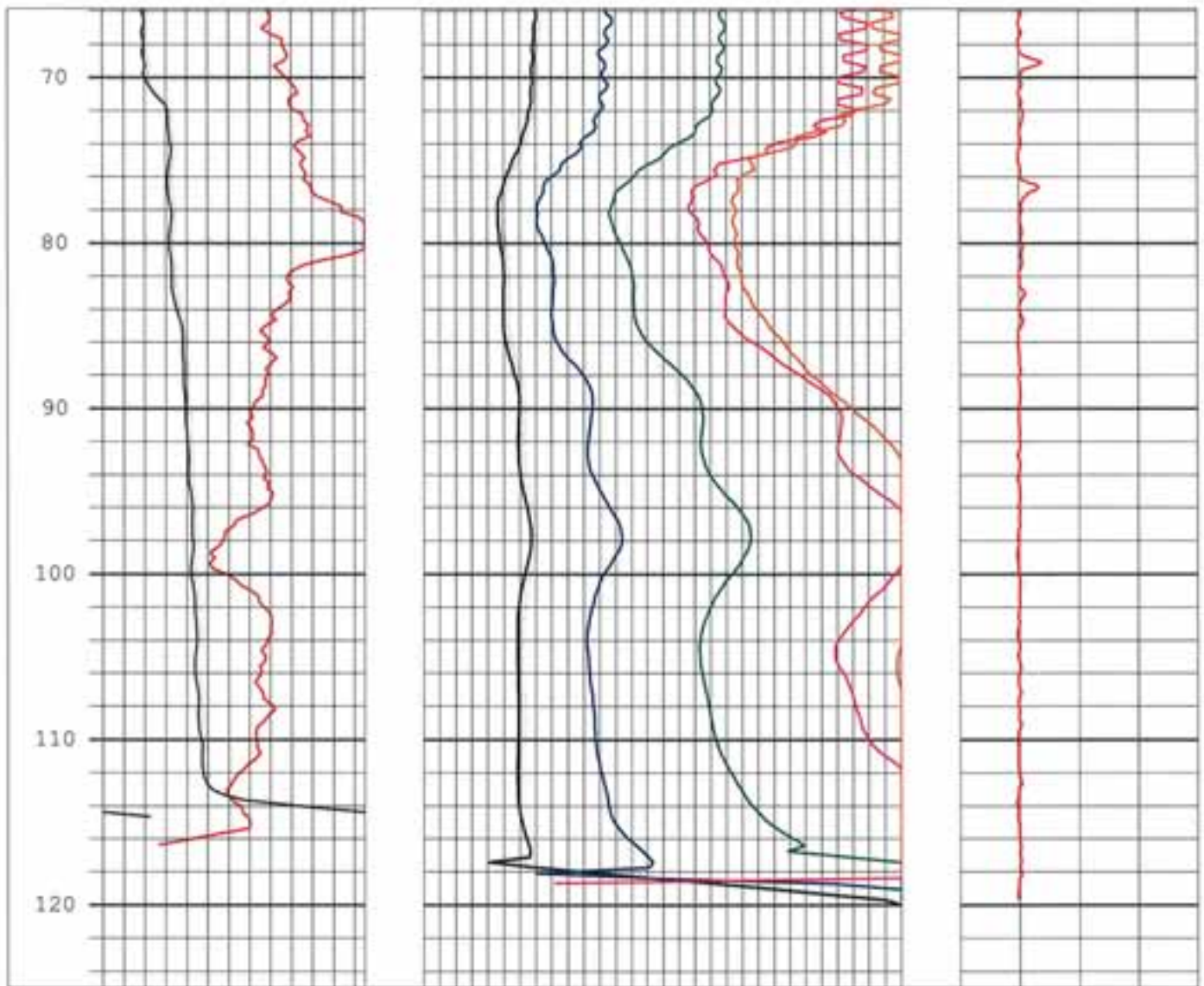
**Location:** Monrovia, MD

**GPS:** N39° 20.572' W077° 15.235'

**Casing Material:** Steel

**Witness:** Matt@EA







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 131 Comet Drive, Centreville, MD 21617  
 Phone: (410) 758-8160 / Facsimile (410) 758-8168  
 www.earthdatainc.com

**WELL I.D.**  
 MW-16

Logging Date: 11/3/09  
 Logging Speed: 10'/min Up x Down  
 BOC: 11.25' TD: 121'

**Project:** Environmental Alliance/Monrovia, MD  
 BP Geo Logs

**Bit Size:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

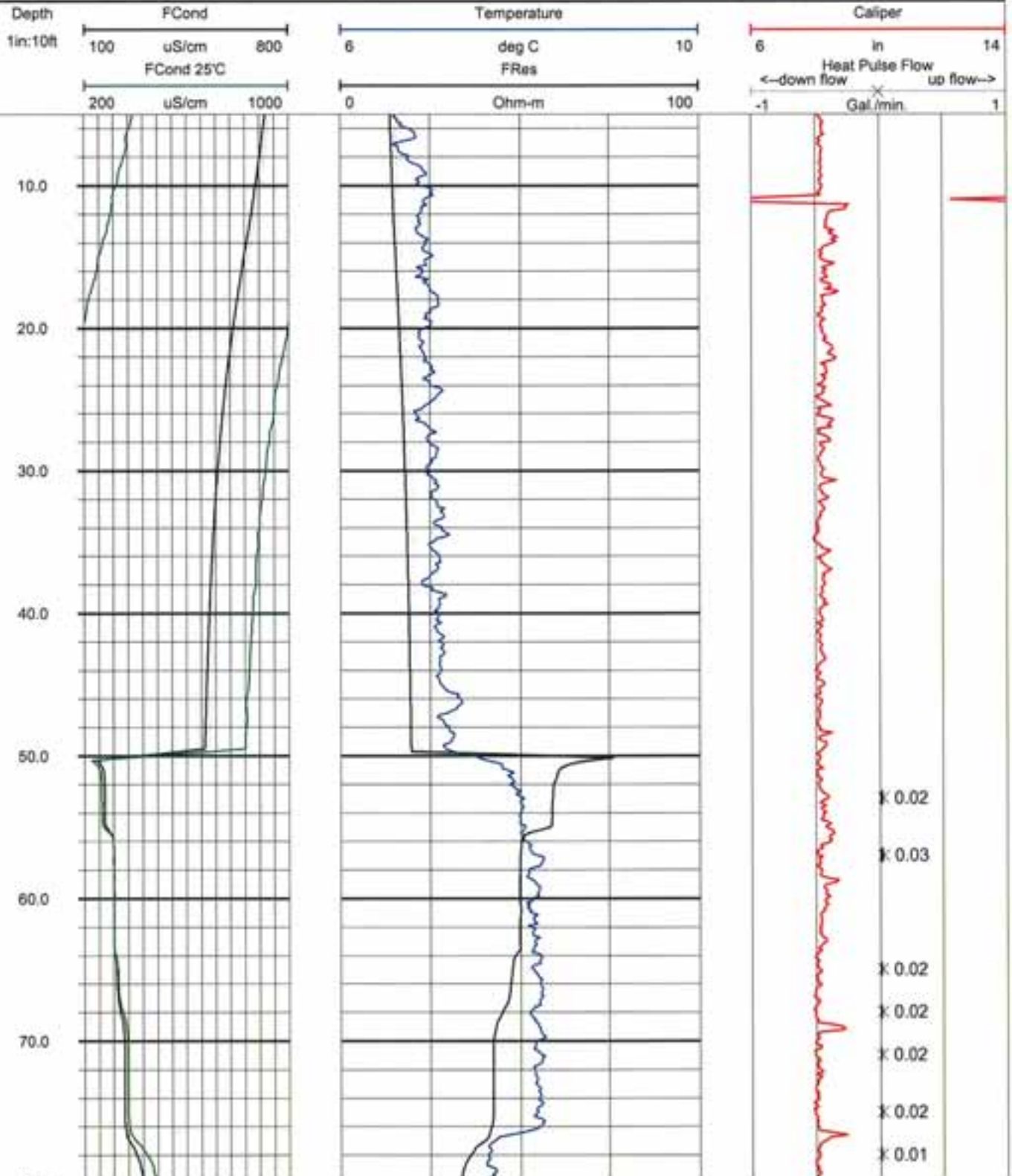
**Fluid Type:** Water

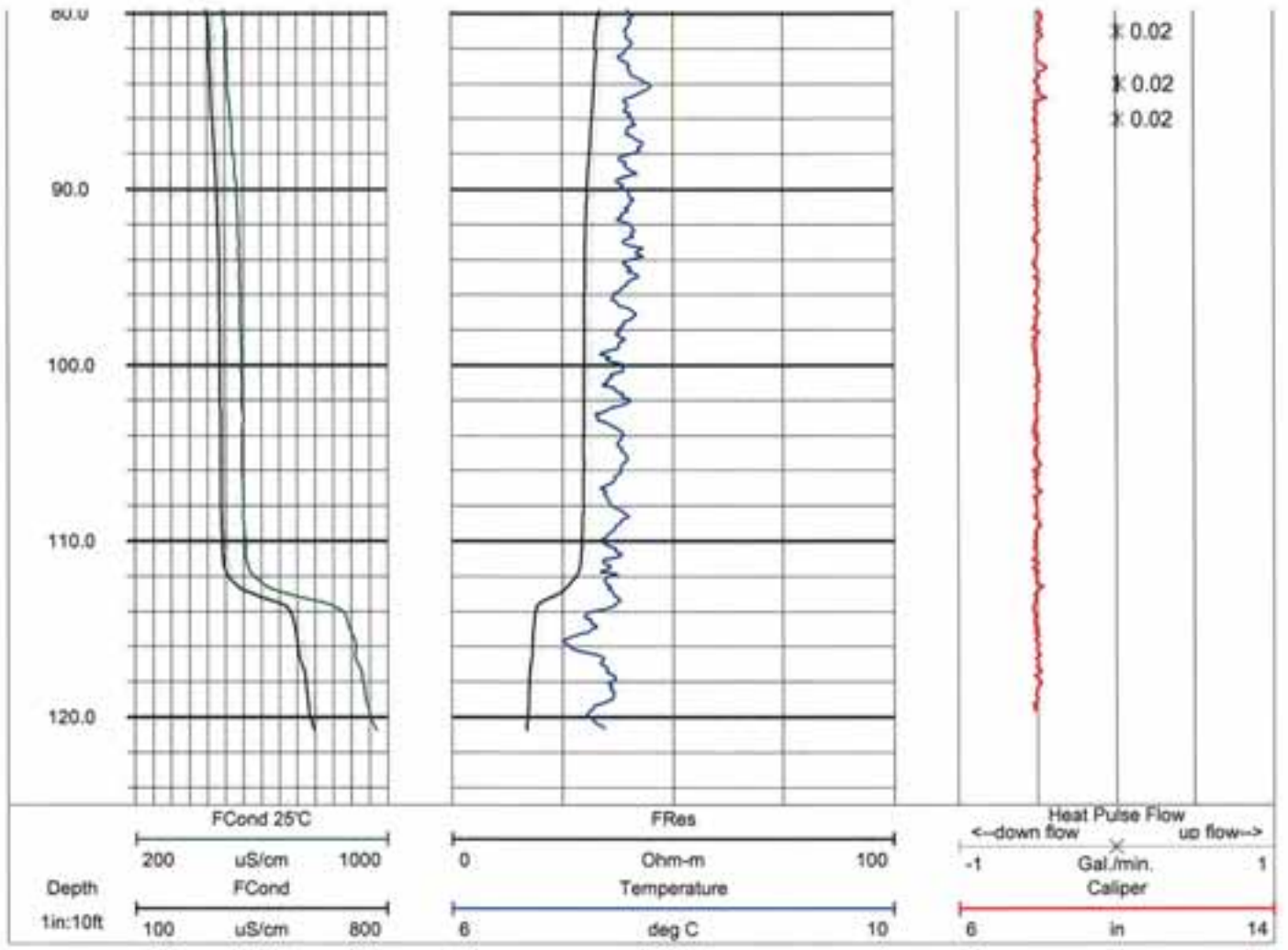
**Technician:** JKrewson

**Location:** Monrovia, MD

**GPS:** N39° 20.572' W077° 15.235'

**Casing Material:** Steel **Witness:** Mat@EA





**APPENDIX C**

**MW-17  
Geophysical Logs**





**Earth Data Incorporated**  
 131 Comet Drive, Centreville, MD 21617  
 Phone: (410) 758-8160 / Facsimile (410) 758-8168  
 www.earthdatainc.com

**WELL I.D.**  
 MW-17

Logging Date: 11/3/09  
 Logging Speed: 7/min x Up Down  
 BOC: 11' TD: 121'

**Project:** Environmental Alliance/Monrovia, MD  
 BP Geo Logs

**Borehole Diameter:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

**Fluid Type:** Water

**Technician:** JKrewson

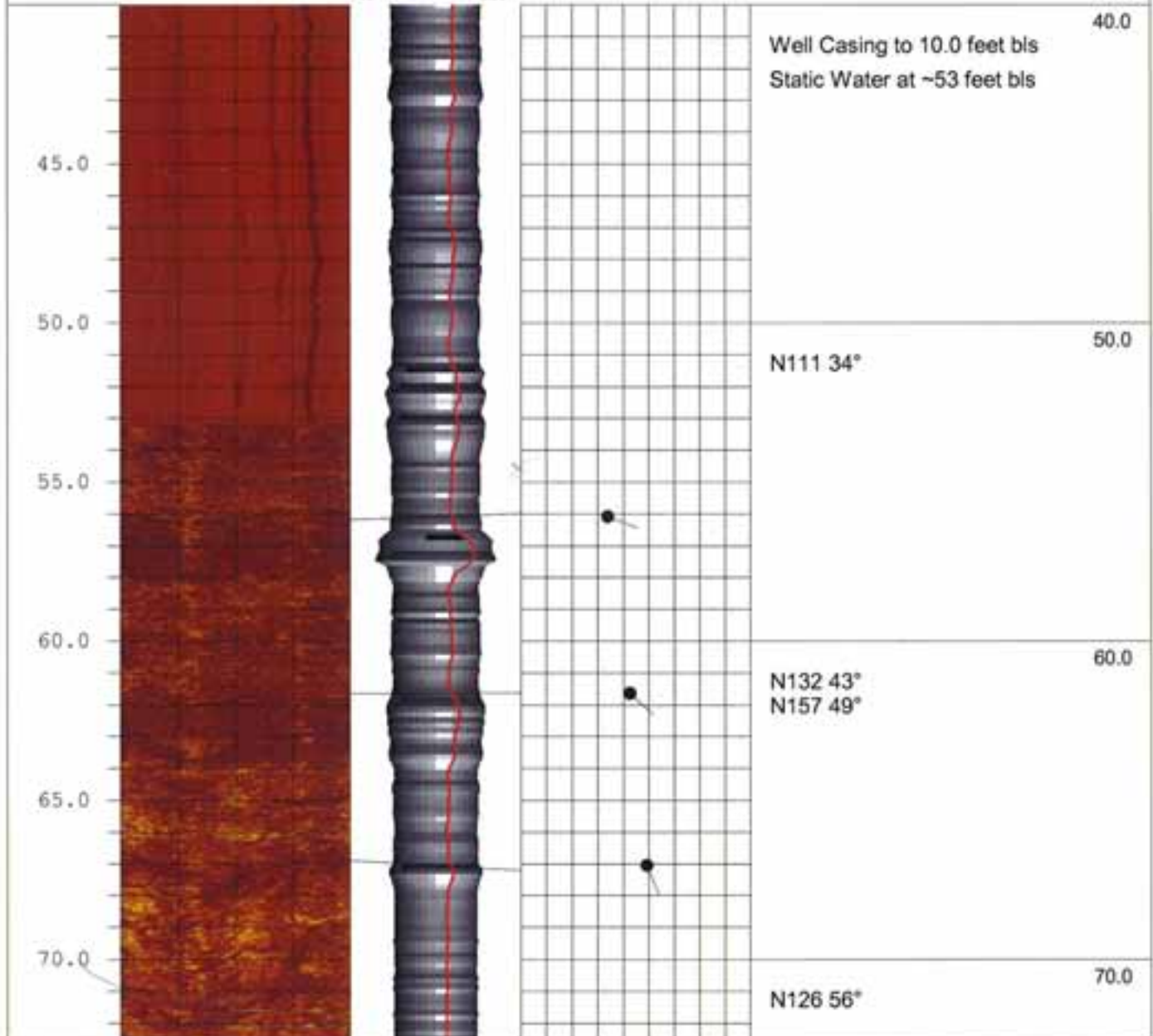
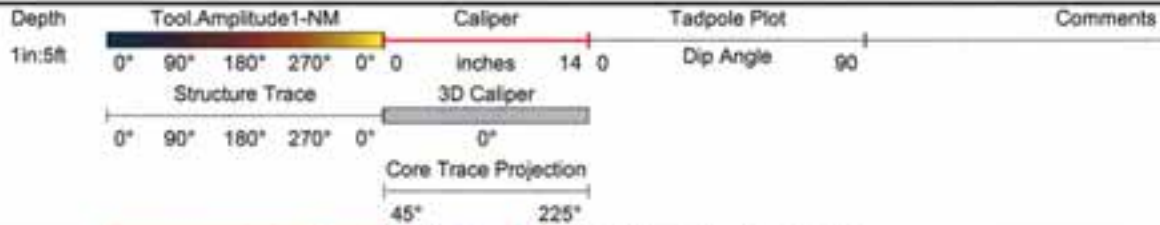
**Location:** Monrovia, MD

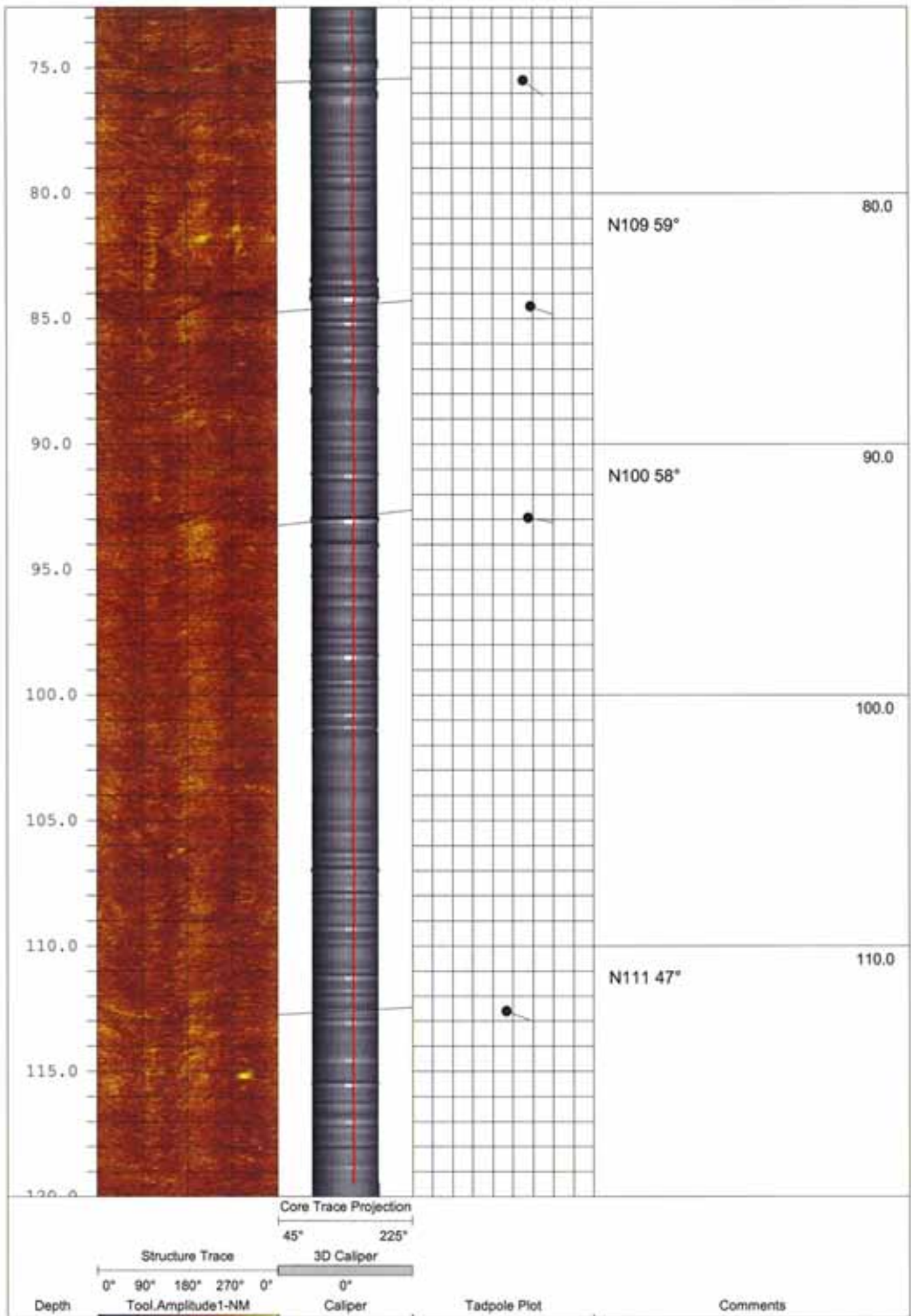
**Casing Material:** Steel

**Witness:** Matt@EA

**Dip Azimuth:** True North

**Dip Angle:** Corrected For Deviation







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 Phone: (410) 758-8160 / Facsimile (410) 758-8168  
 www.earthdatainc.com

**WELL I.D.**  
 MW-17

Logging Date: 11/3/09  
 Logging Speed: 25 ft/min x Up Down  
 BOC: 11' TD: 121'

**Project:** Environmental Alliance/Monrovia, MD  
 BP Geo Logs

**Bit Size:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

**Fluid Type:** Water

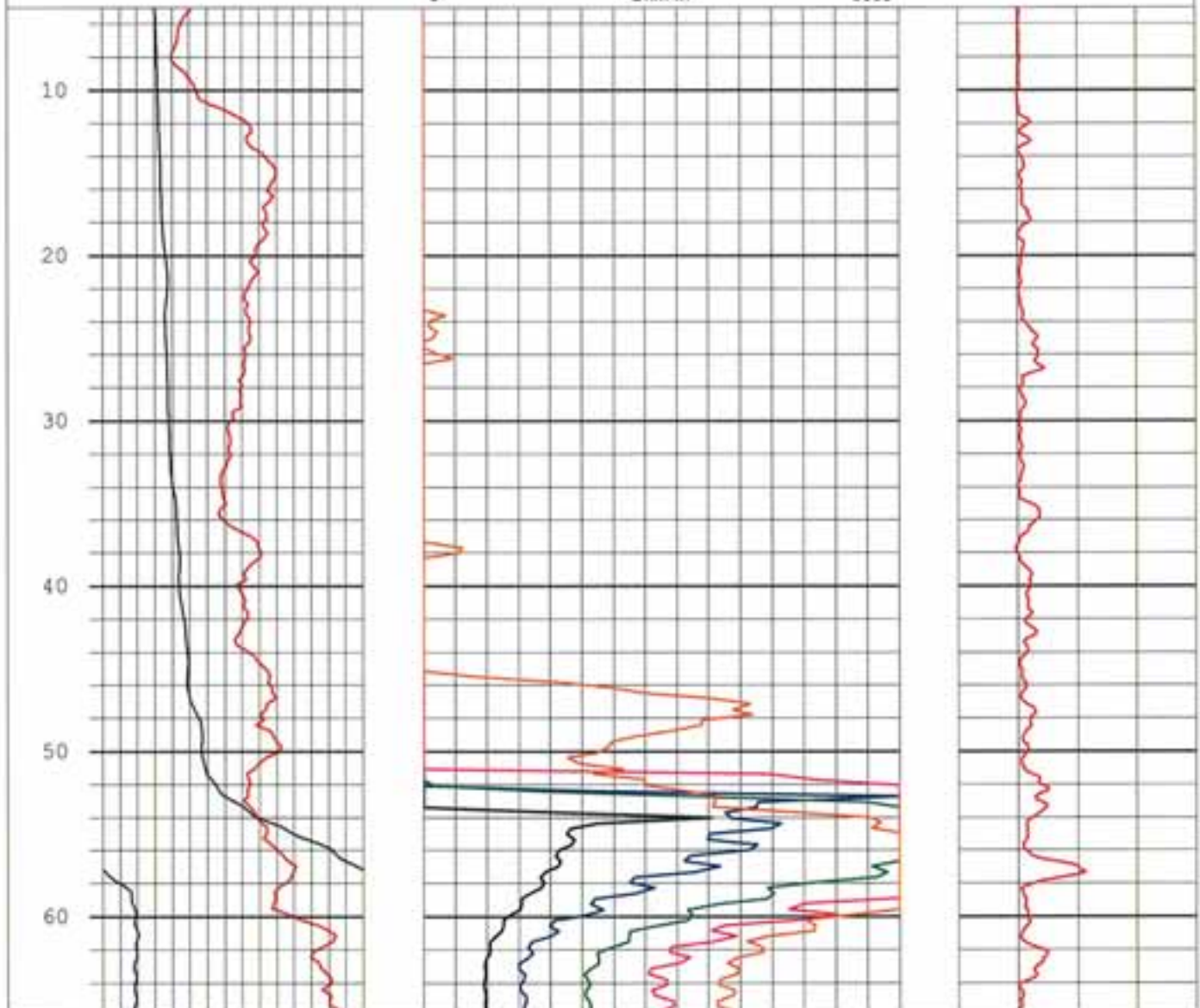
**Technician:** JKrewson

**Location:** Monrovia, MD

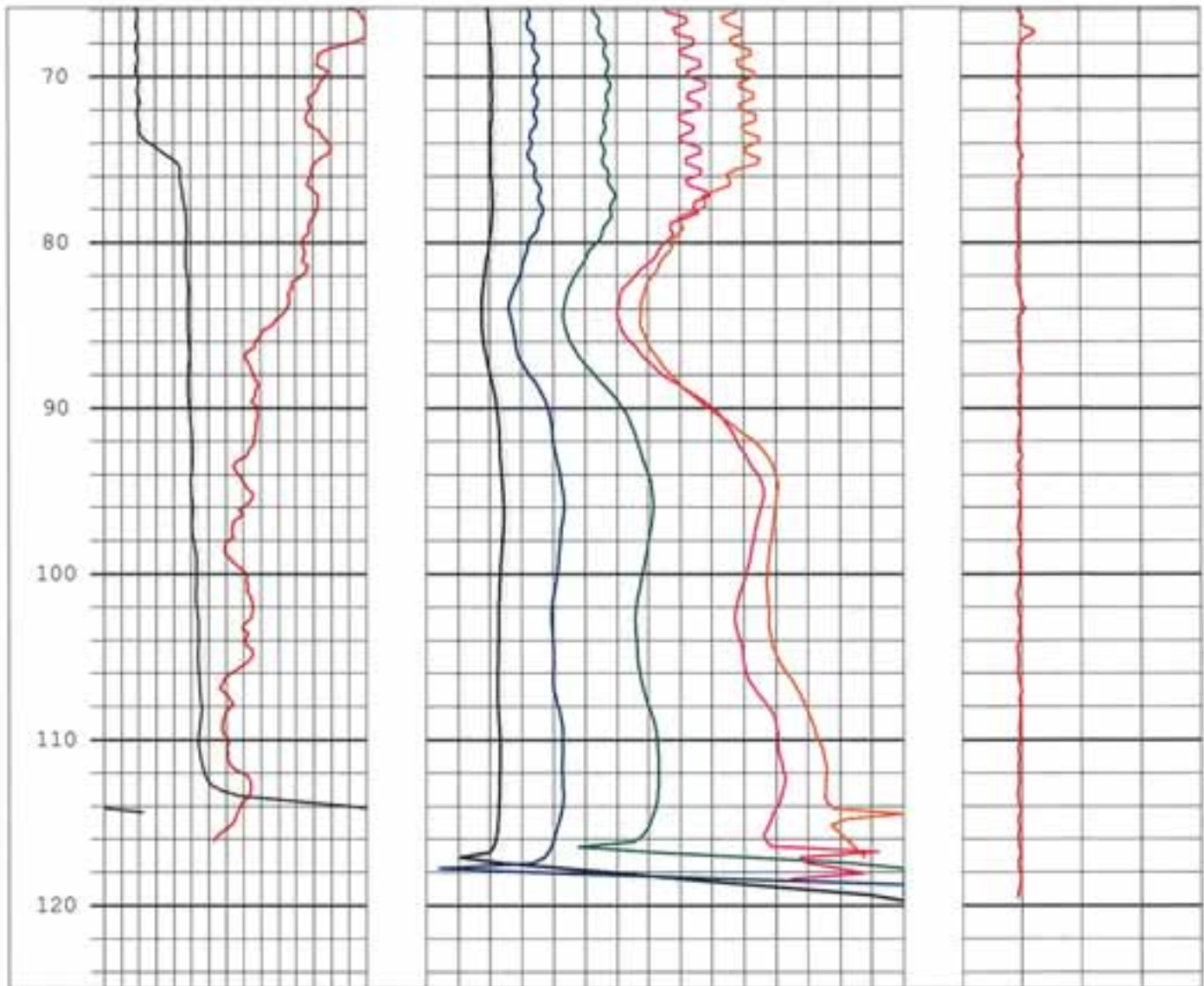
**GPS:** N39° 20.574' W077° 12.251'

**Casing Material:** Steel

**Witness:** Matt@EA









**Earth Data Incorporated**  
 131 Comet Drive, Centreville, MD 21617  
 Phone: (410) 758-8160 / Facsimile (410) 758-8168  
 www.earthdatainc.com

**WELL I.D.**  
 MW-17

Logging Date: 11/3/09  
 Logging Speed: 107/min Up x Down  
 BOC: 11' TD: 121'

**Project:** Environmental Alliance/Monrovia, MD  
 BP Geo Logs

**Bit Size:** 8"

**EDI Job No.:** 4122

**Client:** Environmental Alliance

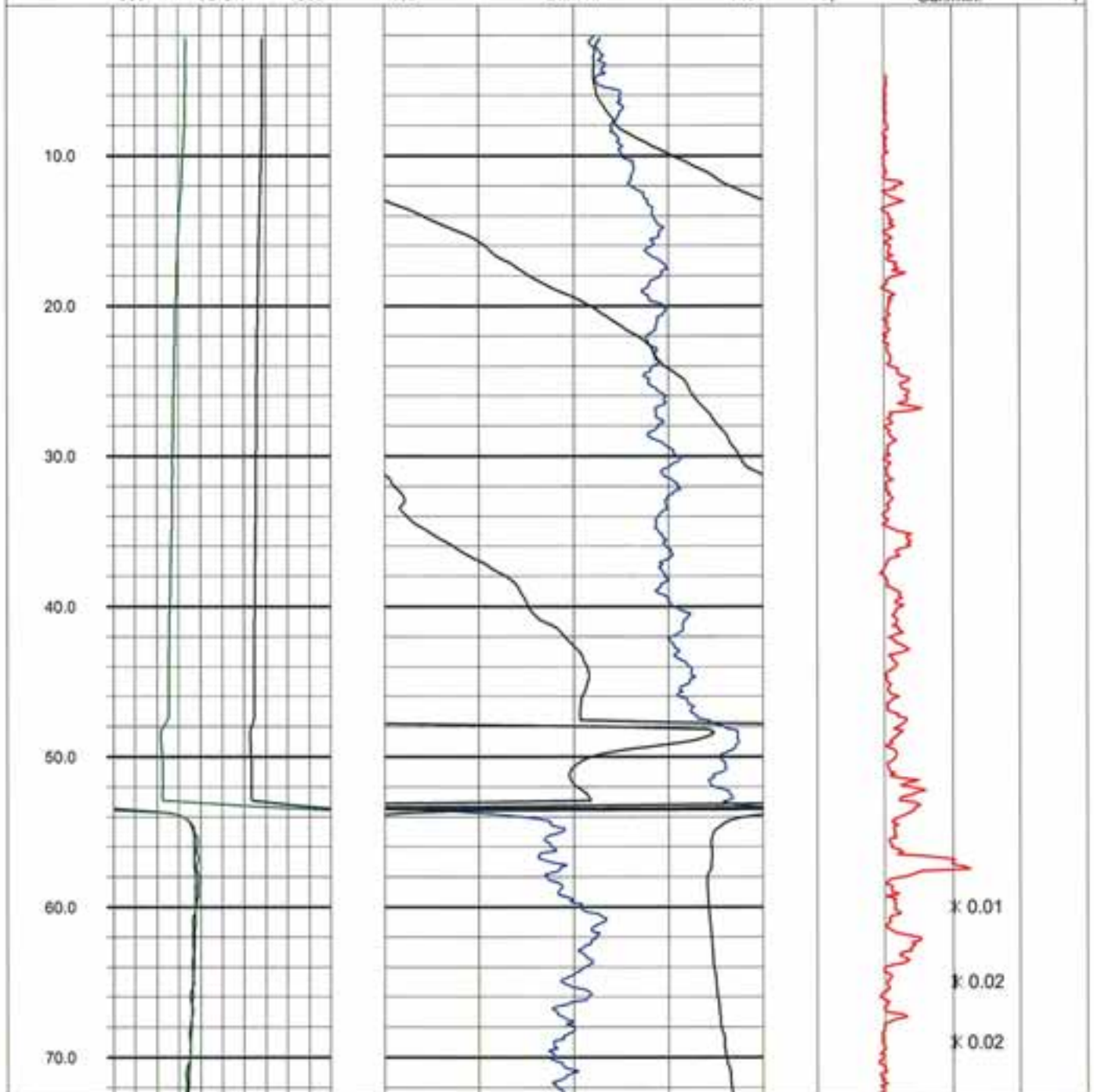
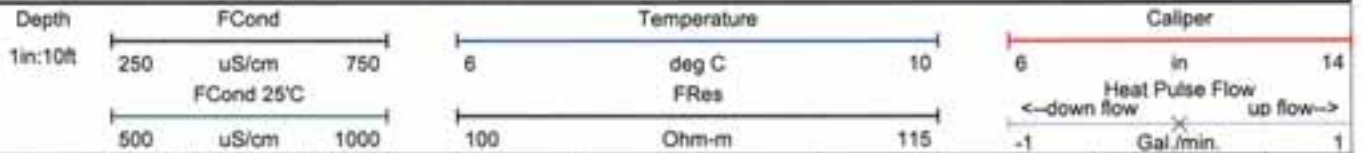
**Fluid Type:** Water

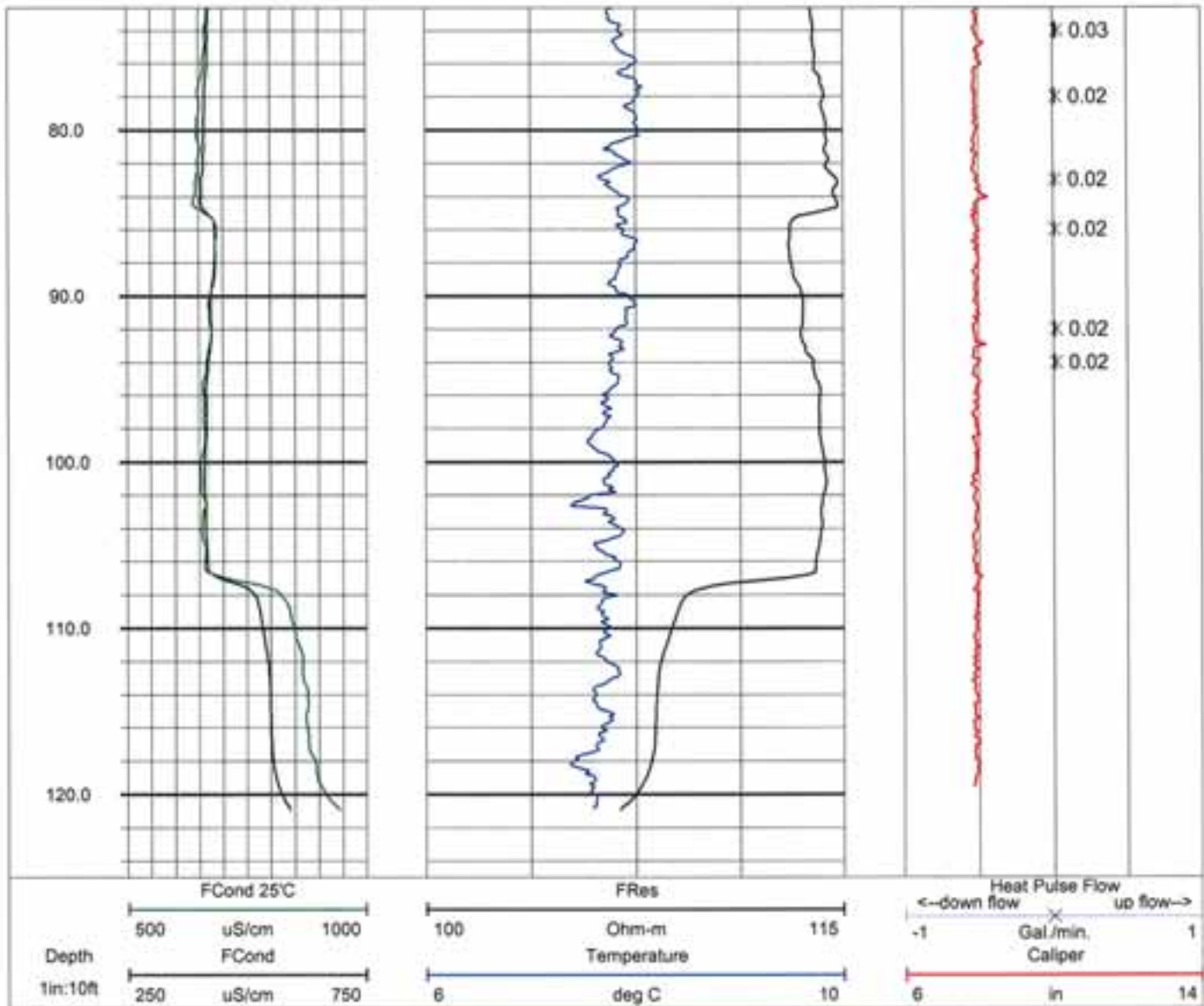
**Technician:** JKrewson

**Location:** Monrovia, MD

**GPS:** N39° 20.574' W077° 15.251'

**Casing Material:** Steel **Witness:** Matt@EA

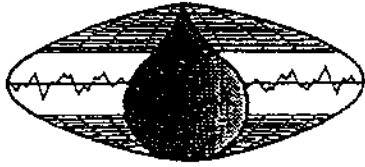




**ATTACHMENT VII**

**PACKER TEST DATA**

# Earth Data INCORPORATED



## PACKER TESTING FIELD INFORMATION

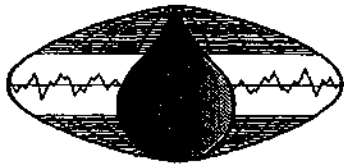
WELL/ZONE: MW-14D 21  
 PROJECT: ENVR. All, MODJOUA, BP  
 PERSONNEL: MB, TT, CM

DATE: 11-5-09  
 CLIENT: ENVR, Allier  
 W.O. #: 4122

SETTING DEPTHS		DATA COLLECTION CALIBRATION				
Point A	59.59	Configuration Filename: _____				
Upper Packer -Top	_____	PRN Filename: _____				
Upper Packer -Bottom	_____	current mA = static water level (FT)				
Pump Intake	59.59	open air mA = transducer depth (FT)				
Lower Packer -Top	65	CHANNEL 1	CHANNEL 2	CHANNEL 3		
Lower Packer - Bottom	69.18	mA = _____	0.4527 mA = 51.76'	.3613 mA = 51.76'		
Assembly Bottom	71.48	mA = _____	0.4256 mA = 61.74'	.3337 mA = 61.74'		
PACKER INFLATION		Additional Calibration Notes:				
TOP	BOTTOM					
NONE	50/80 - FINALLY					
TEST SEQUENCE		HYDRAULIC HEAD DISTRIBUTION (FT)				
		Open Hole Static Water Level: <u>51.76</u>				
Begin Logging	8 : 31 : 30					
Start Inflation	8 : 53 : 40	PRE- INFLATION	POST- INFLATION	PRE- PUMPING	PUMPING LEVEL	RECOVERY
Begin Pumping	9 : 44 : 10					
End Pumping	10 : 19 : 20	1				
totalizer Prior		2	51.993	51.768	51.768	51.918
Totalizer Post	115 Gallons	3	51.971	51.823	51.971	52.265
End Logging	10 : 31 : 30	4				
PUMPING RECORD		Miscellaneous Notes:				
Pumping Zone	0-65					
Pumping Rate	3, 4.5, 5	SEUG TEST SEQUENCE				
Pumping Duration	35 MIN					
Maximum Drawdown	5.844		TIME	WATER LEVEL (FT)		
Specific Capacity	1.20 GPP	Start	9 : 12 : 56	51.768		
Nature of Discharge	CLEAR	Peak	9 : 13 : 20	51.618		
Time of Recovery	18 MIN	Recovery	9 : 13 : 57	51.693		
RATE ADJUSTMENTS						
SUMMARY						

# Earth Data

INCORPORATED



## PACKER TEST INFORMATION

WELLZONE: MW14D21      DATE: 11-5-09  
 PROJECT: ENVIA, ALLIAN, MONROVIA      CLIENT: \_\_\_\_\_  
 PERSONNEL: MB, TT, CM      W.O. #: 4122  
 Page \_\_\_\_\_ of \_\_\_\_\_

TIME	PUMPING RATE (gpm)	TRANS #1	TRANS #2	TRANS #3	COMMENTS
8:31.30		START LOGGING			
8:32.14			51.843	51.823	
8:37.06			51.918	51.897	
8:41:00			51.993	51.897	
8:44.17			51.993	51.971	
8:53.40			51.768	51.823	INFLATION
8:54:35			51.843	51.676	
8:56:50			51.469	51.603	
9:02.42			51.768	51.823	
9:08.41			51.768	51.823	
9:12.56			51.768	51.897	SLURRY
9:13:20			51.618		
			51.693		
9:14.00			51.544	51.676	
9:14.28			51.618	51.750	
9:15.25			51.768	51.971	
9:16:20					STARTED Pump
9:39.50			51.918	51.897	
9:42:45			51.693	51.191	
9:44.10			51.918	51.823	STARTING
9:46.11	3.0		52.218	52.191	
9:46.50			52.518	52.412	
9:49.10	4.5		53.117	52.221	ADD 90 PST
9:51.46			54.840	53.736	
9:53.20	5.0		55.215	54.472	
9:54.20			55.515	54.692	



PACKER TESTING - EACH SETTING

Project ENVIRONMENTAL ALLIANCE W.O.: 4122 Set No.: \_\_\_\_\_  
 Well: MW14DZ1 Diameter: 8" Date: 11-5-09  
MONSOONIA, BP

DEPTHS

Point A	Upper Packer Top	Upper Packer Bottom	Pump Intake	Lower Packer Top	Lower Packer Bottom	Well Depth
59.59	—	—	59.59	65	69.18	273

Inflation Pressures: upper packer: NONE psi lower packer: 80 psi  
 Time required to evacuate one isolated interval + lift pipe: 8 mins

WATER LEVELS

Open Hole Water Level: 51.76 ft. M.P.: 6.5

	Upper Isolated	Upper Composite	Isolated Zone	Lower Isolated	Lower Composite
from - to		N/A	0-65		
Water Level	51.76	N/A	0-65	NOT used	N/A

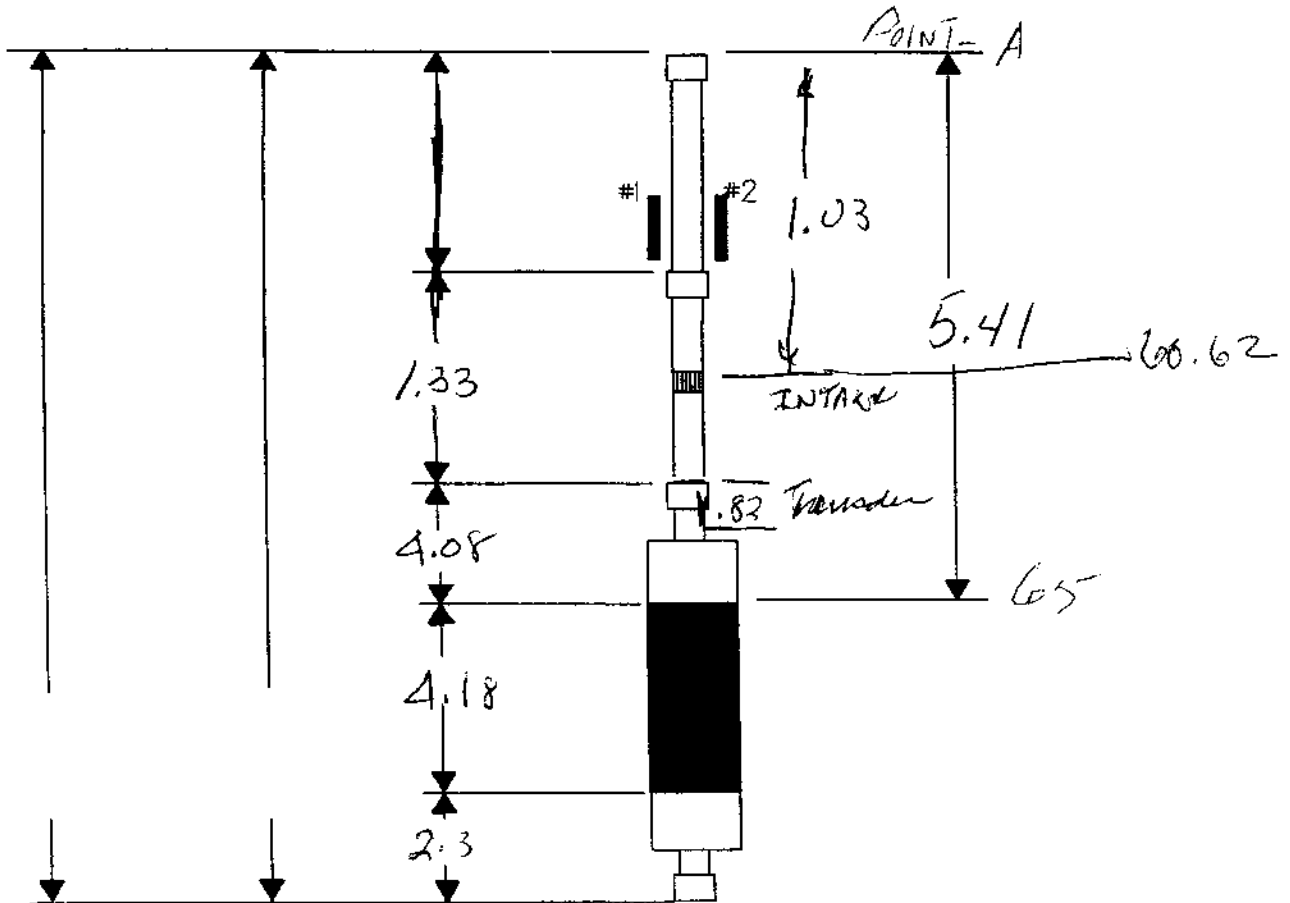
TEST SEQUENCE

Step	Packer(s) Inflated	Pump on/off	Zone Tested	Yield gpm	Duration (mins)	Pumping Level	Sampled yes/no
1	PREFLATION	OFF	0-65	0	22min	—	NO
2	INFLATION	OFF	0-65	0	5min	—	NO
3	SLUG	OFF	0-65	0	1.5min	—	NO
4	SAMPLE	ON	0-65	5min	35min	51.762	Yes
5							
6							
7							
8							
9							

Remarks:



SINGLE PACKER DIMENSIONS  
(UNINFLATED)

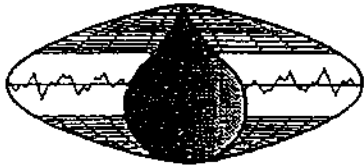


PACKER SERIAL #  
5142

TRANSDUCER #1  
0506937  
TRANSDUCER #2  
3361

V. O. # <u>4122</u>	WELL # <u>MW-140</u>	DIAMETER OF PACKERS <u>5/4</u> in.	
JOB NAME <u>MONROVIA BP</u>	WELL DEPTH <u>273</u> ft	DIAMETER OF PUMP <u>2</u> in.	
DATES FROM <u>11/4/09</u>	WELL DIAMETER <u>8</u> in.	DIAMETER OF LIFT PIPE <u>2</u> in.	
TO <u>1/1/</u>			

# Earth Data INCORPORATED



## PACKER TESTING FIELD INFORMATION

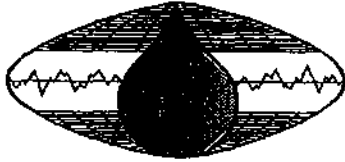
WELL/ZONE: MW 14022  
 PROJECT: MONUOUIA, BP  
 PERSONNEL: MB, TT, CA

DATE: 11-5-09  
 CLIENT: ENVIRO ALLIANCE  
 W.O. #: 4122

SETTING DEPTHS		DATA COLLECTION CALIBRATION					
Point A	60.4	Configuration Filename: _____					
Upper Packer -Top	64.83	PRN Filename: _____					
Upper Packer -Bottom	69	current mA = static water level (FT)					
Pump Intake	60.4	open air mA = transducer depth (FT)					
Lower Packer -Top	79.8	CHANNEL 1	CHANNEL 2	CHANNEL 3			
Lower Packer - Bottom	83.98	.4508 mA = 51.73	.4954 mA = 51.73	.4169 mA = 51.73			
Assembly Bottom	86.28	.4279 mA = 60.4	.4254 mA = 76.43	.3322 mA = 76.43			
PACKER INFLATION		Additional Calibration Notes:					
TOP	BOTTOM	Final					
80/160	100/190						
TEST SEQUENCE		HYDRAULIC HEAD DISTRIBUTION (FT)					
		Open Hole Static Water Level: <u>51.73</u>					
Begin Logging	12:40:40						
Start Inflation	1:06:07	PRE- INFLATION	POST- INFLATION	PRE- PUMPING	PUMPING LEVEL	RECOVERY	
Begin Pumping	1:44:19						
End Pumping	2:52:07	1	51.558'	51.481'	51.712'	56.642'	52.098'
Totalizer Prior		2	51.801'	51.729'	51.657'	66.529'	52.160'
Totalizer Post	245 Gallon	3	51.807'	51.798'	51.857'	52.510'	52.569'
End Logging	3:01:30	4					
PUMPING RECORD		Miscellaneous Notes:					
Pumping Zone	69-79.8						
Pumping Rate	1.35	SEUC TEST SEQUENCE					
Pumping Duration	66 MIN						
Maximum Drawdown	4.882		TIME	WATER LEVEL (FT)			
Specific Capacity	959 GPP	Start	1:19:20	51.729'			
Nature of Discharge	CLEAR	Peak	1:19:58	51.370'			
Time of Recovery	11 MINUTES	Recovery	1:20:45	51.584'			
RATE ADJUSTMENTS							
SUMMARY							

# Earth Data

INCORPORATED



## PACKER TEST INFORMATION

WELL/ZONE: MW 14D 2 Z  
 PROJECT: MONROVIA, BP  
 PERSONNEL: MB, TT, CM

DATE: 11-5-09  
 CLIENT: ENWA, Allam  
 W.O. #: 4122  
 Page 1 of 2

TIME	PUMPING RATE (gpm)	TRANS #1	TRANS #2	TRANS #3	COMMENTS
12:40:40		51.712	51.873	51.679	START LOGGING
12:43:00		51.867	51.863	51.788	
12:50:11		51.789	51.801	51.798	
12:58:56		51.558	51.801	51.798	
1:05:07		51.635	51.801	51.857	
1:06:07		51.558	51.801	51.857	START INFLATION
1:12:32		51.327	51.584	51.679	END INFLATION
1:18:25		51.558	51.729	51.674	
1:19:20			51.657		SLUG 1 GAL
			51.514		
			51.442		
		51.250	51.370	51.796	
1:20:45		51.404	51.586	51.657	
1:25:00					INSTALL PUMP
1:42:39		51.712	51.657	51.867	
1:46:19		51.635	51.729	51.798	START PUMPING
1:47:50	1.0	51.558	51.899	51.857	
1:49:42	3.0	52.329	52.578	51.917	
1:50:00		52.099	53.021	52.154	
1:53:25		53.330	53.524	52.035	INFLATION 80-T @ 90:16
1:56:50		53.638	53.380	52.095	
1:59:31		54.023	53.883	52.095	
2:16:16		53.946	54.098	52.273	
2:20:40		SAMPLER			



ENVIRONMENTAL Packer TESTING - EACH SETTING

Project ALLIANCE MONROVIA, BP W.O.: 4122 Set No.: \_\_\_\_\_  
 Well: MW14D 22 Diameter: 8 Date: 11-6-09

DEPTHS

Point A	Upper Packer		Pump Intake	Lower Packer		Well Depth
	Top	Bottom		Top	Bottom	
60.4	64.83	69	60.4	79.8	83.98	273

Inflation Pressures: upper packer: 160 psi lower packer: 190 psi  
 Time required to evacuate one isolated interval + lift pipe: 10 mins

WATER LEVELS

Open Hole Water Level: 51.73 ft. M.P.: 6.5

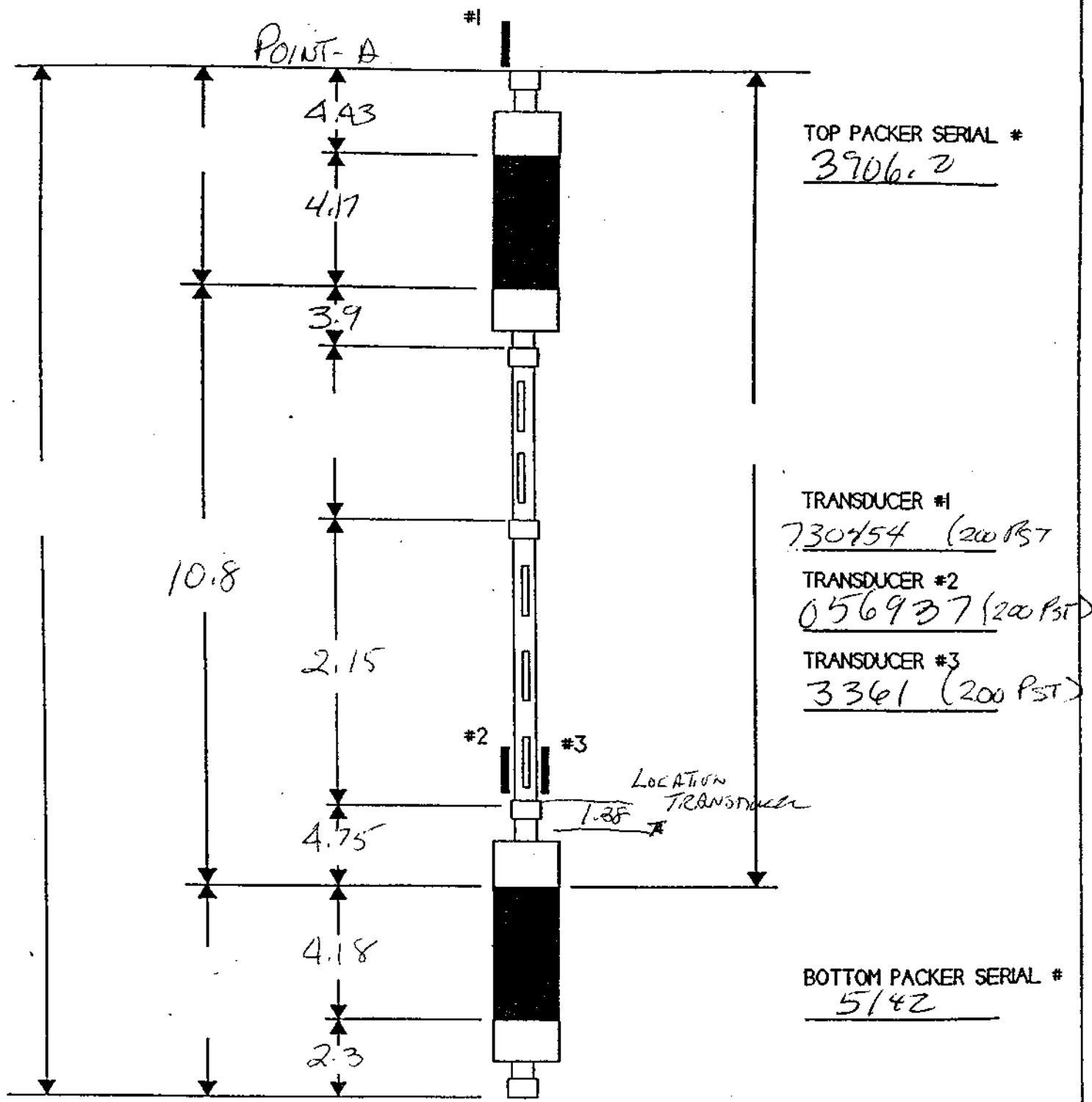
	Upper Isolated	Upper Composite	Isolated Zone	Lower Isolated	Lower Composite
from - to	0 - 60.4	64.83 - 69	69 - 79.8	79.8 - 83.98	83.98 - 273
Water Level	56.642	N/A	56.539	N/A	52.510


TEST SEQUENCE

Step	Packer(s) Inflated	Pump on/off	Zone Tested	Yield gpm	Duration (mins)	Pumping Level	Sampled yes/no
1	PREFLATION	OFF	69 - 79.8	0	26 MIN	—	NO
2	INFLATION	OFF	69 - 79.8	0	5 MIN	—	NO
3	SLUG	OFF	69 - 79.8	0	1.5	—	NO
4	SAMPLE	ON	69 - 79.8	5	66 MIN	56.539	YES
5							
6							
7							
8							
9							

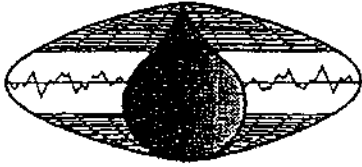
Remarks:

# STRADDLE PACKER DIMENSIONS (UNINFLATED)



W. O. # <u>4122</u> JOB NAME <u>MONUVOVA, BP</u>	WELL # <u>MW-140</u> WELL DEPTH <u>273</u> ft WELL DIAMETER <u>8</u> in	DIAMETER OF PACKERS <u>5.4</u> in. INJECTION PUMP _____ DIAMETER OF LIFT PIPE <u>2</u> in.	
DATES FROM <u>11/5/09</u> TO <u>11/6/09</u>			

# Earth Data INCORPORATED



## PACKER TESTING FIELD INFORMATION

WELL/ZONE: MW-14D23  
 PROJECT: MONROE, BP  
 PERSONNEL: MB, TT, CR

DATE: 11-6-09  
 CLIENT: ENVIROLINE  
 W.O.#: 4722

SETTING DEPTHS	DATA COLLECTION CALIBRATION		
Point A <u>73.40</u>	Configuration Filename: _____		
Upper Packer -Top <u>77.83</u>	PRN Filename: _____		
Upper Packer -Bottom <u>82</u>	current mA = static water level (FT)		
Pump Intake <u>92.3</u>	open air mA = transducer depth (FT)		
Lower Packer -Top <u>92.8</u>	CHANNEL 1	CHANNEL 2	CHANNEL 3
Lower Packer -Bottom <u>96.98</u>	4889 mA = 51.70	5322 mA = 51.70	4458 mA = 51.70
Assembly Bottom <u>99.28</u>	4279 mA = 73.40	4264 mA = 89.43	3322 mA = 89.43

PACKER INFLATION		Additional Calibration Notes:
TOP	BOTTOM	
<u>100/125</u>	<u>90/125</u>	<u>FINAL</u>

TEST SEQUENCE	HYDRAULIC HEAD DISTRIBUTION (FT)				
	Open Hole Static Water Level: <u>51.70</u>				
Begin Logging <u>7:54:03</u>					
Start Inflation <u>8:10:20</u>					
Begin Pumping <u>8:42:46</u>					
End Pumping <u>9:46:27</u>	1	51.703	51.703	51.486	53.512
totalizer Prior	2	51.691	51.691	51.403	69.156
Totalizer Post <u>251 GALLON</u>	3	51.578	51.578	51.646	62.187
End Logging <u>9:58:12</u>	4	---	---	---	---

PUMPING RECORD	Miscellaneous Notes:
Pumping Zone <u>82-92.8</u>	

PUMPING RECORD	SEQUENCE TEST SEQUENCE
Pumping Rate <u>3.5, 2.75, 6</u>	
Pumping Duration <u>74 min</u>	
Maximum Drawdown <u>17.75'</u>	
Specific Capacity <u>2.90 GPF</u>	Start <u>8:25:10</u> <u>51.475</u>
Nature of Discharge <u>CLEAR</u>	Peak <u>8:25:46</u> <u>51.187</u>
Time of Recovery <u>12 MINUTES</u>	Recovery <u>8:26:38</u> <u>51.442</u>

RATE ADJUSTMENTS

73.4 - 1.3 = 72.1      SUMMARY  
 72.1 - 63' = (9.1 - SPERM PIPE  
 MEASUREMENT - 6.5

PACKER TESTING - EACH SETTING

ENVIRONMENTAL ALLIANCE

Project MONVOUVA, BR W.O.: 4122 Set No.: \_\_\_\_\_

Well: MW14DZ-3 Diameter: 8 Date: 11-6-09

DEPTHS

Point A	Upper Packer		Pump Intake	Lower Packer		Well Depth
	Top	Bottom		Top	Bottom	
73.40	77.83	82	92.5	92.8	96.8	273

Inflation Pressures: upper packer: 125 psi lower packer: 125 psi

Time required to evacuate one isolated interval + lift pipe: 11 mins

WATER LEVELS

Open Hole Water Level: 51.70 ft. M.P.: B.S.

	Upper Isolated	Upper Composite	Isolated Zone	Lower Isolated	Lower Composite
from - to	51.763	N/A	51.403	N/A	51.646
Water Level	53.512	N/A	69.156	N/A	62.187

TEST SEQUENCE

Step	Packer(s) Inflated	Pump on/off	Zone Tested	Yield gpm	Duration (mins)	Pumping Level	Sampled yes/no
1	PREFLATION	OFF	82-92.8	0	16	—	N/O
2	INFLATION	OFF	82-92.8	0	5	—	NO
3	Seal	OFF	82-92.8	0	2.0	—	NO
4	SAMPLE	ON	82-92.8	6.114	74min	69.156	YES
5							
6							
7							
8							
9							

Remarks:



# Earth Data INCORPORATED



## PACKER TEST INFORMATION

WELL/ZONE: MW-14D23

DATE: 11-6-09

PROJECT: Monkula, BP

CLIENT: ENHAR, Allman

PERSONNEL: MB, TT, CM

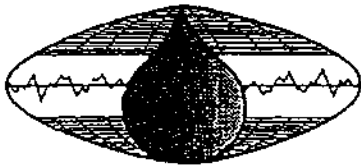
W.O.#: 4122

Page 1 of 2

TIME	PUMPING RATE (gpm)	TRANS #1	TRANS #2	TRANS #3	COMMENTS
7:54.03		51.631	51.691	51.578	
7:56.48		51.631	51.619	51.646	
8:02:26		51.775	51.547	51.511	
8:09.11		51.703	51.691	51.598	
8:10.20					START TO INFLATION
8:17.35		51.558	51.547	51.646	
8:24.54		51.631	51.475	51.511	
8:25.0		51.558	51.187	51.240	slug
		51.341	51.187	51.375	
8:27.16		51.486	51.547	51.105	ADD 25 PSI TO PACKER
8:28.10					INSTALL PUMP
8:38.20		51.631	51.403	51.511	
8:42.14		51.486	51.403	51.646	
8:42.46		51.486	52.697	51.511	START PUMP
8:44.10	3.5	51.492	52.841	52.051	
8:46.11	2.75	51.707	53.272	52.659	
8:47.33		51.545	53.344	52.321	
8:51.32		52.210	53.631	53.335	
9:02.19		52.571	54.461	53.132	
9:14.43		52.571	54.494	53.403	
9:23.11		52.427	54.709	53.470	SAMPLING
9:27.11	6.0	52.427	54.853	53.132	RATE - TO 6.0 GPM
9:31.47		53.947	65.922	59.079	
9:31.42		52.223	70.	60.835	
9:35.41		53.740	67.787	61.375	
9:36.25		53.512	67.862	61.44	



# Earth Data INCORPORATED



## PACKER TESTING FIELD INFORMATION

WELL/ZONE: MW-14D24  
 PROJECT: MONITORING BP  
 PERSONNEL: MB, TT, CM

DATE: 11-6-09  
 CLIENT: ENOR, ALL  
 W.O. #: 4122

### SETTING DEPTHS DATA COLLECTION CALIBRATION

Point A	<u>200.4</u>	Configuration Filename: _____		
Upper Packer -Top	<u>204.83</u>	PRN Filename: _____		
Upper Packer -Bottom	<u>208.73</u>	current mA = static water level (FT)		
Pump Intake	<u>214.77</u>	open air mA = transducer depth (FT)		
Lower Packer -Top	<u>219.53</u>	CHANNEL 1	CHANNEL 2	CHANNEL 3
Lower Packer - Bottom	<u>223.71</u>	<u>8531</u> mA = <u>51.75'</u>	<u>8901</u> mA = <u>51.75'</u>	<u>8032</u> mA = <u>51.75'</u>
Assembly Bottom	<u>226.01</u>	<u>4274</u> mA = <u>200.4'</u>	<u>4254</u> mA = <u>216.16'</u>	<u>3322</u> mA = <u>216.16'</u>

PACKER INFLATION		Additional Calibration Notes:			
TOP	BOTTOM				
<u>152/192</u>	<u>128/150</u>				

### TEST SEQUENCE HYDRAULIC HEAD DISTRIBUTION (FT)

		Open Hole Static Water Level : <u>51.75</u>				
Begin Logging	<u>11:04:20</u>					
Start Inflation	<u>11:20:10</u>					
Begin Pumping	<u>11:56:10</u>					
End Pumping	<u>12:50:20</u>	1	PRE-INFLATION	POST-INFLATION	PRE-PUMPING	PUMPING LEVEL
totalizer Prior	_____	2	<u>51.619'</u>	<u>51.690'</u>	<u>51.477'</u>	<u>53.824'</u>
Totalizer Post	<u>236 GALLON</u>	3	<u>51.679'</u>	<u>51.823'</u>	<u>51.751'</u>	<u>59.021'</u>
End Logging	<u>12:54:11</u>	4	<u>51.742'</u>	<u>51.742'</u>	<u>51.600'</u>	<u>58.773'</u>
			_____	_____	_____	_____

PUMPING RECORD		Miscellaneous Notes:			
Pumping Zone	<u>208.73-219.53</u>				

### SEUC TEST SEQUENCE

Pumping Rate	<u>2.0, 3.4, 5.5</u>			
Pumping Duration	<u>54 MINUTES</u>			
Maximum Drawdown	<u>7.211'</u>			
Specific Capacity	<u>1.454 GPM</u>	Start	TIME	WATER LEVEL (FT)
Nature of Discharge	<u>Clear</u>	Peak	<u>11:34:17</u>	<u>51.679</u>
Time of Recovery	<u>4 MINUTES</u>	Recovery	<u>11:34:37</u>	<u>51.392</u>
			<u>11:35:01</u>	<u>51.607</u>

### RATE ADJUSTMENTS

### SUMMARY

PACKER TESTING - EACH SETTING

ENVIRONMENTAL ALLIANCE

Project \_\_\_\_\_ W.O.: 4/22 Set No.: \_\_\_\_\_

Well: MW-14724 Diameter: 8 Date: 11-6-09

DEPTHS

Point A	Upper Packer Top	Upper Packer Bottom	Pump Intake	Lower Packer Top	Lower Packer Bottom	Well Depth
206.4	204.83	208.73	214.77	219.53	223.71	273

Inflation Pressures: upper packer: 192 psi lower packer: 125 psi

Time required to evacuate one isolated interval + lift pipe: 2 mins

WATER LEVELS

Open Hole Water Level: 51.75 ft. M.P.: 6.5

	Upper Isolated	Upper Composite	Isolated Zone	Lower Isolated	Lower Composite
from - to	0-204.83	N/A	208.73-219.53	N/A	219.53-273
Water Level	53.824	N/A	59.021	N/A	58.773

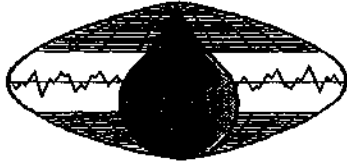
TEST SEQUENCE

Step	Packer(s) Inflated	Pump on/off	Zone Tested	Yield gpm	Duration (mins)	Pumping Level	Sampled yes/no
1	PREFLATION	OFF	208.73-219.53	φ	16	—	NO
2	INFLATION	OFF	208.73 219.53	φ	4.5	—	NO
3	SLUG	OFF	208.73 219.53	φ	1.5	—	NO
4	SAMPLE	ON	208.73 219.53	5.0	54.0	59.021	YES
5							
6							
7							
8							
9							

Remarks:

# Earth Data

INCORPORATED



## PACKER TEST INFORMATION

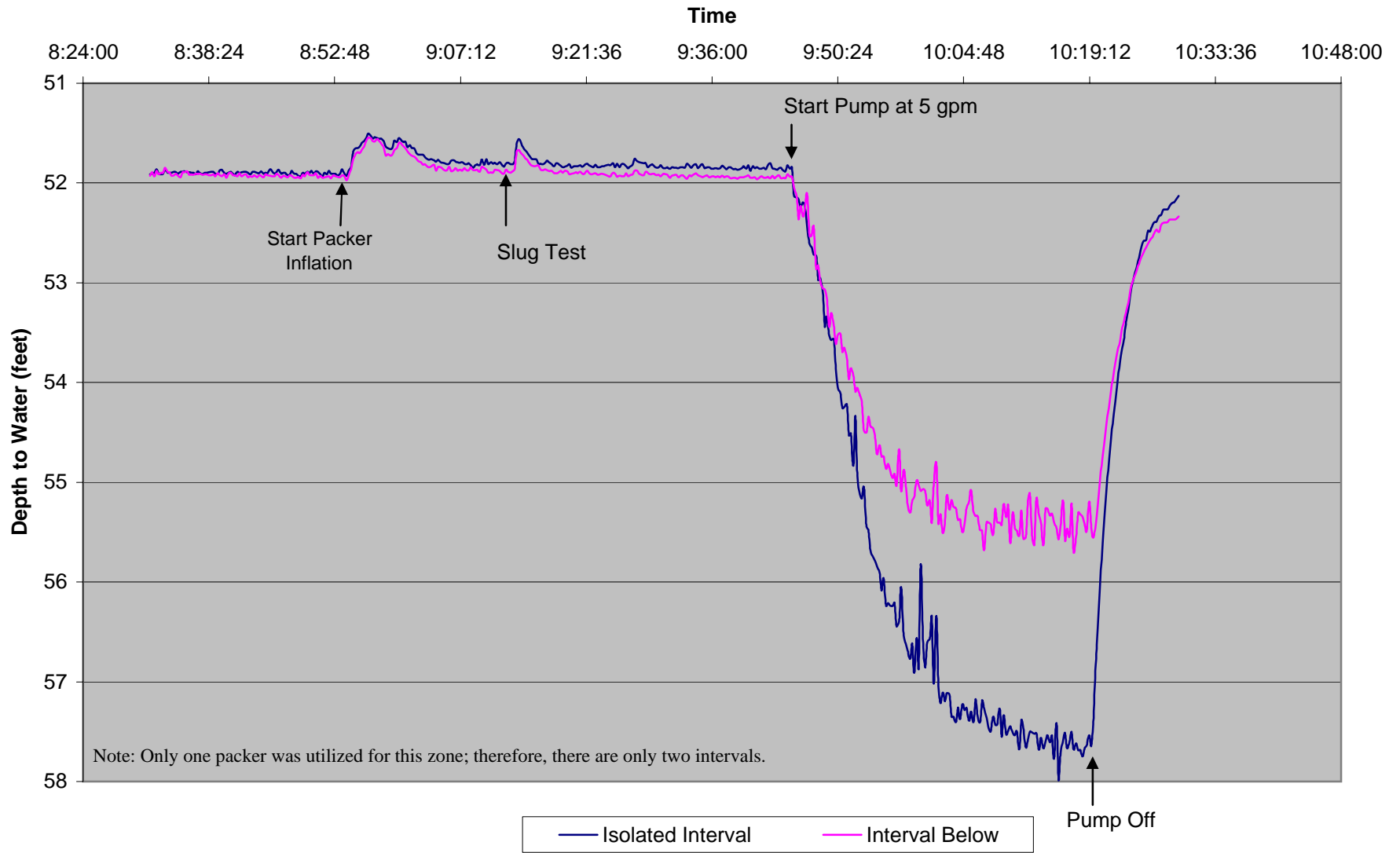
WELL/ZONE: MW14DZ4  
 PROJECT: MONDOUR A SP  
 PERSONNEL: MB, TT, Cim

DATE: 11-6-09  
 CLIENT: ENR/ALLIANCE  
 W.O.#: 4122  
 Page 1 of 2

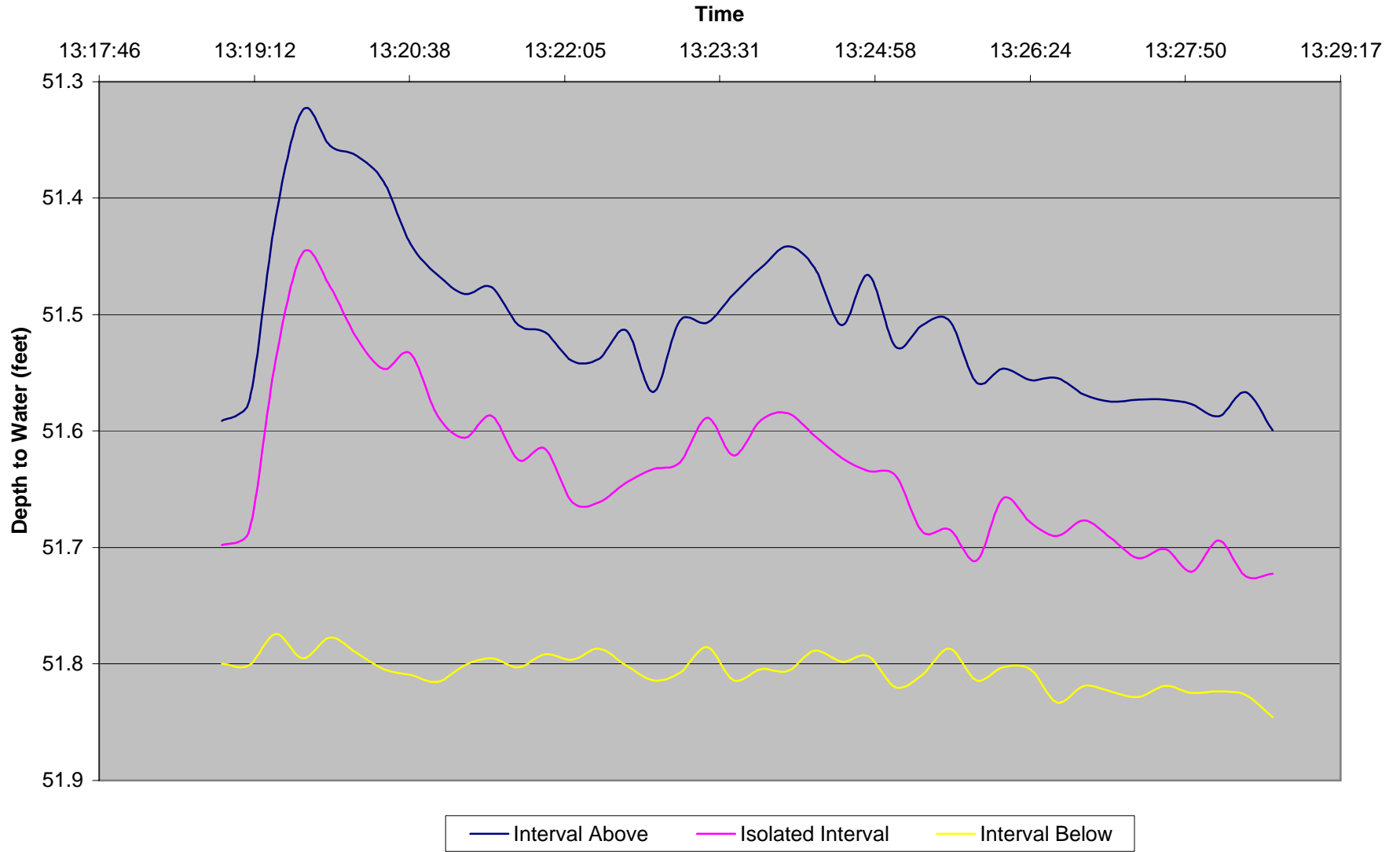
TIME	PUMPING RATE (gpm)	TRANS #1	TRANS #2	TRANS #3	COMMENTS
11:04:20					START LOGGING
11:06:44		51.690	51.823	51.742	
11:08:09		51.761	51.895	51.600	
11:12:59		51.690	51.823	51.742	
11:19:32		51.761	51.751	51.513	
11:20:02		51.477	51.751	51.600	START INFLATION
11:22:37		50.623	50.744	50.748	
11:28:44		51.761	51.679	51.529	
11:33:31		51.477	51.751	51.671	5
11:34:17		51.548	51.679	51.600	SLUG
11:34:37		51.263	51.392	51.245	
11:35:01		51.192	51.607	51.316	
11:35:25		51.477	51.679	51.529	
11:36:40		—	—	—	START INSTALLING Pump
11:54:10		51.477	51.751	51.529	FINISH INSTALL Pump
11:56:40		51.619	51.895	51.600	START PUMPING
11:57:33		51.832	54.687	53.	
11:58:10	2.5	54.259	53.335	53.162	
11:59:10	3	52.878	53.767	53.375	
12:01:30		52.686	52.903	53.660	
12:05:10		54.464	56.502	52.299	ADD 40 PSI T (25 PSI B)
12:09:24	4.5	53.113	55.710	54.	
12:15:00		53.539	57.510	56.145	
12:38:11	5	52.468	57.942	57.992	



# MW-14D Packer Test Zone 1 (0-65 feet)

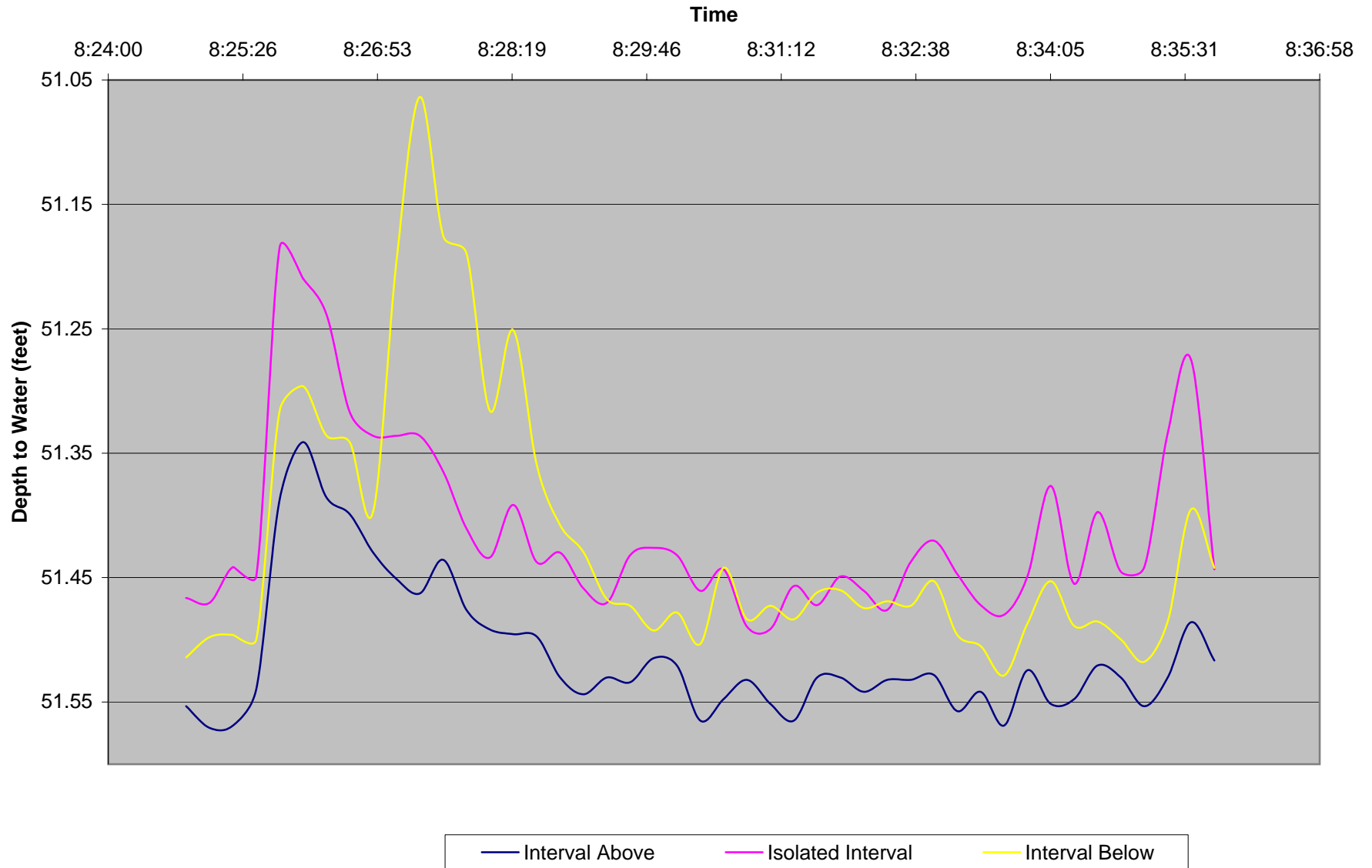


# MW-14D Packer Test Zone 2 Slug Test

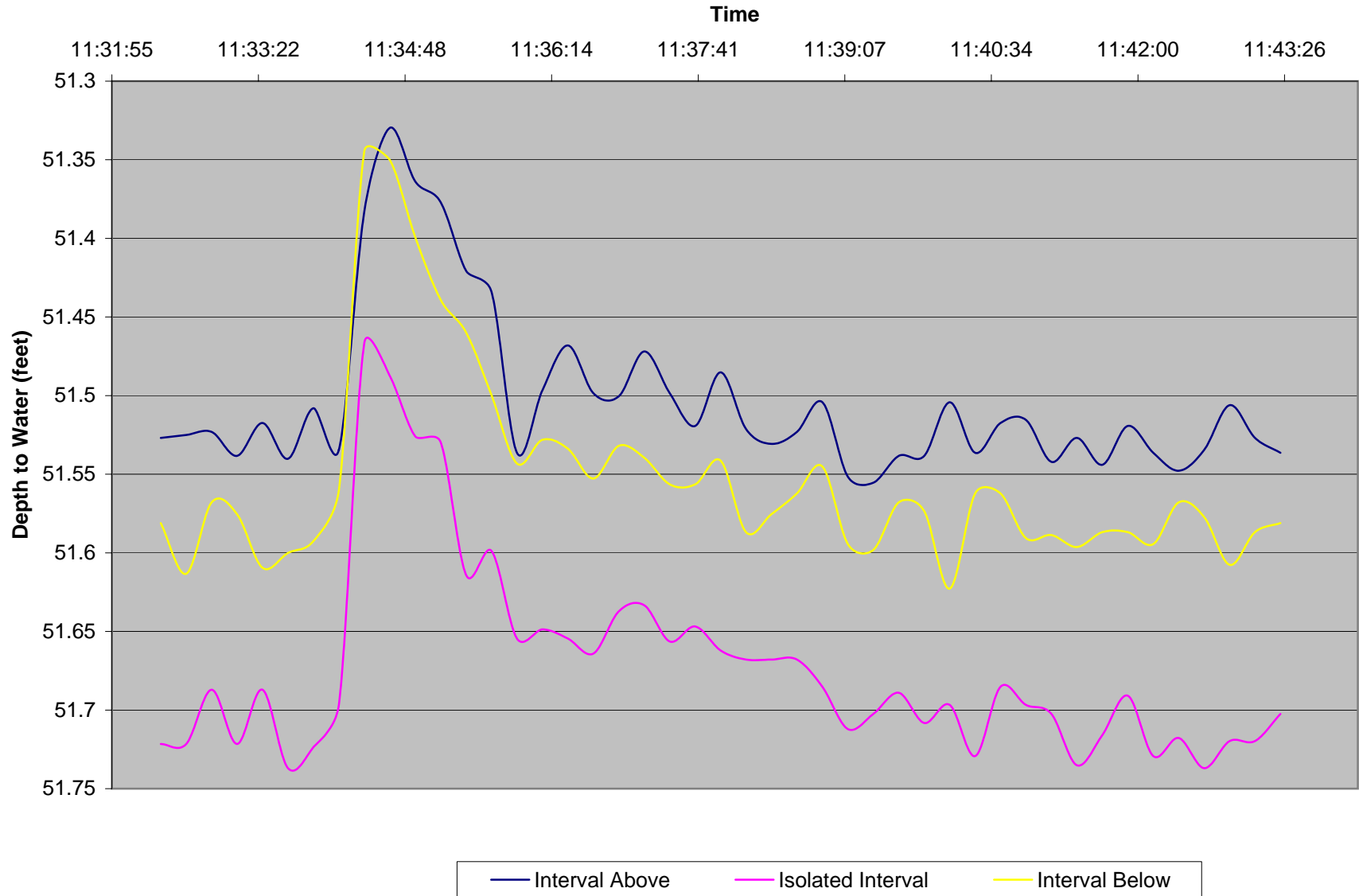


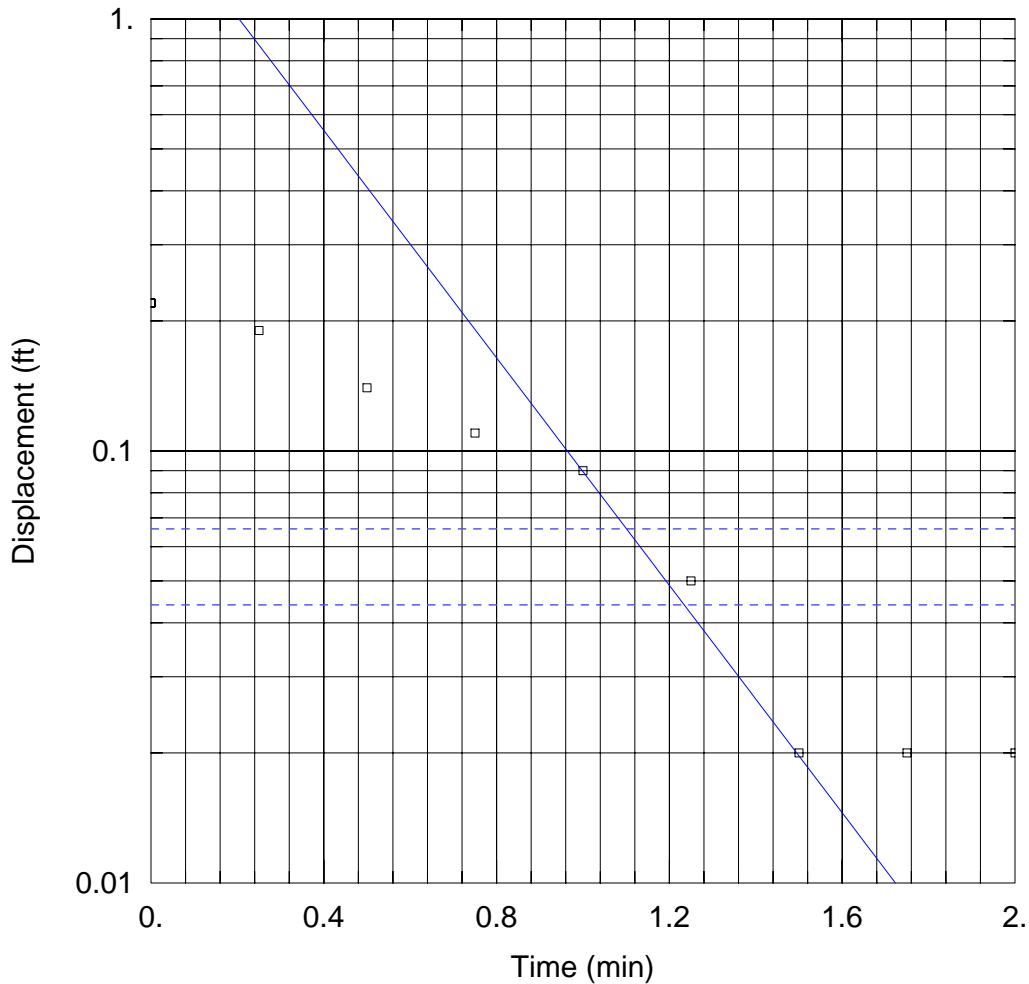


# MW-14D Packer Testing Zone 3 Slug Test



# MW-14D Packer Testing Zone 4 Slug Test





WELL TEST ANALYSIS

Data Set: V:\...\MW14DZONE1SLUGTEST.aqt

Date: 03/12/10

Time: 17:13:24

PROJECT INFORMATION

Company: Environmental Alliance, Inc.

Client: Carroll Fuels

Project: 1953

Location: Monrovia BP

Test Well: MW-14D Zone 1

AQUIFER DATA

Saturated Thickness: 13.21 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-14DZONE1)

Initial Displacement: 0.22 ft

Static Water Column Height: 13.21 ft

Total Well Penetration Depth: 13.21 ft

Screen Length: 13.21 ft

Casing Radius: 0.33 ft

Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 50.6 ft/day

y0 = 1.856 ft

Diagnostic Statistics

Estimation complete! RSS criterion (RTOL) reached.

Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice

---

Estimated Parameters

Parameter	Estimate	Std. Error	Approx. C.I.	t-Ratio	
K	18.92	1.728	+/- 4.086	10.95	ft/day
y0	0.2346	0.01224	+/- 0.02894	19.18	ft

C.I. is approximate 95% confidence interval for parameter  
 t-ratio = estimate/std. error  
 No estimation window

K = 0.006674 cm/sec  
 T = K\*b = 249.9 ft<sup>2</sup>/day (2.687 sq. cm/sec)

---

Parameter Correlations

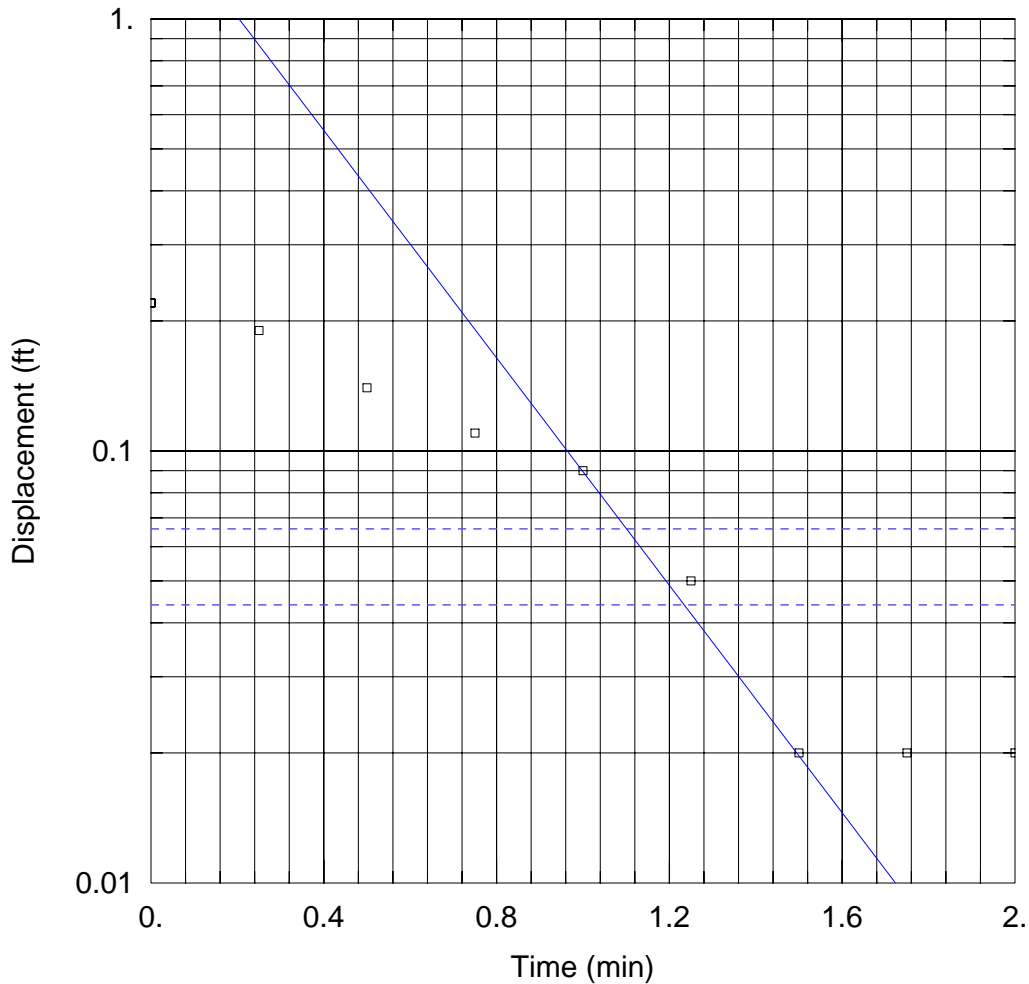
	K	y0
K	1.00	0.62
y0	0.62	1.00

---

Residual Statistics

for weighted residuals

Sum of Squares . . . . . 0.001481 ft<sup>2</sup>  
 Variance . . . . . 0.0002115 ft<sup>2</sup>  
 Std. Deviation . . . . . 0.01454 ft  
 Mean . . . . . -0.001874 ft  
 No. of Residuals . . . . . 9  
 No. of Estimates . . . . . 2



WELL TEST ANALYSIS

Data Set: V:\...\MW14DZONE2SLUGTEST.aqt

Date: 03/12/10

Time: 17:12:28

PROJECT INFORMATION

Company: Environmental Alliance, Inc.

Client: Carroll Fuels

Project: 1953

Location: Monrovia BP

Test Well: MW-14D Zone 1

AQUIFER DATA

Saturated Thickness: 13.21 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-14DZONE1)

Initial Displacement: 0.22 ft

Static Water Column Height: 13.21 ft

Total Well Penetration Depth: 13.21 ft

Screen Length: 13.21 ft

Casing Radius: 0.33 ft

Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 50.6 ft/day

y0 = 1.856 ft

Diagnostic Statistics

Estimation complete! RSS criterion (RTOL) reached.

Aquifer Model: Unconfined  
Solution Method: Bouwer-Rice

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Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	<u>Std. Error</u>	<u>Approx. C.I.</u>	<u>t-Ratio</u>	
K	18.92	1.728	+/- 4.086	10.95	ft/day
y0	0.2346	0.01224	+/- 0.02894	19.18	ft

C.I. is approximate 95% confidence interval for parameter  
t-ratio = estimate/std. error  
No estimation window

K = 0.006674 cm/sec  
T = K\*b = 249.9 ft<sup>2</sup>/day (2.687 sq. cm/sec)

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Parameter Correlations

	K	y0
K	1.00	0.62
y0	0.62	1.00

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Residual Statistics

for weighted residuals

Sum of Squares . . . . . 0.001481 ft<sup>2</sup>  
Variance . . . . . 0.0002115 ft<sup>2</sup>  
Std. Deviation . . . . . 0.01454 ft  
Mean . . . . . -0.001874 ft  
No. of Residuals . . . . . 9  
No. of Estimates . . . . . 2