



February 15, 2015

Mr. Jim Richmond  
Oil Control Program  
Maryland Department of the Environment  
1800 Washington Blvd, Suite 620  
Baltimore, Maryland 21230

RE: **FOURTH QUARTER 2014 MONITORING REPORT WITH DATA TREND ANALYSIS & REVISED MONITORING PLAN**

Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Road  
Monrovia, Maryland  
OCP Case #2005-0834-FR

Dear Mr. Richmond,

Groundwater & Environmental Services, Inc. (GES), on behalf of Carroll Independent Fuel Company (Carroll), is pleased to submit the Fourth Quarter 2014 Monitoring Report with an analysis of data trends and revised monitoring plan. The following activities were conducted during this monitoring period to date:

- Quarterly monitoring and sampling of monitoring wells and tank field wells;
- Sampling of the supply wells at select residences and select Green Valley Plaza (GVP) wells;
- Sampling and maintenance of the point-of-entry treatment (POET) systems at the GVP and six residences; and
- Submittal of a *Monitoring Well MW-18S Replacement Work Plan*.

On October 3, 2014, The MDE sent an approval response to the January 31, 2014 *Revised Corrective Action Plan (CAP)* with revisions to the routine monitoring and potable well sampling program.

GES has reviewed the data trends and included an analysis of the monitoring plan as required by the *Revised Corrective Action Plan (CAP)* that was submitted on January 31, 2014. This analysis summarizes the trends of individual wells and evaluates the current monitoring program. GES requests a written response from the MDE regarding the proposed revised monitoring plan included within this report.

GES appreciates the continued guidance of the MDE on this project. If you have any questions or would like additional information please contact the undersigned at 800-220-3606, extension 3715 or 3717, respectively, or Herb Meade at 410-261-5450.

Sincerely,

Danielle Rice  
Associate Environmental Scientist

Gregory Reichart  
Project Manager

Enclosure

c: Jim Richmond – MDE (2 additional copies & CD)  
Herb Meade – CIFIC (electronic copy)  
Barry Glotfelty – Frederick County Health Department  
Samir Andrawos – Timbercrest Limited Partnership  
Jennifer Andrawos – Timbercrest Limited Partnership  
File – GES, MD (PSID# 518881)



**MDE Contact:** Mr. Jim Richmond, Maryland Department of the Environment  
**Consultant Contact:** Gregory Reichart, Groundwater & Environmental Services, Inc., Odenton, MD  
**Client Contact:** Mr. Herb Meade, Carroll Independent Fuel Company

**SITE DESCRIPTION**

**Site Use:** BP-Branded Retail Service Station attached to Green Valley Plaza (shopping center)  
**Surrounding Area:** Commercial shopping centers and residential properties  
**Sensitive Receptors:** Potable Wells – The Site is served by five onsite supply wells  
 Surrounding commercial and residential properties are all served by potable wells  
 Basements/Underground Receptors – None onsite  
 Surface Water/Wetlands – Fahrney Branch is located approximately 2,400 feet to the south  
 Hospitals/Childcare/Schools – Guardian Angel Child Care is located in the Green Valley Plaza  
**Date of Most Recent Regulatory Correspondence:** December 12, 2014 – a response from MDE to the October 27, 2014 *Monitoring Well MW-18S Replacement Work Plan*

**SCHEDULE OF ROUTINE ACTIVITIES**

**Groundwater Sampling:** Quarterly – All monitoring and tank field wells  
**Laboratory Analyses:** Full-suite volatile organic compounds (VOCs), including oxygenates, via EPA Method 8260  
 TPH-GRO via EPA Method 8015  
 Nitrates  
 Sulfate and Ferrous Iron when dissolved oxygen is less than 1 milligram per liter (mg/L)  
**Field Monitoring:** Dissolved Oxygen (DO)  
 Oxidation Reduction Potential (ORP)  
 pH  
 Temperature  
 Specific Conductivity  
 Headspace VOCs

**Non-Transient, Non-Community Supply Well Sampling**

<u>Location</u>	<u>Well Number(s)</u>	<u>Sampling Frequency:</u>
Green Valley Plaza:	FR-94-1233	Quarterly
	FR-94-1281	Quarterly
	FR-81-5955	Annually
	FR-88-1394	Annually
	FR-88-1366	Annually
Green Valley Shopping Center:	FR-73-4918	Annually
	FR-73-6674	Annually
	FR-73-7687*	Annually



**Laboratory Analyses:** Full-suite VOCs, including oxygenates, via EPA Method 524.2

\* Well number FR-73-7687 was previously misidentified as well number FR-73-1687, based on a correspondence with the MDE dated February 18, 2014.

**Non-Transient, Non-Community Supply Well POET System Sampling**

<u>Location</u>	<u>Well Number(s)</u>	<u>Sampling Frequency:</u>
Green Valley Plaza:	Combined Flow – FR-94-1233, FR-94-1281, FR-81-5955, FR- 88-1394, FR-88-1366	Quarterly

**Laboratory Analyses:** Full-suite VOCs, including oxygenates, via EPA Method 524.2

**Residential Potable Well POET System Sampling**

<u>Location</u>	<u>Well Number(s)</u>	<u>Sampling Frequency:</u>
3990 Farm Lane:	FR-73-5449	Quarterly
3992 Farm Lane:	Unknown	Quarterly
3994 Farm Lane:	FR-73-2625	Quarterly
3996 Farm Lane:	FR-73-2625	Quarterly
3997 Farm Lane:	FR-73-2472	Quarterly
3923 Rosewood Road:	FR-73-2473	Quarterly

**Laboratory Analyses:** Full-suite VOCs, including oxygenates, via EPA Method 524.2

**Residential Potable Well Sampling**

<u>Location</u>	<u>Sampling Frequency:</u>
3740 Blueberry Court	Quarterly
3995 and 3998 Farm Lane:	Quarterly
3985, 3987, 3989, 3991, and 3993 Farm Lane:	Semi-Annually
3833, 3835, and 3837 Greenridge Road:	Semi-Annually
3737 and 3739 Blueberry Court:	Semi-Annually
3992, 3994, 3996 and 3998 Rye Lane:	Semi-Annually
3979, 3981, 3983, 3984A and 3984 Farm Lane:	Semi-Annually

**Laboratory Analyses:** Full-suite VOCs, including oxygenates, via EPA Method 524.2

Note: 3829 Greenridge Road has been removed from the routine sampling schedule at the request of the property owner.

**FIELD ACTIVITIES**

**Quarterly Groundwater Sampling Data Summary**

Quarterly Groundwater Sampling Dates:	November 17, 2014 – November 21, 2014
# of Monitoring Wells in study area/# Sampled:	28 / 19



Groundwater Sampling Notes: Soil vapor points SV-1, SV-2, and monitoring well MW-2 contained insufficient water to sample. All TF wells and VE-1 were either dry or contained insufficient water to sample. Injection wells are not sampled.  
 Monitoring wells MW-4 and MW-6 had insufficient water for the collection of field parameters.  
 The revised routine sampling program outlined in the October 3, 2014 Revised Corrective Action Plan Approval was implemented during the 4<sup>th</sup> quarter of 2014.

Apparent Groundwater Flow Direction: East and South based on groundwater elevations observed in monitoring wells; actual transport flows in bedrock in preferential pathways predominantly along bedrock strike to the SW.

\*\* **Figure 2** presents an interpretation of groundwater contours based on water elevations observed in “non-bedrock” cased monitoring wells.

**Maximum Concentration:**

Benzene:	Non-detected
MTBE:	95.1 µg/L (MW-14D) on November 19, 2014
TPH-GRO:	Non-detected

**Carbon Change Summary**

Carbon changes were conducted this quarter at 3990 Farm Lane on October 20, 2014 and at 3994 Farm Lane on October 15, 2014.

**REMEDIAL SYSTEM DATA**

No remedial activities took place in the fourth quarter. Past remedial activities can be referenced in the *ISCO System Comprehensive Summary & Update to the Conceptual Site Model (CSM)* submitted to the MDE on September 28, 2012.

**PERMITS**

**Air Quality General Permit to Construct for Soil Vapor Extraction Equipment**

Identification Number:	021-0562-9-0315
COMAR 26.11.06.06 VOC emission limit:	20 pounds per day, unless reduced by 85 percent or more overall
4 <sup>th</sup> quarter maximum discharge rate:	No air discharge

**DATA TREND ANALYSIS**

**Monitoring Well Contaminant Concentration Reductions**

The table presented below shows a comparison of MTBE concentrations prior to ISCO system operation, at the completion of system operation, at the time of the CAP submittal, and at present. The table also presents the reduction in concentration as a percentage that occurred during ISCO system operation, post ISCO system operation through CAP submittal, the overall reduction at the time of the CAP submittal, and the current overall reduction since activation of the ISCO system. The following table includes the monitoring wells that exhibited MTBE concentrations over 20 µg/L prior to ISCO system operation.



Well ID	MTBE							
	Concentration (µg/L)				Reduction (%)			
	Baseline Sampling (July 2011)	Post ISCO Operation (Aug 2012)	Concentration at CAP Submittal (Oct 2013)	Current Concentration (Nov 2014)	During ISCO Operation (July 2011-Aug 2012)	Post ISCO Operation to CAP Submittal (Aug 2012-Oct 2013)	Reduction from ISCO Activation to CAP Submittal (July 2011-Oct 2013)	Overall Reduction since ISCO Activation (July 2011-Nov 2014)
MW-17	7,750	3,380	117	4	56%	97%	98%	>99%
MW-18S	4,740	731	814	16	85%	-11%	83%	>99%
MW-7	2,530	18	7	1	>99%	61%	>99%	>99%
MW-14D	2,060	2,360	360	95	-15%	85%	83%	95%
MW-13	1,680	52	21	<1	97%	60%	99%	>99%
MW-10	1,540	7	5	2	>99%	29%	>99%	>99%
MW-14S	703	22	7	2	97%	68%	99%	>99%
MW-15D	450	<2	27	<1	>99%	-1250%	94%	>99%
MW-18D	49	525	169	<1	-967%	68%	-245%	>98%

Table Notes:

- For non-detect values, the reporting limit was used for the reduction percentage calculation, so the minimum reduction is shown.
- All concentrations are rounded to the nearest µg/L and data qualifiers have been omitted from this table.

The table above shows that MTBE concentrations were significantly reduced during ISCO system operation and concentrations have continued to decline since the system was shut down. At the two monitoring wells that still had MTBE concentrations over 1,000 µg/L when the ISCO system was shut down (MW-17 and MW-14D), reductions of greater than 99% and 95% have since been observed. The overall reductions since the ISCO system started are now greater than 98% in eight of the nine monitoring wells. Only monitoring well MW-14D shows an overall reduction less than 98%.

Monitoring well MW-14D has shown an overall MTBE reduction of 95% since the ISCO system started. This well is screened from 201 to 221 feet below ground surface (ft bgs), which is a deeper zone that has been observed to have limited transmissivity. Correspondingly, concentration reduction did not occur as quickly in this well as in other wells, but the MTBE concentration has exhibited a consistent decreasing trend since August 2012.

**Potable Well Contaminant Concentration Trends**

A table is presented below that shows a comparison of MTBE concentrations prior to ISCO system operation, at the completion of ISCO system operation, at the time that the CAP was submitted, and at present. The table also presents the reduction in concentration as a percentage that occurred during ISCO system operation, post ISCO system operation through CAP submittal, the overall reduction at the time of the CAP submittal, and the present overall reduction since activation of the ISCO system. The contaminant concentration trends for the six potable wells with POET systems are discussed below.



Location	MTBE							
	Concentration (µg/L)				Reduction (%)			
	Baseline Sampling (July 2011)	Post ISCO Operation (Aug 2012)	Concentration at CAP Submittal (Oct 2013)	Current Concentration (Nov 2014)	During ISCO Operation (July 2011-Aug 2012)	Post ISCO Operation to CAP Submittal (Aug 2012-Oct 2013)	Reduction from ISCO Activation to CAP Submittal (July 2011-Oct 2013)	Overall Reduction since ISCO Activation (July 2011-Nov 2014)
3990 Farm	1,920	749	324	175	61%	57%	83%	91%
3992 Farm	778	316	145	<0.5	59%	54%	81%	>99%
3994 Farm	745	284	104	50	62%	63%	86%	93%
3996 Farm	18	103	29	14	-472%	72%	-61%	22%
3997 Farm	34	2	<0.5	1	94%	>75%	>99%	97%
3923 Rose	11	1	0.5	0.8	91%	50%	95%	93%

Table Notes:

- For non-detect values, the reporting limit was used for the reduction percentage calculation, so the minimum reduction is shown.
- All concentrations are rounded to the nearest µg/L (except for the current 3923 Rose concentration) and data qualifiers have been omitted from this table.

The table above shows that MTBE concentrations were significantly reduced over the ISCO system operation period and concentrations have continued to decline at a similar rate since the system was shut down. Three of the potable wells had baseline concentrations greater than 700 µg/L, while the remaining three had baseline concentrations less than 40 µg/L. The three potable wells with higher MTBE concentrations reduced between 91% and greater than 99% since the start of ISCO system operation, including reductions of between 54% and 63% from when ISCO system operation ceased to CAP Submittal. Currently there are two potable wells with MTBE concentrations that exceed the MDE Action Level of 20 µg/L, which include the maximum MTBE concentration of 175 µg/L for 3990 Farm Lane.

A table is presented below that shows the last date that the MTBE concentration was above 10 µg/L (1/2 the MDE clean up standard for MTBE) and the last date that there was a detection of MTBE. The table also shows the overall trend for MTBE concentrations which is further illustrated in Appendix E - Residential Supply Well Groundwater Monitoring Graphs.

Location	MTBE		
	Date Concentration was Last Above 10 µg/L	Date of Last Detection	Trend
3990 Farm	October 30, 2014	October 30, 2014	Decreasing
3992 Farm	July 9, 2014	July 9, 2014	Decreasing
3994 Farm	October 30, 2014	October 30, 2014	Decreasing
3996 Farm	October 30, 2014	October 30, 2014	Decreasing
3997 Farm	August 15, 2011	October 30, 2014	Decreasing
3923 Rose	August 19, 2011	October 30, 2014	Decreasing

The table shows that five out of the six potable wells with POET systems had an MTBE detection during the last sampling event, but that all locations exhibit decreasing concentration trends. Of the six potable wells with POET systems, two of the locations have not had an MTBE concentration above 10 µg/L since August of 2011 (more than 3 years).



## **PROPOSED MONITORING PLAN**

GES proposes that sampling and POET system operation and maintenance be discontinued at 3997 Farm and 3923 Rosewood. These locations meet the MDE's Guidance for POET system removal and discontinuing sampling by consistently exhibiting MTBE concentration of less than ½ half the MDE clean-up standard (<10 µg/L) for over two years with decreasing trends.

Additionally, GES proposes the following monitoring and potable wells be removed from the sampling program. These wells have a mean dissolved MTBE concentration less than the MDE Action Level for MTBE of 20 µg/L. Furthermore, many of these locations have never exhibited detections of MTBE above clean-up standards during the duration of this investigation.

- Monitoring wells MW-4, MW-5, MW-6, and MW-12
- Supply wells 3737 Blueberry Court, 3739 Blueberry Court, 3833 Greenridge Drive, 3835 Greenridge Drive, 3837 Greenridge Drive, 3923 Rosewood Road, 3979 Farm Lane, 3981 Farm Lane, 3983 Farm Lane, 3984 Farm Lane, 3984A Farm Lane, 3985 Farm Lane, 3987 Farm Lane, 3989 Farm Lane, 3991 Farm Lane, 3992 Rye Lane, 3993 Farm Lane, 3994 Rye Lane, 3996 Rye Lane, 3997 Farm Lane, 3998 Rye Lane, GVP-FR815955, GVP-FR881366, GVP-FR881394, GVSC-FR737687, GVSC-FR734918, and GVSC-FR736674

Based on the data trends, GES proposes that the monitoring wells, potable wells, and POET systems shown below continued to be monitored on a quarterly basis. This list of wells includes both monitoring wells and potable wells that currently or recently have exhibited MTBE concentrations above the MDE clean-up standard, monitoring wells that can be used as background wells for MNA evaluation, and sentinel monitoring and potable wells to ensure the plume is not expanding.

- Monitoring wells MW-1, MW-2, MW-7, MW-8, MW-9, MW-10, MW-11, MW-13, MW-14S, MW-14D, MW-15D, MW-16, MW-17, MW-18S, and MW-18D
- Supply wells 3740 Blueberry Court, 3990 Farm Lane, 3992 Farm Lane, 3994 Farm Lane, 3995 Farm Lane, 3996 Farm Lane, 3998 Farm Lane, GVP-FR941233, and GVP-FR941281
- POET systems at 3990 Farm Lane, 3992 Farm Lane, 3994 Farm Lane, 3996 Farm Lane, and the Green Valley Plaza

The monitoring wells included in this list will continue to be sampled for VOCs and TPH-GRO, as well as the MNA parameters that were established in the CAP, and the supply wells and POET systems included in this list will continue to be sampled for VOCs. A summary of the proposed monitoring plan is attached as **Table 9** and shows the current sample frequency, the proposed sample frequency from the CAP, and the revised sample frequency proposed following this annual review of data trends. GES proposed to implement this sampling frequency during the 2<sup>nd</sup> quarter of 2015. The wells included in the proposed monitoring program are illustrated on **Figure 6**.

Additionally, GES will collect metals samples from the select monitoring wells and GVP supply wells as outlined in the November 7, 2014 Notice of Dispute Response letter from the MDE.



## **ATTACHMENTS**

### **LIST OF FIGURES**

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Figure 1	Site Map
Figure 2	Local Area Map
Figure 3	Groundwater Contour Map, Fourth Quarter 2014
Figure 4	Groundwater Analytical Map, Fourth Quarter 2014
Figure 5	Onsite and Residential POET System MTBE Concentration Map, Fourth Quarter 2014
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Table 2	Historical Monitoring Well Analytical Data Summary – ISCO Parameters
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Table 4	Historical Monitoring Well Field Parameters Data Summary
Table 5	Historical GVP Potable Well and POET System Data Summary
Table 6	Historical GVSC Potable Well Data Summary
Table 7	Historical Residential POET System Data Summary
Table 8	Historical Residential Potable Well Data Summary – VOC Parameters
Table 9	Sample Frequency Summary

### **APPENDICES**

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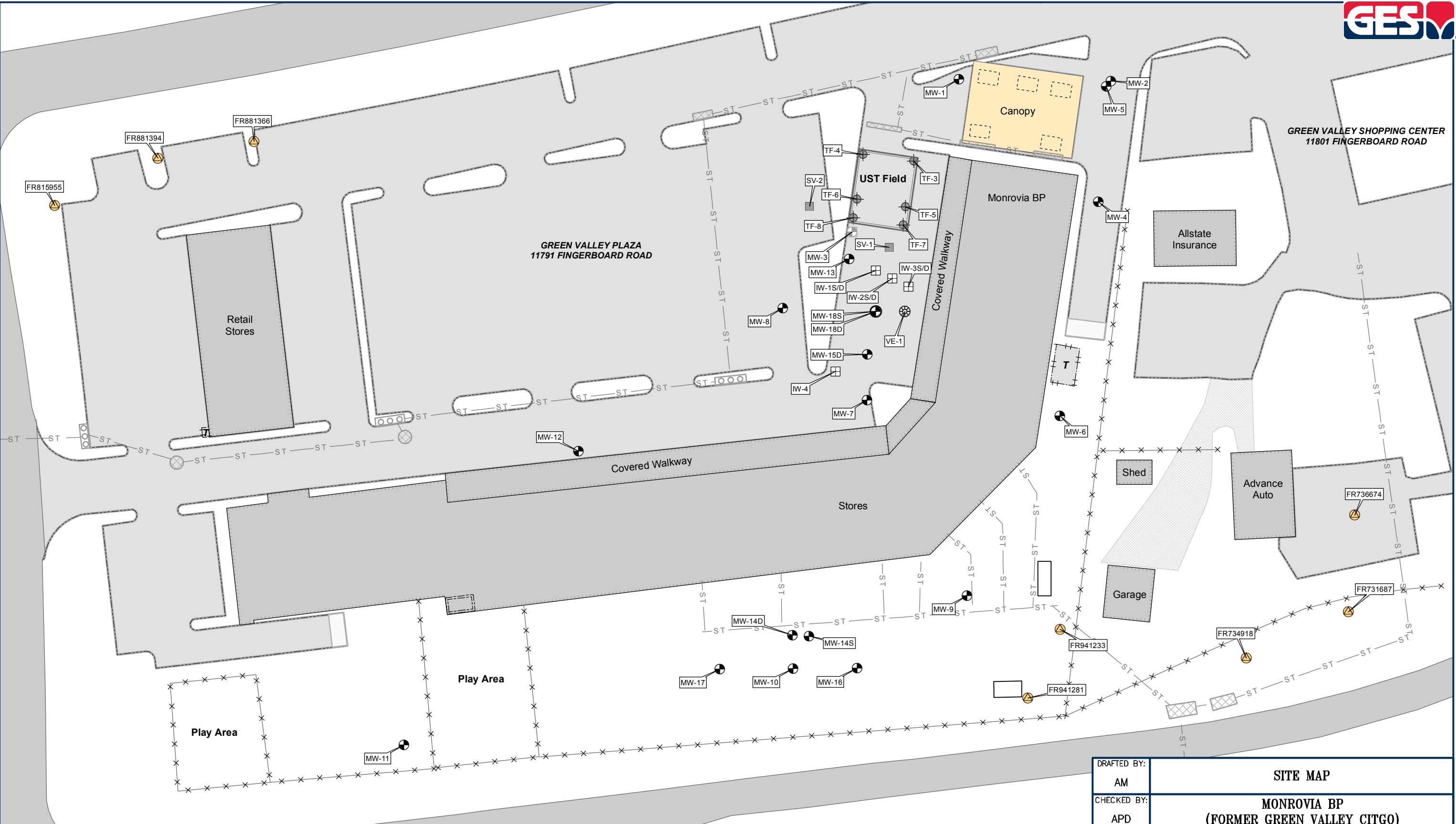
Appendix A	Historical Activities Summary
Appendix B	Low Flow Sampling Data Sheets
Appendix C	Laboratory Reports and Chain of Custody Documentation (attached electronic on CD)
Appendix D	Groundwater Monitoring Graphs
Appendix E	Residential Supply Well Groundwater Monitoring Graphs



## **FIGURES**

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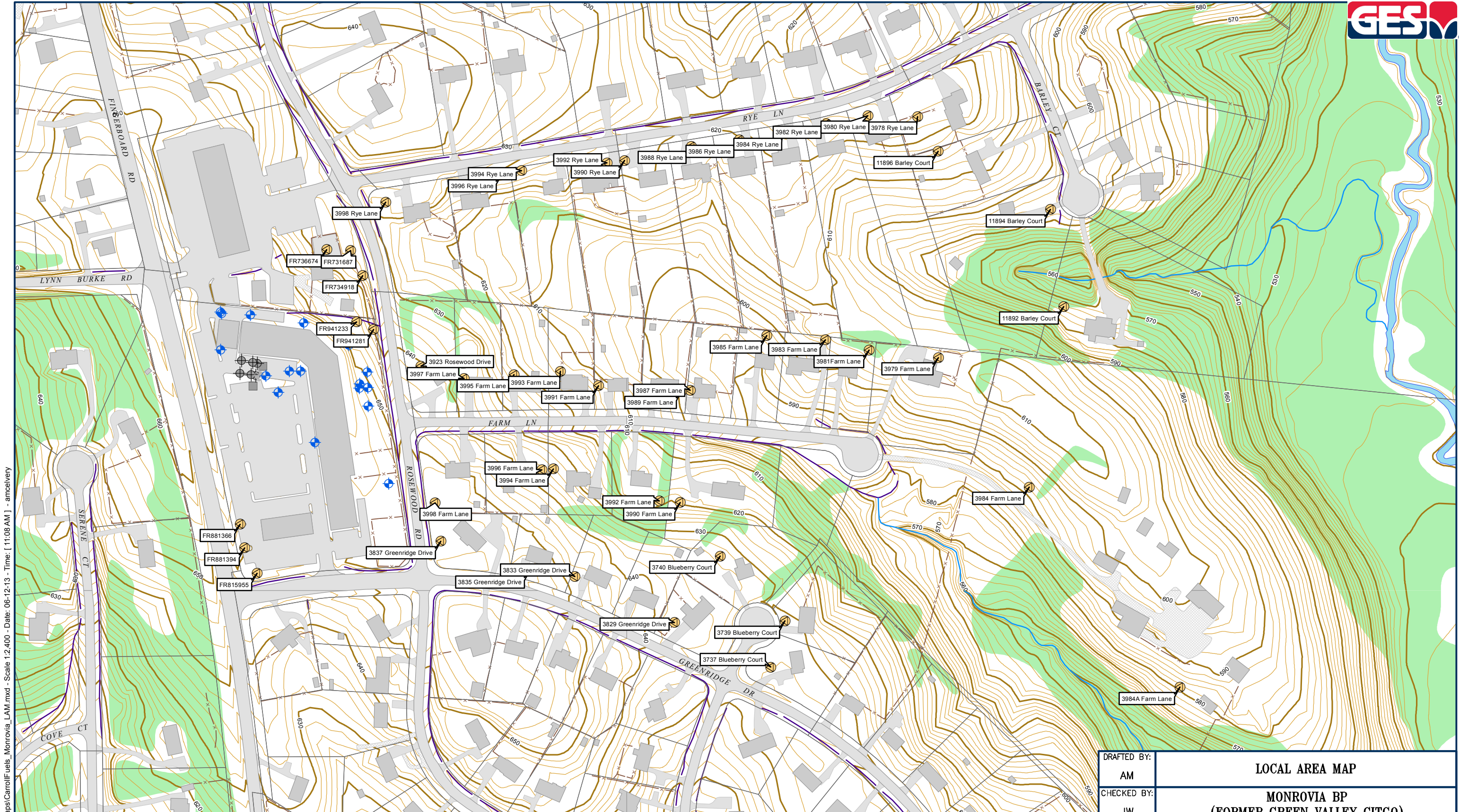
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Legend			
	Abandoned Well		Abandoned Soil Vapor Point
	Monitoring Well		Injection Well
	Potable Well		Nestled Obs Well
	Tank Field Well		Vapor Extraction Well
	Fence		Storm Sewer
	Building		Curb Catch Basin
	Canopy		Catch Basin
	Dispenser		Propane AST
	Tank Field		Pump Room
	Dumpster		Transformer

Source:  
NAIP aerial photograph for Frederick Co. Based on GIS data provided by Environmental Alliance, Inc.

DRAFTED BY: AM	<b>SITE MAP</b>  <b>MONROVIA BP</b> <b>(FORMER GREEN VALLEY CITGO)</b> <b>11791 FINGERBOARD ROAD</b> <b>MONROVIA, MARYLAND</b>	
CHECKED BY: APD		
REVIEWED BY: GR		
NORTH 	Groundwater & Environmental Services, Inc. 1350 Blair Drive, Suite A, Odenton, Maryland 21113	SCALE IN FEET 
	DATE 7-31-12	FIGURE 1



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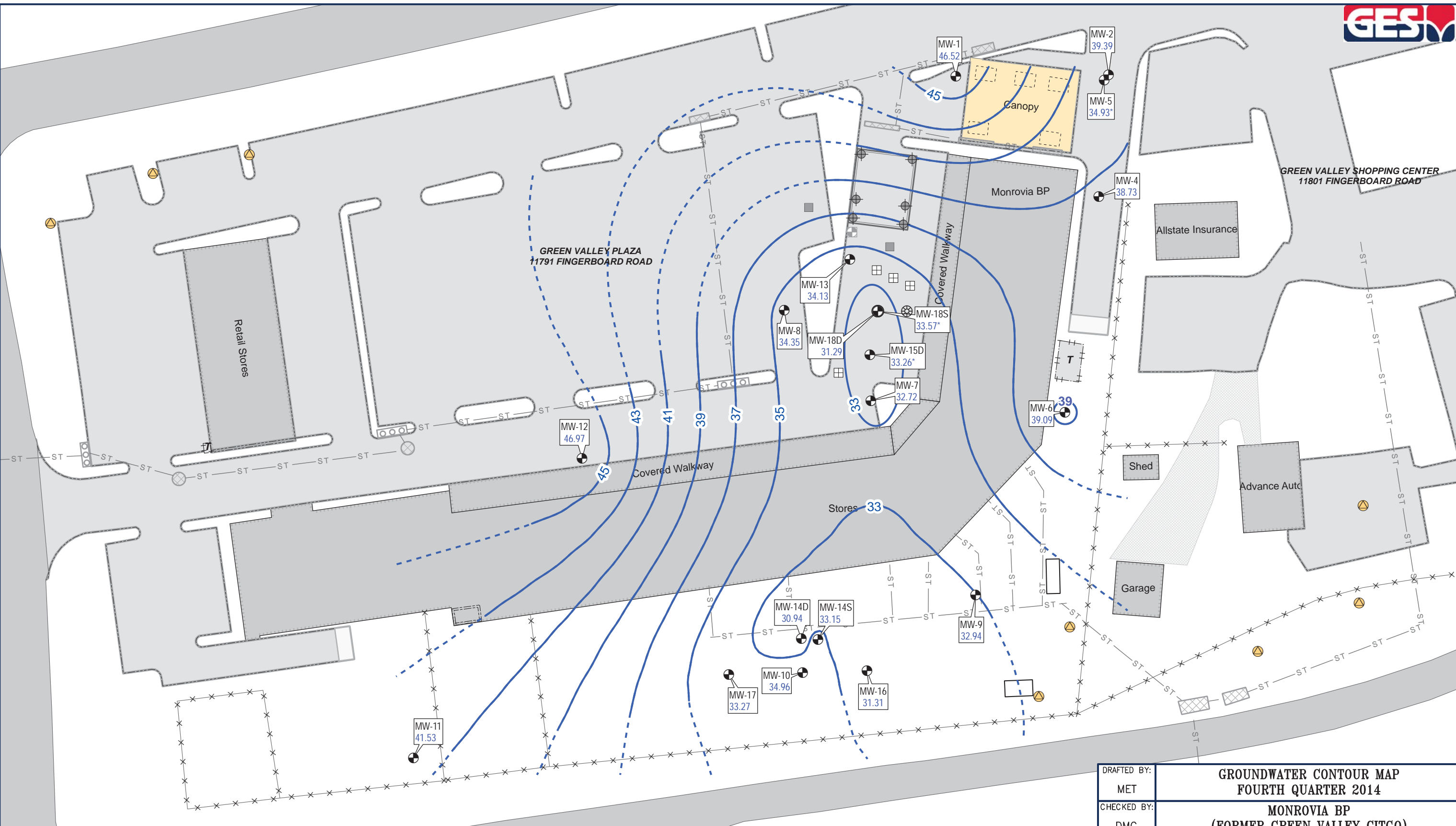
**Legend**

- |  |                 |  |                            |  |                             |  |                  |  |            |  |             |
|--|-----------------|--|----------------------------|--|-----------------------------|--|------------------|--|------------|--|-------------|
|  | Abandoned Well  |  | Tank Field Well            |  | Topographic Contour (10 ft) |  | Building         |  | Stream     |  | Wooded Area |
|  | Monitoring Well |  | Abandoned Soil Vapor Point |  | Intermediate Contour (2 ft) |  | Paved Road/Drive |  | Ditch      |  |             |
|  | Potable Well    |  | Fence                      |  | Property Boundary           |  | Unpaved Drive    |  | Water Body |  |             |

Source: Frederick County GIS

DRAFTED BY: AM	<b>LOCAL AREA MAP</b>	
CHECKED BY: JW		
REVIEWED BY: GR	<b>MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND</b>	
NORTH	Groundwater & Environmental Services, Inc. 1350 BLAIR DR, SUITE A, ODENTON MD 21113	
	SCALE IN FEET 	DATE 6-12-13
		FIGURE 2

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**Legend**

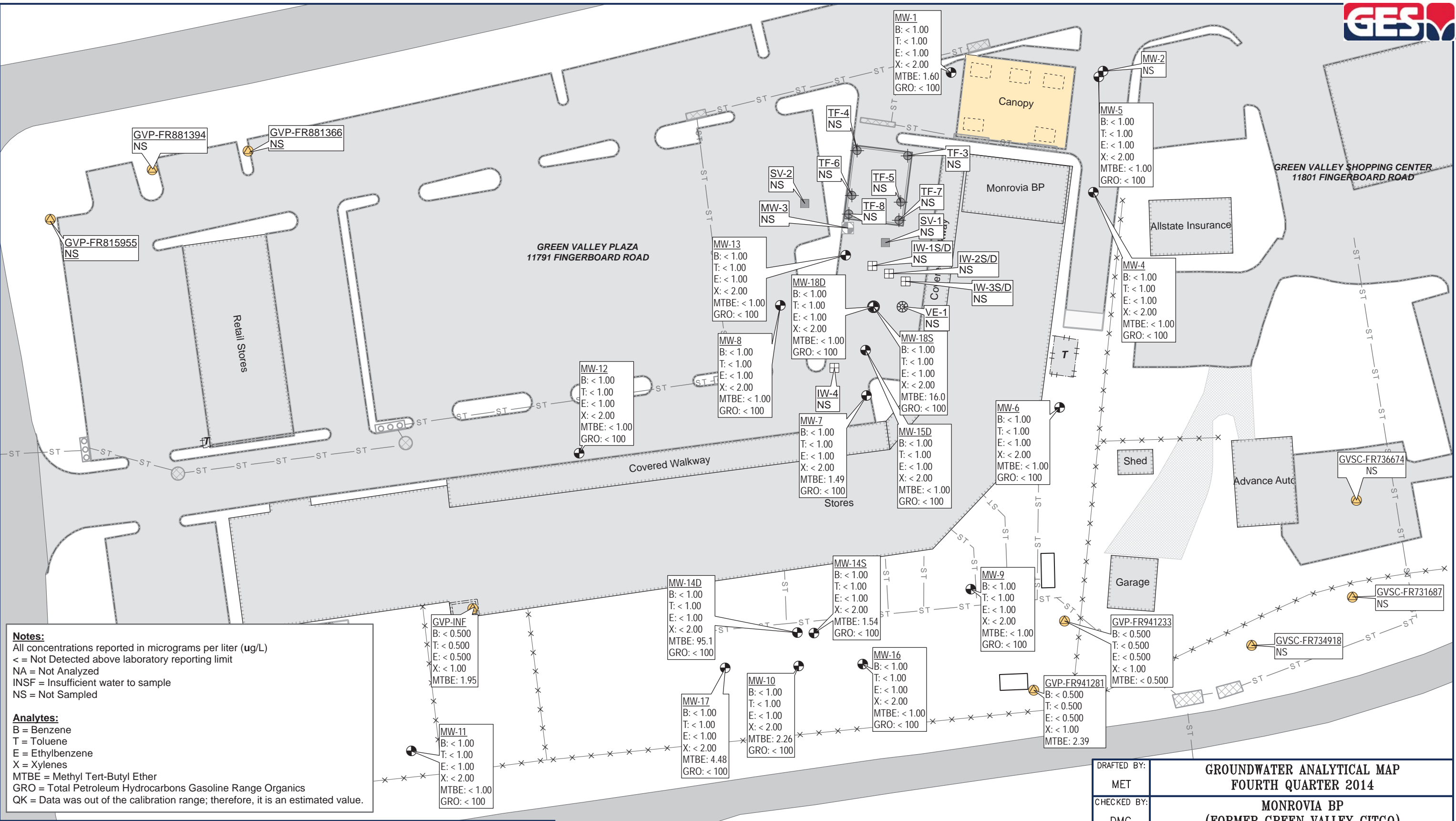
<ul style="list-style-type: none"> <li>Abandoned Well</li> <li>Monitoring Well</li> <li>Potable Well</li> <li>Tank Field Well</li> </ul>	<ul style="list-style-type: none"> <li>Abandoned Soil Vapor Point</li> <li>Injection Well</li> <li>Nested Obs Well</li> <li>Vapor Extraction Well</li> </ul>	<ul style="list-style-type: none"> <li>Fence</li> <li>Storm Sewer</li> <li>Curb Catch Basin</li> <li>Catch Basin</li> </ul>	<ul style="list-style-type: none"> <li>Building</li> <li>Canopy</li> <li>Dispenser</li> <li>Tank Field</li> </ul>	<ul style="list-style-type: none"> <li>Propane AST</li> <li>Pump Room</li> <li>Transformer</li> <li>Dumpster</li> </ul>	<ul style="list-style-type: none"> <li>Groundwater Contour 48.58 Groundwater Elevation</li> <li>Interpolated Contour 40.67* Groundwater Elevation Not Used for Contouring</li> </ul>
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**Note:**  
If gauged multiple times, the first time was used.

**Source:**  
Based on GIS data provided by Environmental Alliance, Inc.

DRAFTED BY: MET	<b>GROUNDWATER CONTOUR MAP FOURTH QUARTER 2014</b>		
CHECKED BY: DMC			
REVIEWED BY: DR	<b>MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND</b>		
NORTH 	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113		
	SCALE IN FEET 	DATE 1-21-15	FIGURE 3

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DRAFTED BY:	GROUNDWATER ANALYTICAL MAP FOURTH QUARTER 2014		
CHECKED BY:	MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND		
REVIEWED BY:	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113		
NORTH	SCALE IN FEET	DATE	FIGURE
		1-21-15	4

Source:  
Based on GIS data provided by  
Environmental Alliance, Inc.



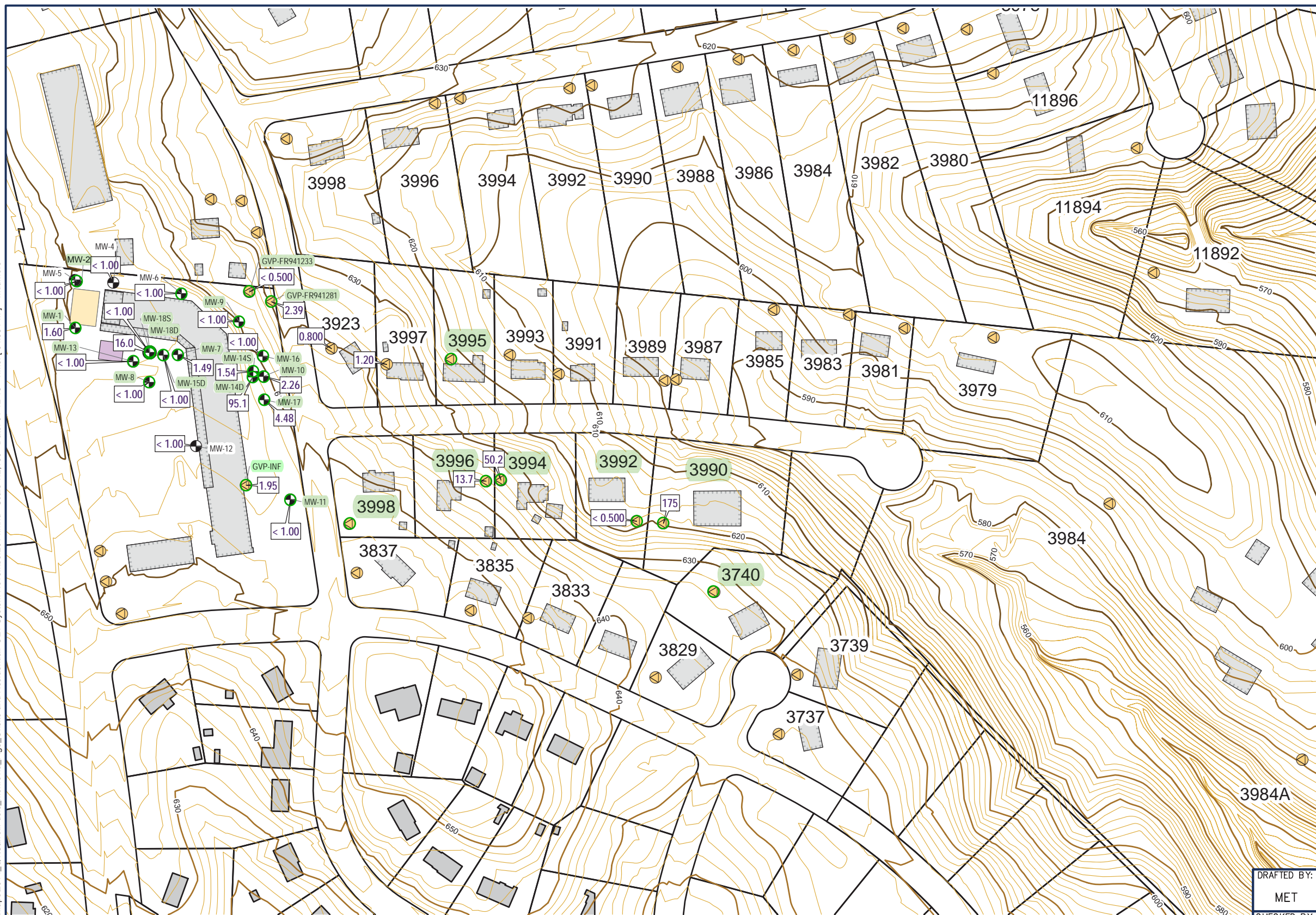
**Legend**

- Building
- Canopy
- Tank Field
- Monitoring Well
- Potable Well
- Nested Obs Well
- Index Contour
- Intermediate Contour
- <1.0 MTBE Concentration Value

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**Source:**  
Based on GIS data provided by  
Environmental Alliance, Inc.

DRAFTED BY:	MET		
CHECKED BY:	DMC		
REVIEWED BY:	DR		
NORTH			
<b>ONSITE AND RESIDENTIAL POET SYSTEM MTBE CONCENTRATION MAP FOURTH QUARTER 2014</b>			
<b>MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND</b>			
Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113			
SCALE IN FEET	DATE	FIGURE	
	1-12-15	5	



- Legend**
- Building
  - Canopy
  - Tank Field
  - Monitoring Well
  - Potable Well
  - Nested Obs Well
  - Index Contour
  - Intermediate Contour
  - <1.0 MTBE Concentration Value
  - MW-8 Well in the Proposed Well Network

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**Source:**  
Based on GIS data provided by  
Environmental Alliance, Inc.

DRAFTED BY:	PROPOSED MONITORING PROGRAM		
MET	<b>MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND</b>		
CHECKED BY:			
DMC			
REVIEWED BY:	Groundwater & Environmental Services, Inc.		
DR	1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113		
NORTH	SCALE IN FEET	DATE	FIGURE
		1-12-15	6
	0 180		



## **TABLES**

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Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
IW-1D	12/15/2010	GRAB	98.60	NR	-	-	<2	<2	<2	<4.00	<10	9,520	50.2	<2	-	100	22,900	-	-
	03/10/2011	-	98.60	61.04	73.50	37.56	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	98.60	52.50	73.50	46.10	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	98.60	60.27	69.44	38.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2011	-	98.60	52.38	72.43	46.22	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	98.60	57.85	42.45	40.75	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	98.60	60.88	-	37.72	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	98.60	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	98.60	58.92	-	39.68	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-1S	12/15/2010	GRAB	98.52	NR	-	-	<2	<2	<2	<4	<10	13,500	110	<2	-	199	23,600	-	-
	03/10/2011	-	98.52	61.30	66.30	37.22	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	98.52	52.56	66.30	45.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	98.52	60.45	62.32	38.07	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2011	GRAB	98.52	NR	-	-	<2	<2	<2	<4	<10	166	<2	<2	<10	<2	1,190	-	-
	01/13/2012	-	98.52	57.85	66.32	40.67	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	98.52	60.70	-	37.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	98.52	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	98.52	58.64	-	39.88	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	12/15/2010	GRAB	98.71	NR	-	-	<2	<2	<2	<4	<10	38,900	112	<2	-	675	85,900	-	-
	03/10/2011	-	98.71	61.70	103.93	37.01	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	98.71	51.38	100.50	47.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	98.71	57.74	103.91	40.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2011	GRAB	98.71	NR	-	-	<2	<2	<2	<4	<10	44,300	162	<2	2,720	688	83,700	-	-
	01/13/2012	-	98.71	52.55	104.05	46.16	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	98.71	57.18	103.286	41.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	98.71	55.25	103.90	43.46	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	98.71	58.01	-	40.70	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	98.71	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	98.71	56.03	-	42.68	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-2S	12/15/2010	GRAB	98.63	NR	-	-	<2	<2	<2	<4	<10	1,820	6.42	<2	-	23.7	4,270	-	-
	03/10/2011	-	98.63	58.40	87.26	40.23	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	98.63	51.22	91.15	47.41	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	98.63	59.30	87.24	39.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2011	GRAB	98.63	NR	-	-	<2	<2	<2	<4	<10	904	25.7	<2	400	81.2	1,440	-	-
	01/13/2012	-	98.63	55.15	91.25	43.48	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
IW-2S (cont.)	10/03/2012	-	98.63	60.15	-	38.48	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	98.63	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	98.63	58.63	-	40.00	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	12/15/2010	-	98.62	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/10/2011	-	98.62	55.79	130.75	42.83	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	98.62	49.30	130.70	49.32	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	98.62	56.50	130.65	42.12	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2011	GRAB	98.62	NR	-	-	<2	<2	<2	<4	<10	986	4.98	<2	<10	17.7	1,990	-	-
	01/13/2012	-	98.62	51.90	130.76	46.72	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	98.62	55.20	133.82	43.42	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	98.62	53.20	133.83	45.42	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	98.62	56.05	-	42.57	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	98.62	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	98.62	54.24	-	44.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	IW-3S	12/15/2010	GRAB	98.51	NR	-	-	<2	<2	<2	<4	<10	6,020	23.2	<2	-	102	15,700	-
03/10/2011		-	98.51	58.42	123.8	40.09	-	-	-	-	-	-	-	-	-	-	-	-	-
05/10/2011		-	98.51	49.90	127.74	48.61	-	-	-	-	-	-	-	-	-	-	-	-	-
07/12/2011		-	98.51	56.71	127.52	41.80	-	-	-	-	-	-	-	-	-	-	-	-	-
11/18/2011		GRAB	98.51	NR	-	-	<2	<2	<2	<4	<10	8,480	27.9	<2	<10	88.3	9,280	-	-
01/13/2012		-	98.51	52.40	123.85	46.11	-	-	-	-	-	-	-	-	-	-	-	-	-
04/03/2012		-	98.51	54.90	123.75	43.61	-	-	-	-	-	-	-	-	-	-	-	-	-
07/16/2012		-	98.51	53.48	127.55	45.03	-	-	-	-	-	-	-	-	-	-	-	-	-
10/03/2012		-	98.51	56.96	-	41.55	-	-	-	-	-	-	-	-	-	-	-	-	-
01/14/2013		-	98.51	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04/22/2013	-	98.51	55.30	-	43.21	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-1 (61.5) {2} [40-61.5]	02/27/2006	NR	99.19	45.50	-	53.69	<0.5	1	<0.8	<0.8	1	16	0.8	<0.8	-	<0.8	15	1,100	77
	09/19/2006	NR	99.19	47.44	-	51.75	1	<0.7	<0.8	<0.8	1	14	3	<0.8	-	1	39	7,900	150
	04/19/2007	NR	99.19	41.83	-	57.36	<0.5	<0.7	<0.8	<0.8	<2.8	9	1	<0.8	-	<0.8	<10	160	33
	08/08/2007	NR	99.19	51.63	-	47.56	1	<0.7	<0.8	<0.8	1	31	6	<0.8	-	1	54	2,400	220
	10/10/2007	NR	99.19	54.35	-	44.84	1	<0.7	<0.8	<0.8	1	35	7	<0.8	-	2	46	1,200	210
	01/16/2008	NR	99.19	50.50	-	48.69	2	<0.7	<0.8	<0.8	2	59	16	<0.8	-	2	97	1,500	1,000
	04/15/2008	NR	99.19	47.54	-	51.65	0.9	<0.7	<0.8	<0.8	0.9	28	6	<0.8	-	1	76	630	770
	06/12/2008	NR	99.19	43.98	-	55.21	<0.5	<0.7	<0.8	<0.8	<2.8	9	2	<0.8	-	<0.8	11	780	110
	10/21/2008	NR	99.19	49.50	-	49.69	<0.5	<0.7	<0.8	<0.8	<2.8	17	3	<0.8	-	<0.8	<10	-	65
	01/30/2009	NR	99.19	48.61	-	50.58	<1.00	<1.00	<1.00	<2.00	<5.00	12.6	3.33	<1.00	<5.00	<1.00	<5.00	<300	60.5

Table 1

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47	
MW-1 (cont.)	04/09/2009	NR	99.19	51.71	-	47.48	<1.00	<1.00	<1.00	<2.00	<5.00	6.83	1.68	<1.00	<5.00	<1.00	<5.00	<300	<100	
	07/23/2009	NR	99.19	48.78	-	50.41	<2.00	<2.00	<2.00	<4.00	<10.00	14.3	3.08	<2.00	<10.00	<2.00	<10.00	<300	<100	
	10/01/2009	NR	99.19	48.63	-	50.56	<1.00	<1.00	<1.00	<2.00	<5.00	5.69	1.22	<1.00	<5.00	<1.00	<5.00	43.2	43.2	
	01/15/2010	NR	99.19	42.83	-	56.36	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100	
	04/16/2010	NR	99.19	43.50	-	55.69	<1.00	<1.00	<1.00	<2.00	<5.00	1.54	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100	
	07/20/2010	NR	99.19	51.25	-	47.94	<1.00	<1.00	<1.00	<2.00	<5.00	2.15	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100	
	09/20/2010	NR	99.19	NR	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	2.72	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100	
	12/08/2010	P&S	99.19	52.88	60.55	46.31	<1	<1	<1	<2	<5	2.72	<1	<1	-	<1	<5	<300	<100	
	03/09/2011	LF (60)	99.19	44.81	60.51	54.38	<1.00	<1.00	<1.00	<2.00	<5.00	1.45	<1.00	<1.00	-	<1.00	<5.00	<150	<100	
	05/10/2011	LF (60)	99.19	41.83	60.51	57.36	<1	<1	<1	<2	<5	1.05	<1	<1	<5	<1	<5	<150	<100	
	07/12/2011	LF (60)	99.19	48.14	60.53	51.05	<1	<1	<1	<2	<5	1.94	<1	<1	<5	<1	<5	169	<100	
	10/18/2011	LF (60)	99.19	42.90	61.50	56.29	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100	
	01/12/2012	LF (60)	99.19	45.22	61.5	53.97	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<155	<100	
	02/16/2012	-	99.19	47.63	-	51.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	LF (60)	99.19	46.52	60.48	52.67	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	434	<100	
	07/16/2012	LF (60)	99.19	44.65	60.52	54.54	<2	<2	<2	<4	<10	3.62	<2	<2	<10	<2	<10	<150	<100	
	08/08/2012	LF (60)	99.19	46.50	-	52.69	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	-	-	
	09/05/2012	-	99.19	47.35	-	51.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	99.19	49.38	-	49.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/04/2012	LF (60)	99.19	48.71	-	50.48	<1	<1	<1	<2	<5	1.93	<1	<1	<5	<1	<5	<153	<100	
	01/14/2013	-	99.19	48.40	-	50.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2013	LF (60)	99.19	48.41	-	50.78	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100	
	04/22/2013	-	99.19	47.25	-	51.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/24/2013	LF (60)	99.19	47.05	-	52.14	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100	
	07/22/2013	-	99.19	48.75	-	50.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/24/2013	LF (60)	99.19	48.95	-	50.24	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100	
	10/21/2013	-	99.19	45.83	-	53.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2013	LF (60)	99.19	45.95	-	53.24	<1.00	<1.00	<1.00	<2.00	<5.00	1.32	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100	
	01/09/2014	-	99.19	44.57	-	54.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2014	LF (60)	99.19	43.21	-	55.98	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100	
	04/14/2014	-	99.19	42.37	-	56.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/15/2014	LF (60)	99.19	42.50	-	56.69	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100	
	07/28/2014	-	99.19	48.27	-	50.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07/31/2014	LF (60)	99.19	48.65	-	50.54	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100		
11/17/2014	LF (60)	99.19	52.67	-	46.52	<1.00	<1.00	<1.00	<2.00	<5.00	1.60	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100		
MW-2 (61.5) {2} [40-61.5]	02/27/2006	NR	99.47	49.00	-	50.47	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	<0.8	<0.8	-	<0.8	<10	310	58	
	09/19/2006	NR	99.47	58.31	-	41.16	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	<0.8	<0.8	-	<0.8	<10	520	390	
	04/19/2007	NR	99.47	45.61	-	53.86	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	<0.8	<0.8	-	<0.8	<10	380	130	
	08/08/2007	-	99.47	60.25	-	39.22	-	-	-	-	-	-	-	-	-	-	-	-	-	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-2 (cont.)	01/16/2008	-	99.47	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/15/2008	NR	99.47	53.30	-	46.17	1	<0.7	<0.8	<0.8	1	<0.5	<0.8	<0.8	-	<0.8	10	310	650
	06/12/2008	NR	99.47	46.94	-	52.53	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	<0.8	<0.8	-	<0.8	<10	150	310
	10/21/2008	NR	99.47	58.42	-	41.05	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	<0.8	<0.8	-	<0.8	<10	-	170
	01/30/2009	NR	99.47	55.47	-	44.00	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	11,100
	04/09/2009	-	99.47	60.21	-	39.26	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2009	NR	99.47	54.36	-	45.11	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	138
	10/02/2009	NR	99.47	57.18	-	42.29	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	1.08	<5.00	144	293
	01/15/2010	NR	99.47	45.09	-	54.38	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	04/16/2010	NR	99.47	46.23	-	53.24	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/19/2010	-	99.47	60.09	-	39.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/20/2010	NR	99.47	NR	-	-	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	-	-
	12/08/2010	GRAB	99.47	60.18	60.60	39.29	<2	<2	<2	<4	<10	<2	<2	<2	-	<2	<10	-	-
	03/09/2011	P&S	99.47	52.77	60.55	46.70	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	-	<1.00	<5.00	<150	<100
	05/10/2011	P&S	99.47	44.20	60.55	55.27	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	209	<100
	07/12/2011	GRAB	99.47	57.47	60.57	42.00	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	188	<100
	10/18/2011	P&S	99.47	47.60	60.58	51.87	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	200	<100
	01/11/2012	P&S	99.47	48.40	60.50	51.07	<2	<2	<2	<4	<10	4.38	<2	<2	<10	<2	<10	405	<100
	02/16/2012	-	99.47	53.27	-	46.20	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	GRAB	99.47	52.59	60.58	46.88	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	161	<100
	07/16/2012	GRAB	99.47	58.80	60.52	40.67	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<150	<100
	08/08/2012	GRAB	99.47	51.50	-	47.97	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	-
	09/05/2012	-	99.47	53.33	-	46.14	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	99.47	58.42	-	41.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/04/2012	P&S	99.47	58.44	60.55	41.03	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	01/14/2013	-	99.47	55.88	-	43.59	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2013	P&S	99.47	55.88	60.57	43.59	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<151	<100
	04/22/2013	-	99.47	53.31	-	46.16	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/24/2013	P&S	99.47	53.25	60.56	46.22	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<153	<100
	07/22/2013	-	99.47	56.96	-	42.51	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2013	P&S	99.47	57.11	-	42.36	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	10/21/2013	-	99.47	52.00	-	47.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2013	P&S	99.47	51.87	60.77	47.60	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	01/09/2014	-	99.47	48.30	60.56	51.17	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2014	P&S	99.47	45.96	-	53.51	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	04/14/2014	-	99.47	44.76	60.56	54.71	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/15/2014	P&S	99.47	44.87	-	54.60	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	268	<100
	07/28/2014	-	99.47	55.92	-	43.55	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/28/2014	P&S	99.47	55.95	60.58	43.52	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	11/17/2014	-	99.47	60.08	-	39.39	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47	
MW-3	02/27/2006	NR	NR	54.24	-	-	6	3	<0.8	1	10	22,000	160	<0.8	-	330	10,000	7,600	23,000	
	09/19/2006	NR	NR	55.93	-	-	66	<35	<40	<40	66	59,000	550	<40	-	920	41,000	8,100	82,000	
	04/19/2007	NR	NR	51.23	-	-	41	<35	<40	<40	41	66,000	400	<40	-	570	57,000	940	66,000	
	08/08/2007	NR	NR	57.85	-	-	77	<70	<80	<80	77	47,000	410	<80	-	450	17,000	-	60,000	
	10/10/2007	-	NR	59.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2008	NR	NR	56.41	-	-	77	<70	<80	<80	77	78,000	640	<80	-	710	39,000	1,900	110,000	
	04/15/2008	NR	NR	55.40	-	-	<50	<70	<80	<80	<280	71,000	320	<80	-	420	45,000	1,300	78,000	
MW-4 (61.5) {2} [40-61.5]	02/27/2006	NR	97.84	51.51	-	46.33	<0.5	<0.7	<0.8	<0.8	<2.8	3	<0.8	<0.8	-	<0.8	<10	170	89	
	09/19/2006	NR	97.84	55.11	-	42.73	<0.5	<0.7	<0.8	<0.8	<2.8	3	<0.8	<0.8	-	<0.8	<10	5,700	100	
	04/19/2007	NR	97.84	50.43	-	47.41	<0.5	<0.7	<0.8	<0.8	<2.8	1	<0.8	<0.8	-	<0.8	<10	130	<20	
	08/08/2007	NR	97.84	57.41	-	40.43	<0.5	<0.7	<0.8	<0.8	<2.8	4	<0.8	<0.8	-	<0.8	<10	<30	<20	
	10/10/2007	NR	97.84	59.45	-	38.39	<0.5	<0.7	<0.8	<0.8	<2.8	2	<0.8	<0.8	-	<0.8	<10	840	<20	
	01/16/2008	NR	97.84	58.27	-	39.57	<0.5	<0.7	<0.8	<0.8	<2.8	2	<0.8	<0.8	-	<0.8	<10	360	<20	
	04/15/2008	NR	97.84	53.77	-	44.07	<0.5	<0.7	<0.8	<0.8	<2.8	1	<0.8	<0.8	-	<0.8	<10	490	<20	
	06/12/2008	NR	97.84	50.72	-	47.12	<0.5	<0.7	<0.8	<0.8	<2.8	0.6	<0.8	<0.8	-	<0.8	<10	230	<20	
	10/21/2008	NR	97.84	56.58	-	41.26	<0.5	<0.7	<0.8	<0.8	<2.8	1	<0.8	<0.8	-	<0.8	<10	-	<20	
	01/30/2009	NR	97.84	55.42	-	42.42	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	45.4	
	04/09/2009	NR	97.84	68.95	-	28.89	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100	
	07/23/2009	NR	97.84	54.28	-	43.56	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100	
	10/02/2009	NR	97.84	55.84	-	42.00	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	51.1	83.9	
	01/15/2010	NR	97.84	49.97	-	47.87	<2.00	<2.00	<2.00	<4.00	<10.00	4.36	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100	
	04/14/2010	NR	97.84	50.63	-	47.21	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100	
	07/20/2010	NR	97.84	58.67	-	39.17	<1.00	<1.00	<1.00	<2.00	<5.00	2.57	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100	
	12/08/2010	GRAB	97.84	59.12	61.09	38.72	<1	<1	<1	<2	<5	1.31	<1	<1	<1	<1	<5	<300	<100	
	03/09/2011	GRAB	97.84	57.98	60.58	39.86	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<150	<100	
	05/10/2011	P&S	97.84	50.40	60.58	47.44	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<1	<5	<150	<100
	07/12/2011	P&S	97.84	55.94	60.59	41.90	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<1	<5	<150	<100
	10/18/2011	P&S	97.84	52.32	60.60	45.52	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<1	<5	<150	<100
	01/11/2012	P&S	97.84	51.83	60.55	46.01	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<153	<100	
	02/16/2012	-	97.84	53.78	-	44.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	GRAB	97.84	54.25	60.61	43.59	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<1	<5	<152	<100
	07/16/2012	GRAB	97.84	57.65	60.59	40.19	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<154	<100	
	08/08/2012	GRAB	97.84	53.64	-	44.20	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	-	
	09/05/2012	-	97.84	54.24	-	43.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/03/2012	P&S	97.84	56.38	60.57	41.46	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<1	<5	<150	<100	
01/14/2013	-	97.84	56.31	-	41.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/16/2013	P&S	97.84	56.32	60.38	41.52	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<1	<5	<151	<100	

Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-4 (cont.)	04/22/2013	-	97.84	54.20	-	43.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/24/2013	P&S	97.84	54.21	60.56	43.63	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<153	<100
	07/22/2013	-	97.84	56.21	-	41.63	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2013	P&S	97.84	56.28	-	41.56	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	10/21/2013	-	97.84	56.29	-	41.55	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2013	P&S	97.84	56.10	60.60	41.74	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
	01/09/2014	-	97.84	53.32	60.58	44.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2014	P&S	97.84	52.42	-	45.42	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	04/14/2014	-	97.84	49.90	60.58	47.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/15/2014	P&S	97.84	49.92	-	47.92	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	07/28/2014	P&S	97.84	54.94	60.60	42.90	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
11/17/2014	GRAB	97.84	59.11	-	38.73	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100	
MW-5 (70) {4} [40-70]	06/12/2008	NR	99.60	47.31	-	52.29	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	<0.8	<0.8	-	<0.8	<10	34	26
	10/21/2008	NR	99.60	58.79	-	40.81	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	<0.8	<0.8	-	<0.8	<10	1,200	22
	01/30/2009	NR	99.60	56.13	-	43.47	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	8.05	<1.00	<5.00	92	122
	04/09/2009	NR	99.60	60.19	-	39.41	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/23/2009	NR	99.60	54.88	-	44.72	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	10/02/2009	NR	99.60	57.58	-	42.02	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	25.7	63.9
	01/15/2010	NR	99.60	45.19	-	54.41	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	04/16/2010	NR	99.60	46.46	-	53.14	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/20/2010	NR	99.60	62.10	-	37.50	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	12/08/2010	GRAB	99.60	63.31	70.65	36.29	<1	<1	<1	<2	<5	<1	<1	<1	-	<1	<5	<300	<100
	03/09/2011	LF (68)	99.60	52.80	70.60	46.80	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<150	<100
	05/10/2011	LF (68)	99.60	44.17	70.60	55.43	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	07/12/2011	LF (68)	99.60	57.82	70.61	41.78	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<167	<100
	10/18/2011	LF (68)	99.60	48.00	78.60	51.60	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	01/12/2012	LF (68)	99.60	48.88	70.0	50.72	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<155	<100
	02/16/2012	-	99.60	53.70	-	45.90	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	LF (68)	99.60	53.07	70.76	46.53	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<157	<100
	07/16/2012	LF (68)	99.60	50.33	72.52	49.27	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<150	<100
	08/08/2012	LF (68)	99.60	51.83	-	47.77	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	-	-
	09/05/2012	-	99.60	53.72	-	45.88	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	99.60	58.70	-	40.90	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/04/2012	LF (68)	99.60	58.64	-	40.96	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	01/14/2013	-	99.60	56.29	-	43.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2013	LF (68)	99.60	56.34	-	43.26	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	04/22/2013	-	99.60	53.75	-	45.85	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/24/2013	LF (68)	99.60	53.65	-	45.95	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<153	<100
	07/22/2013	-	99.60	57.32	-	42.28	-	-	-	-	-	-	-	-	-	-	-	-	-

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-5 (cont.)	07/24/2013	LF (68)	99.60	57.62	-	41.98	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	10/21/2013	-	99.60	52.51	-	47.09	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2013	LF (68)	99.60	52.58	-	47.02	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	01/09/2014	-	99.60	48.73	-	50.87	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2014	LF (68)	99.60	46.98	-	52.62	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	04/14/2014	-	99.60	44.87	-	54.73	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/15/2014	LF (68)	99.60	44.92	-	54.68	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	07/28/2014	-	99.60	56.33	-	43.27	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/30/2014	LF (68)	99.60	56.78	-	42.82	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	11/17/2014	LF (68)	99.60	64.67	-	34.93	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
MW-6 (60) {4} [40-60]	06/12/2008	NR	98.09	55.22	-	42.87	<0.5	<0.7	<0.8	<0.8	<2.8	0.9	<0.8	<0.8	-	<0.8	<10	47	<20
	10/21/2008	-	98.09	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2009	-	98.09	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/09/2009	-	98.09	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2009	-	98.09	58.85	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/01/2009	-	98.09	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/18/2010	NR	98.09	53.20	-	44.89	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.0	<2.00	<10.0	<300	<100
	04/14/2010	NR	98.09	54.63	-	43.46	<1.00	<1.00	<1.00	<2.00	<5.00	2.7	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/19/2010	-	98.09	58.85	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	GRAB	98.09	58.95	59.45	39.14	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<5	-	<100
	03/09/2011	-	98.09	59.14	59.40	38.95	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	P&S	98.09	54.15	70.60	43.94	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	07/12/2011	-	98.09	DRY	59.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2011	P&S	98.09	55.51	59.45	42.58	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	01/11/2012	GRAB	98.09	55.85	59.35	42.24	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<150	<100
	02/16/2012	-	98.09	58.85	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	98.09	58.94	59.48	39.15	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	GRAB	98.09	58.51	59.40	39.58	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	-	<100
	08/08/2012	GRAB	98.09	58.45	-	39.64	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	-
	09/05/2012	-	98.09	58.92	-	39.17	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	GRAB	98.09	58.95	59.40	39.14	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	-	-
	01/14/2013	-	98.09	58.97	-	39.12	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/18/2013	GRAB	98.09	58.96	59.50	39.13	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	-	-
	04/22/2013	-	98.09	58.89	-	39.20	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/25/2013	-	98.09	58.89	59.45	39.20	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/22/2013	-	98.09	59.31	-	38.78	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2014	GRAB	98.09	57.66	59.45	40.43	<1.00	<1.00	<1.00	<2.00	<5	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
	04/14/2014	-	98.09	54.06	59.45	44.03	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-6 (cont.)	04/16/2014	GRAB	98.09	53.47	-	44.62	<1.00	<1.00	<1.00	<2.00	<5	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<600	<100
	07/28/2014	GRAB	98.09	58.91	59.47	39.18	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
	11/17/2014	GRAB	98.09	59.00	-	39.09	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
MW-7 (80) {4} [53-80]	06/12/2008	NR	97.66	54.79	-	42.87	52	<35	<40	<40	52	86,000	530	<40	-	2,300	81,000	530	130,000
	10/21/2008	-	97.66	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2009	-	97.66	62.99	-	34.67	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/09/2009	NR	97.66	64.64	-	33.02	11.5	<2.00	<2.00	2.48	14.0	24,900	204	<2.00	1,320	490	22,400	<300	<100
	07/23/2009	NR	97.66	59.17	-	38.49	<5.00	<5.00	<5.00	<10.00	<25.00	27,800	474	9.2	1,790	636	29,600	<300	1,380
	10/02/2009	NR	97.66	61.33	-	36.33	1.34	<1.00	<1.00	1.02	2.36	11,800	76.3	<1.00	388	191	8,490	57.4	1,200
	01/15/2010	NR	97.66	51.89	-	45.77	<5.00	<5.00	<5.00	<10.00	<25.00	17,400	348	6.9	1,480	414	24,000	<300	234
	04/16/2010	NR	97.66	53.54	-	44.12	<2.00	<2.00	<2.00	<4.00	<10.00	14,700	181	3	838	308	8,440	<300	1,080
	07/20/2010	NR	97.66	63.56	-	34.10	2.52	<2.00	<2.00	<4.00	2.52	10,600	144	<2.00	937	344	10,300	<300	1,010
	11/23/2010	P&S	97.66	63.97	79.8	33.69	<2	<2	<2	<4	<10	14,000	122	<2	-	233	14,000	232	1,190
	11/30/2010	-	97.66	64.22	-	33.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	97.66	64.22	-	33.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	97.66	64.18	-	33.48	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	97.66	61.68	81.06	35.98	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/10/2011	LF (69)	97.66	60.99	81.06	36.67	<2.00	<2.00	<2.00	<4.00	<10.00	5,530	118	<2.00	-	158	5,560	<150	855
	05/10/2011	-	97.66	52.33	81.06	45.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/11/2011	LF (69)	97.66	52.40	81.06	45.26	<2	<2	<2	<4	<10	5,690	49.3	<2	97	73.3	1,070	<150	974
	07/12/2011	-	97.66	60.32	80.71	37.34	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/13/2011	LF (69)	97.66	60.38	80.71	37.28	<2	<2	<2	<4	<10	2,530	57	<2	93.3	73.9	1,280	<150	951
	09/14/2011	-	97.66	52.93	-	44.73	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (69)	97.66	53.59	-	44.07	<2	<2	<2	<4	<10	1,850	34.6	<2	<10	44.5	469	<150	814
	10/18/2011	LF (69)	97.66	53.85	80.00	43.81	<2	<2	<2	<4	<10	3,540	75.3	<2	<10	70.2	334	<158	441
	11/16/2011	LF (69)	97.66	55.14	-	42.52	<2	<2	<2	<4	<10	3,700	120	<2	<10	73.4	661	<150	809
	12/08/2011	-	97.66	53.38	-	44.28	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/11/2012	LF (69)	97.66	54.76	80.00	42.90	<2	<2	<2	<4	<10	2,400	67.6	<2	91.4	91.3	929	<159	660
	02/16/2012	-	97.66	57.81	-	39.85	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/2012	-	97.66	58.23	-	39.43	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	97.66	58.90	-	38.76	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	-	97.66	58.77	-	38.89	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	97.66	58.62	-	39.04	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	LF (69)	97.66	58.90	79.80	38.76	<2	<2	<2	<4	<10	6,400	104	<2	<10	119	1,250 QK	181	280
	04/26/2012	-	97.66	60.07	-	37.59	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	97.66	60.88	-	36.78	-	-	-	-	-	-	-	-	-	-	-	-	-
05/21/2012	-	97.66	61.40	-	36.26	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/24/2012	-	97.66	61.43	-	36.23	-	-	-	-	-	-	-	-	-	-	-	-	-	
06/04/2012	-	97.66	57.95	-	39.71	-	-	-	-	-	-	-	-	-	-	-	-	-	



Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-7 (cont.)	06/13/2012	LF (69)	97.66	56.92	79.55	40.74	<2	<2	<2	<4	<10	467 QK	42.7	<2	<10	2.44	<10	<154	111
	06/18/2012	-	97.66	57.00	-	40.66	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	97.66	58.04	-	39.62	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/11/2012	-	97.66	56.92	79.68	40.74	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	97.66	56.66	79.55	41.00	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/17/2012	LF (69)	97.66	56.71	82.15	40.95	<2	<2	<2	<4	<10	54.1	31.1	<2	<10	<2	<10	<156	<100
	08/09/2012	LF (69)	97.66	57.12	-	40.54	<2	<2	<2	<4	<10	17.6	36.7	<2	<10	<2	<10	-	-
	09/05/2012	-	97.66	57.93	-	39.73	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	97.66	60.42	-	37.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2012	LF (69)	97.66	60.35	-	37.31	<1	<1	<1	<2	<5	23.9	10.7	<1	<5	<1	<5	<150	<100
	01/14/2013	-	97.66	60.72	-	36.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/17/2013	LF (69)	97.66	60.72	-	36.94	<1	<1	<1	<2	<5	12.1	12.4	<1	<5	<1	<5	<150	<100
	04/22/2013	-	97.66	58.38	-	39.28	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/25/2013	LF (69)	97.66	58.53	-	39.13	<1	<1	<1	<2	<5	24.7	10.3	<1	<5	<1	<5	<153	<100
	07/22/2013	-	97.66	60.22	-	37.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2013	LF (69)	97.66	60.56	-	37.10	<1.00	<1.00	<1.00	<2.00	<5.00	5.82	6.61	<1.00	<5.00	<1.00	<5.00	<152	<100
	10/21/2013	-	97.66	59.33	-	38.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/24/2013	LF (69)	97.66	59.35	79.85	38.31	<1.00	<1.00	<1.00	<2.00	<5.00	6.88	7.65	<1.00	<5.00	<1.00	<5.00	<156	<100
	01/09/2014	-	97.66	56.38	-	41.28	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2014	LF (69)	97.66	54.96	-	42.70	<1.00	<1.00	<1.00	<2.00	<5.00	26.5	7.12	<1.00	<5.00	<1.00	<5.00	<152	<100
04/14/2014	-	97.66	50.90	-	46.76	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/16/2014	LF (69)	97.66	51.28	-	46.38	<1.00	<1.00	<1.00	<2.00	<5.00	1.61	4.05	<1.00	<5.00	<1.00	<5.00	<152	<100	
07/28/2014	-	97.66	59.61	-	38.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/31/2014	LF (69)	97.66	60.01	-	37.65	<1.00	<1.00	<1.00	<2.00	<5.00	2.69	2.71	<1.00	<5.00	<1.00	<5.00	<153	<100	
11/17/2014	-	97.66	64.94	-	32.72	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2014	LF (69)	97.66	65.09	-	32.57	<1.00	<1.00	<1.00	<2.00	<5.00	1.49	2.13	<1.00	<5.00	<1.00	<5.00	-	<100	
MW-7 (DUP)	08/09/2012	-	-	-	-	-	<2	<2	<2	<4	<10	25	35	<2	<10	<2	<10	-	-
	07/25/2013	-	-	-	-	-	<2.00	<2.00	<2.00	<4.00	<10.00	11.6	12.5	<2.00	<10.0	<2.00	<10.0	-	-
MW-8 (70) {4} [45-70]	06/12/2008	NR	97.93	53.19	-	44.74	<0.5	12	<0.8	<0.8	12	720	23	<0.8	-	11	78	2,500	1,200
	10/21/2008	NR	97.93	59.80	-	38.13	<0.5	<0.7	<0.8	<0.8	<2.8	270	10	<0.8	-	<0.8	<10	46	260
	01/30/2009	NR	97.93	59.15	-	38.78	<1.00	<1.00	<1.00	<2.00	<5.00	33.6	7.37	<1.00	<5.00	<1.00	<5.00	140	57.7
	04/09/2009	NR	97.93	62.23	-	35.70	<1.00	<1.00	<1.00	<2.00	<5.00	63.4	8.63	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/23/2009	NR	97.93	56.25	-	41.68	<2.00	<2.00	<2.00	<4.00	<10.00	57.4	44.5	<2.00	<10.0	<2.00	<10.0	<300	80.2
	10/01/2009	NR	97.93	57.72	-	40.21	<1.00	<1.00	<1.00	<2.00	<5.00	172	15.9	<1.00	<5.00	<1.00	9.84	43.1	255
	01/15/2010	NR	97.93	50.62	-	47.31	<2.00	<2.00	<2.00	<4.00	<10.00	432	29.8	<2.00	<10.0	<2.00	51.1	<300	<100
	04/14/2010	NR	97.93	51.97	-	45.96	<2.00	<2.00	<2.00	<4.00	<10.00	23	37.1	<2.00	<10.0	<2.00	<10.0	<300	101
	07/20/2010	NR	97.93	61.62	-	36.31	<2.00	<2.00	<2.00	<4.00	<10.00	110	60.2	<2.00	196	78.1	<50.0	422	<100
	11/23/2010	P&S	97.93	61.94	68.50	35.99	<1	<1	<1	<4.00	<5	7.98	4.73	<1	-	<1	<5	<273	<100
	12/08/2010	-	97.93	62.22	-	35.71	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-8 (cont.)	03/09/2011	-	97.93	59.56	69.40	38.37	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/11/2011	LF (66)	97.93	56.62	69.40	41.31	<1.00	<1.00	<1.00	<2.00	<5.00	3.06	<1.00	<1.00	-	<1.00	<5.00	<158	<100
	05/10/2011	-	97.93	49.97	69.40	47.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/11/2011	LF (66)	97.93	50.08	-	47.85	<1	<1	<1	<2	<5	<1	5.63	<1	<5	<1	<5	<150	<100
	07/12/2011	LF (66)	97.93	57.57	69.44	40.36	<1	<1	<1	<2	<5	1.34	4.18	<1	<5	<1	<5	<152	<100
	07/13/2011	-	97.93	57.57	-	40.36	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/14/2011	-	97.93	48.10	-	49.83	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (66)	97.93	51.38	-	46.55	<1	<1	<1	<2	<5	15.4	2.8	<1	<5	<1	<5	-	<100
	10/18/2011	LF (66)	97.93	50.62	70.00	47.31	<1	<1	<1	<2	<5	<1	3.77	<1	<5	<1	<5	<161	<100
	11/16/2011	LF (66)	97.93	53.08	-	44.85	<1	<1	<1	<2	<5	3.48	4.28	<1	<5	<1	<5	<150	<100
	12/08/2011	-	97.93	51.01	-	46.92	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/11/2012	LF (66)	97.93	52.89	70.00	45.04	<1	<1	<1	<2	<5	2.44	4.39	<1	<5	<1	<5	<156	<100
	02/16/2012	-	97.93	56.43	-	41.50	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	97.93	57.57	-	40.36	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	97.93	56.91	-	41.02	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	LF (66)	97.93	57.06	69.40	40.87	<1	<1	<1	<2	<5	1.23	1.6	<1	<5	<1	<5	<156	<100
	04/26/2012	-	97.93	58.51	-	39.42	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	97.93	59.41	-	38.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	97.93	59.11	-	38.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/24/2012	-	97.93	58.86	-	39.07	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	97.93	52.43	-	45.50	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	LF (66)	97.93	54.13	69.40	43.80	<1	<1	<1	<2	<5	4.37	7.74	<1	<5	<1	<5	<158	<100
	06/18/2012	-	97.93	54.67	-	43.26	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	97.93	55.38	-	42.55	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	97.93	53.60	69.42	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/17/2012	LF (66)	97.93	53.81	70.85	44.12	<2	<2	<2	<4	<10	<2	9.5	<2	<10	<2	<10	<150	<100
	08/08/2012	LF (66)	97.93	45.85	-	52.08	<2	<2	<2	<4	<10	<2	6.62	<2	<10	<2	<10	-	-
	09/05/2012	-	97.93	56.09	-	41.84	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	97.93	59.03	-	38.90	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2012	LF (66)	97.93	58.55	-	39.38	<1	<1	<1	<2	<5	1.12	<1	<1	<5	<1	<5	<150	<100
	01/14/2013	-	97.93	59.40	-	38.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2013	LF (66)	97.93	59.35	-	38.58	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
04/22/2013	-	97.93	56.80	-	41.13	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/24/2013	LF (66)	97.93	56.81	-	41.12	<1	<1	<1	<2	<5	<1	1.35	<1	<5	<1	<5	<154	<100	
07/22/2013	-	97.93	58.95	-	38.98	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/24/2013	LF (66)	97.93	59.18	-	38.75	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100	
10/21/2013	-	97.93	55.89	-	42.04	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/23/2013	LF (66)	97.93	56.35	68.5	41.58	<1.00	<1.00	<1.00	<2.00	<5.00	3.09	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100	
01/09/2014	-	97.93	53.98	-	43.95	-	-	-	-	-	-	-	-	-	-	-	-	-	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-8 (cont.)	01/14/2014	LF (66)	97.93	52.80	-	45.13	<1.00	<1.00	<1.00	<2.00	<5.00	1.17	1.32	<1.00	<5.00	<1.00	<5.00	<153	<100
	04/14/2014	-	97.93	49.23	-	48.70	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/15/2014	LF (66)	97.93	49.20	-	48.73	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	1.08	<1.00	<5.00	<1.00	<5.00	<152	<100
	07/28/2014	-	97.93	57.88	-	40.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/31/2014	LF (66)	97.93	58.38	-	39.55	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<154	<100
	11/17/2014	-	97.93	63.58	-	34.35	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/19/2014	LF (66)	97.93	63.67	-	34.26	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
MW-9 (78) {4} [48-78]	04/09/2009	NR	88.48	55.21	-	33.27	<1.00	<1.00	<1.00	<2.00	<5.00	1.13	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/23/2009	NR	88.48	49.52	-	38.96	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	10/01/2009	NR	88.48	51.96	-	36.52	<1.00	<1.00	<1.00	<2.00	<5.00	77.7	1.41	<1.00	<5.00	<1.00	23.7	36.8	102
	01/18/2010	NR	88.48	41.86	-	46.62	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	04/16/2010	NR	88.48	43.30	-	45.18	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/21/2010	NR	88.48	53.64	-	34.84	<1.00	4.36	<1.00	3.51	7.87	2.44	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	12/08/2010	LF (66)	88.48	54.86	77.70	33.62	<1	<1	<1	<2	<5	2.18	3.45	<1	-	<1	<5	<300	<100
	03/09/2011	-	88.48	51.83	77.65	36.65	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/14/2011	LF (66)	88.48	48.14	77.65	40.34	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<158	<100
	05/10/2011	-	88.48	43.48	77.65	45.00	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/12/2011	LF (66)	88.48	43.03	-	45.45	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	07/12/2011	-	88.48	50.84	77.62	37.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/14/2011	LF (66)	88.48	51.02	77.62	37.46	<1	<1	<1	<2	<5	1.52	<1	<1	<5	<1	<5	<155	<100
	10/19/2011	LF (66)	88.48	44.19	78.00	44.29	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<160	<100
	01/11/2012	LF (66)	88.48	44.68	78.00	43.80	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<167	<100
	02/16/2012	-	88.48	47.74	-	40.74	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	88.48	48.95	-	39.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/05/2012	LF (66)	88.48	48.91	77.61	39.57	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	07/16/2012	-	88.48	47.34	80.19	41.14	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/17/2012	LF (66)	88.48	47.10	78.35	41.38	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<152	<100
	08/06/2012	LF (66)	88.48	47.00	-	41.48	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
	09/05/2012	-	88.48	47.90	-	40.58	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	LF (66)	88.48	50.61	-	37.87	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	01/14/2013	-	88.48	50.79	-	37.69	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2013	LF (66)	88.48	50.81	-	37.67	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	04/22/2013	-	88.48	48.73	-	39.75	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/23/2013	LF (66)	88.48	48.85	-	39.63	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	07/22/2013	LF (66)	88.48	50.33	-	38.15	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	10/21/2013	LF (66)	88.48	50.03	-	38.45	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
	01/09/2014	-	88.48	46.78	-	41.70	-	-	-	-	-	-	-	-	-	-	-	-	-
01/13/2014	LF (66)	88.48	45.36	-	43.12	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100	
04/14/2014	LF (66)	88.48	42.34	-	46.14	<1.00	<1.00	<1.00	<2.00	<5.00	3.52	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-9 (cont.)	07/28/2014	-	88.48	49.83	-	38.65	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/30/2014	LF (66)	88.48	50.13	-	38.35	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	11/17/2014	-	88.48	55.54	-	32.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2014	LF (66)	88.48	55.61	81.38	32.87	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
MW-10 (80) {4} [40-80]	04/09/2009	NR	91.64	58.09	-	33.55	<2.00	<2.00	<2.00	<4.00	<10.00	1,750	16.8	<2.00	169	68.6	798	<300	502
	07/23/2009	NR	91.64	52.38	-	39.26	<2.00	<2.00	<2.00	<4.00	<10.00	116	<2.00	<2.00	<10.00	2.88	<10.00	<300	74.2
	10/01/2009	NR	91.64	54.88	-	36.76	<1.00	<1.00	<1.00	<2.00	<5.00	227	1.66	<1.00	<5.00	4.54	93.9	65.9	357
	01/18/2010	NR	91.64	45.00	-	46.64	<2.00	<2.00	<2.00	<4.00	<10.00	26	2.1	<2.00	<10.00	<2.00	<10.00	<300	<100
	04/16/2010	NR	91.64	46.52	-	45.12	<1.00	<1.00	<1.00	<2.00	<5.00	1.8	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/21/2010	NR	91.64	56.64	-	35.00	<1.00	<1.00	<1.00	<2.00	<5.00	88.9	1.67	<1.00	<5.00	2.01	8.72	<300	128
	11/23/2010	LF (68)	91.64	57.42	80.00	34.22	<1	<1	<1	<2	<5	5,640	36.2	<1	-	83.6	4,120	<150	873
	12/08/2010	-	91.64	57.72	-	33.92	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	91.64	55.38	79.95	36.26	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/14/2011	LF (68)	91.64	51.36	79.95	40.28	<2.00	<2.00	<2.00	<4.00	<10.00	478	6.16	<2.00	-	12.2	160	<158	263
	05/10/2011	-	91.64	45.79	79.95	45.85	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/12/2011	LF (68)	91.64	45.90	-	45.74	<1	<1	<1	<2	<5	265	7.86	<1	<5	4.65	32.4	<150	289
	07/12/2011	-	91.64	53.68	79.90	37.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/14/2011	LF (68)	91.64	53.84	79.90	37.80	<1	<1	<1	<2	<5	1,540	13.6	<1	45.6	26.1	467	<156	644
	09/15/2011	-	91.64	47.11	-	44.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (68)	91.64	46.81	-	44.83	<2	<2	<2	<4	<10	1,650	25.7	<2	<10	33.4	228	-	644
	10/19/2011	LF (68)	91.64	47.08	-	44.56	<1	<1	<1	<2	<5	437	11.6	<1	<5	7.26	<5	<150	282
	11/15/2011	LF (68)	91.64	48.09	-	43.55	<2	<2	<2	<4	<10	97	3.28	<2	<10	<2	<10	<150	<100
	12/08/2011	-	91.64	46.27	-	45.37	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/11/2012	LF (68)	91.64	47.76	80.00	43.88	<2	<2	<2	<4	<10	7.18	<2	<2	<10	<2	<10	<157	<100
	02/16/2012	-	91.64	50.80	-	40.84	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	91.64	52.01	-	39.63	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	91.64	51.78	-	39.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	91.64	51.96	-	39.68	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2012	LF (68)	91.64	52.84	80.11	38.80	<1	<1	<1	<2	<5	7.44	3.56	<1	<5	<1	<5	<150	<100
	04/26/2012	-	91.64	53.28	-	38.36	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	91.64	54.06	-	37.58	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	91.64	54.88	-	36.76	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	91.64	52.30	-	39.34	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	-	91.64	50.27	70.58	41.37	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/14/2012	LF (68)	91.64	50.30	-	41.34	<1	<1	<1	<2	<5	58.6	4.45	<1	<5	1.02	<5	<156	<100
	06/18/2012	-	91.64	50.25	-	41.39	-	-	-	-	-	-	-	-	-	-	-	-	-
07/06/2012	-	91.64	51.41	-	40.23	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/16/2012	LF (68)	91.64	50.05	79.95	41.59	<2	<2	<2	<4	<10	153	10	<2	<10	<2	<10	<154	<100	
08/07/2012	LF (68)	91.64	50.02	-	41.62	<1	<1	<1	<2	<5	6.64	3.67	<1	<5	<1	<5	-	-	
09/05/2012	-	91.64	50.93	-	40.71	-	-	-	-	-	-	-	-	-	-	-	-	-	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-10 (cont.)	10/03/2012	LF (68)	91.64	53.64	70.57	38.00	<1	<1	<1	<2	<5	17.7	2.55	<1	<5	<1	<5	<150	<100
	01/14/2013	LF (68)	91.64	53.78	80.00	37.86	<1	<1	<1	<2	<5	11.1	2.14	<1	<5	<1	<5	<154	<100
	04/22/2013	-	91.64	51.55	-	40.09	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/23/2013	LF (68)	91.64	51.61	-	40.03	<1	<1	<1	<2	<5	10.2	<1	<1	<5	<1	<5	<152	<100
	07/22/2013	LF (68)	91.64	53.32	-	38.32	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	10/21/2013	LF (68)	91.64	53.02	-	38.62	<1.00	<1.00	<1.00	<2.00	<5.00	5.45	2.8	<1.00	<5.00	<1.00	<5.00	<154	<100
	01/09/2014	-	91.64	49.60	-	42.04	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2014	LF (68)	91.64	48.55	-	43.09	<1.00	<1.00	<1.00	<2.00	<5.00	1.11	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	04/14/2014	LF (68)	91.64	44.65	-	46.99	<1.00	<1.00	<1.00	<2.00	<5.00	6.44	4.81	<1.00	<5.00	<1.00	<5.00	<152	<100
	07/28/2014	-	91.64	52.78	-	38.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/31/2014	LF (68)	91.64	53.18	-	38.46	<1.00	<1.00	<1.00	<2.00	<5.00	1.63	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	11/17/2014	-	91.64	56.68	-	34.96	-	-	-	-	-	-	-	-	-	-	-	-	-
11/18/2014	LF (68)	91.64	58.56	-	33.08	<1.00	<1.00	<1.00	<2.00	<5.00	2.26	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100	
MW-10 (DUP)	10/03/2012	-	-	-	-	-	<1	<1	<1	<2	<5	14.6	1.92	<1	<5	<1	<5	-	-
MW-11 (77) {4} [47-77]	04/09/2009	NR	94.28	48.75	-	45.53	<1.00	<1.00	<1.00	<2.00	<5.00	1.2	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/23/2009	NR	94.28	47.56	-	46.72	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	10/02/2009	NR	94.28	46.72	-	47.56	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	39.4	48.6
	01/15/2010	NR	94.28	41.56	-	52.72	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	04/14/2010	NR	94.28	42.62	-	51.66	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/21/2010	NR	94.28	50.38	-	43.90	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	12/08/2010	LF (63)	94.28	48.92	77.04	45.36	<1	<1	<1	<2	<5	<1	<1	<1	-	<1	<5	<300	<100
	03/09/2011	-	94.28	41.03	76.83	53.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/11/2011	LF (63)	94.28	36.08	76.83	58.20	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<158	<100
	05/10/2011	-	94.28	38.42	76.83	55.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/11/2011	LF (63)	94.28	39.38	-	54.90	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	07/12/2011	-	94.28	45.74	76.96	48.54	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/13/2011	LF (63)	94.28	45.64	76.96	48.64	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<158	<100
	10/19/2011	LF (63)	94.28	38.92	-	55.36	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	01/11/2012	LF (63)	94.28	42.55	77.00	51.73	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<164	<100
	02/16/2012	-	94.28	46.78	-	47.50	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	94.28	46.45	-	47.83	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2012	LF (63)	94.28	46.53	66.98	47.75	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<154	<100
	07/16/2012	-	94.28	42.95	76.95	51.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/17/2012	LF (63)	94.28	42.45	79.12	51.83	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<162	<100
08/08/2012	LF (63)	94.28	43.60	-	50.68	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	-	-	
09/05/2012	-	94.28	45.76	-	48.52	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/03/2012	-	94.28	46.03	-	48.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/04/2012	LF (63)	94.28	44.70	-	49.58	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<153	<100	
01/14/2013	-	94.28	48.16	-	46.12	-	-	-	-	-	-	-	-	-	-	-	-	-	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-11 (cont.)	01/15/2013	LF (63)	94.28	48.24	-	46.04	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	04/22/2013	-	94.28	45.70	-	48.58	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/23/2013	LF (63)	94.28	45.73	-	48.55	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	07/22/2013	-	94.28	48.21	-	46.07	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2013	LF (63)	94.28	48.29	-	45.99	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	10/21/2013	-	94.28	43.55	-	50.73	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2013	LF (63)	94.28	43.92	-	50.36	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
	01/09/2014	-	94.28	43.75	-	50.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2014	LF (63)	94.28	40.63	-	53.65	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	04/14/2014	LF (63)	94.28	40.25	-	54.03	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	07/28/2014	-	94.28	47.47	-	46.81	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/30/2014	LF (63)	94.28	47.78	-	46.50	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
	11/17/2014	-	94.28	52.75	-	41.53	-	-	-	-	-	-	-	-	-	-	-	-	-
11/18/2014	LF (63)	94.28	52.51	-	41.77	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100	
MW-12 (82) {4} [44-82]	04/09/2009	NR	95.33	44.18	-	51.15	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/23/2009	NR	95.33	45.08	-	50.25	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	10/02/2009	NR	95.33	43.64	-	51.69	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	52.6	42.7
	01/15/2010	NR	95.33	39.06	-	56.27	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.00	<2.00	<10.00	<300	<100
	04/14/2010	NR	95.33	40.71	-	54.62	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/20/2010	NR	95.33	45.20	-	50.13	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	12/08/2010	LF (64)	95.33	44.58	81.20	50.75	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<300	<100
	03/09/2011	-	95.33	33.95	81.15	61.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/11/2011	LF (64)	95.33	32.83	81.15	62.50	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<158	<100
	05/10/2011	-	95.33	35.15	81.15	60.18	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/11/2011	LF (64)	95.33	36.48	-	58.85	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	07/12/2011	-	95.33	41.51	81.17	53.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/13/2011	LF (64)	95.33	41.82	81.17	53.51	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	10/19/2011	LF (64)	95.33	36.53	-	58.80	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	01/11/2012	LF (64)	95.33	39.11	84.00	56.22	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<156	<100
	02/16/2012	-	95.33	44.15	-	51.18	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	95.33	43.04	-	52.29	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2012	LF (64)	95.33	43.03	81.25	52.30	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	07/16/2012	LF (64)	95.33	35.69	81.45	59.64	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<150	<100
	07/17/2012	-	95.33	39.72	-	55.61	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/08/2012	LF (64)	95.33	39.78	-	55.55	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	-	-
	09/05/2012	-	95.33	41.88	-	53.45	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	95.33	41.79	-	53.54	-	-	-	-	-	-	-	-	-	-	-	-	-
10/04/2012	LF (64)	95.33	38.84	-	56.49	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<156	<100	
01/14/2013	-	95.33	44.59	-	50.74	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/15/2013	LF (64)	95.33	44.65	-	50.68	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100	

Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-12 (cont.)	04/22/2013	-	95.33	41.63	-	53.70	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/24/2013	LF (64)	95.33	42.03	-	53.30	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<152	<100
	07/22/2013	-	95.33	44.75	-	50.58	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2013	LF (64)	95.33	44.88	-	50.45	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	10/21/2013	-	95.33	37.07	-	58.26	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/2013	LF (64)	95.33	39.97	-	55.36	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<154	<100
	01/09/2014	-	95.33	38.88	-	56.45	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2014	LF (64)	95.33	35.82	-	59.51	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	04/14/2014	LF (64)	95.33	37.97	-	57.36	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
	07/28/2014	-	95.33	44.44	-	50.89	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/30/2014	LF (64)	95.33	44.70	-	50.63	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<150	<100
	11/17/2014	-	95.33	48.36	-	46.97	-	-	-	-	-	-	-	-	-	-	-	-	-
11/19/2014	LF (64)	95.33	48.40	-	46.93	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100	
MW-13 (84) {4} [49-84]	04/09/2009	NR	98.11	62.20	-	35.91	<2.00	<2.00	<2.00	<4.00	<10.00	37,000	307	<2.00	281	233	6,590	<300	966
	07/23/2009	NR	98.11	57.92	-	40.19	<5.00	<5.00	<5.00	<10.00	<25.00	14,100	268	7.9	1,110	252	22,500	<300	1,280
	10/02/2009	NR	98.11	59.18	-	38.93	<1.00	<1.00	<1.00	<2.00	<5.00	43,400	309	<1.00	1,910	312	32,400	64.3	1,460
	01/15/2010	NR	98.11	50.72	-	47.39	<5.00	<5.00	<5.00	<10.00	<25.00	5,080	169	<5.00	<25.00	76.8	1,530	<300	109
	04/16/2010	NR	98.11	52.71	-	45.40	<2.00	<2.00	<2.00	<4.00	<10.00	3,080	98.6	<2.00	<10.00	37.6	849	<300	526
	07/20/2010	NR	98.11	62.12	-	35.99	<2.00	<2.00	<2.00	<4.00	<10.00	12,800	174	3.16	229	144	2,890	320	1,050
	11/23/2010	LF (73)	98.11	62.35	84.00	35.76	<2	<2	<2	<4	<10	7,730	103	<2	-	37.2	785	<158	921
	11/30/2010	-	98.11	62.76	-	35.35	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	98.11	63.15	-	34.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	98.11	62.41	-	35.70	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	98.11	57.67	83.78	40.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/10/2011	LF (73)	98.11	57.00	83.78	41.11	<2.00	<2.00	<2.00	<4.00	<10.00	3,660	62.0	<2.00	-	22.7	536	<150	580
	05/10/2011	-	98.11	50.50	83.78	47.61	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/11/2011	LF (73)	98.11	50.68	-	47.43	<1	<1	<1	<2	<5	34.8	7.23	<1	<5	<1	<5	<150	<100
	07/12/2011	LF (73)	98.11	58.60	83.75	39.51	<1	<1	<1	<2	<5	1,680	24.3	<1	<5	8.92	79.3	<158	731
	09/15/2011	-	98.11	49.59	-	48.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/20/2011	-	98.11	51.34	-	46.77	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (73)	98.11	52.05	-	46.06	<2	<2	<2	<4	<10	70.2	5.24	<2	<10	<2	<10	<150	114
	10/18/2011	LF (73)	98.11	51.93	84.00	46.18	<1	<1	<1	<2	<5	8.89	<1	<1	<5	<1	<5	<153	<100
	11/16/2011	LF (73)	98.11	54.08	-	44.03	<1	<1	<1	<2	<5	105	5.88	<1	<5	<1	<5	<150	<100
	12/08/2011	-	98.11	51.60	-	46.51	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/12/2012	LF (73)	98.11	53.65	-	44.46	<1	<1	<1	<2	<5	32.6	3.44	<1	<5	<1	<5	<168	<100
	02/16/2012	-	98.11	57.05	-	41.06	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/2012	-	98.11	57.73	-	40.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	98.11	57.65	-	40.46	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	-	98.11	57.96	-	40.15	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	98.11	56.94	-	41.17	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-13 (cont.)	04/03/2012	LF (73)	98.11	58.00	83.61	40.11	2.52	4.72	<2	6	13	107	<2	<2	<10	<2	<10	<150	<100
	04/11/2012	-	98.11	58.23	-	39.88	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/26/2012	-	98.11	58.87	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	98.11	60.16	-	37.95	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	98.11	59.25	-	38.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	98.11	53.14	-	44.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	LF (73)	98.11	55.15	86.62	42.96	<2	<2	<2	<4	<10	116	2.52	<2	<10	<2	<10	<153	<100
	06/18/2012	-	98.11	55.73	-	42.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	98.11	56.50	-	41.61	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	98.11	54.75	83.65	43.36	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/17/2012	LF (73)	98.11	54.91	-	43.20	<2	<2	<2	<4	<10	108	<2	<2	<10	<2	<10	<154	<100
	08/08/2012	LF (73)	98.11	55.76	-	42.35	<2	<2	<2	<4	<10	52	<2	<2	<10	<2	<10	-	-
	09/05/2012	-	98.11	56.74	-	41.37	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	98.11	59.05	-	39.06	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2012	LF (73)	98.11	59.29	86.65	38.82	<2	<2	<2	<4	<10	23.5	4.72	<2	<10	<2	<10	<150	<100
	01/14/2013	-	98.11	59.83	-	38.28	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2013	LF (73)	98.11	59.61	-	38.50	<1	<1	<1	<2	<5	5.69	2.71	<1	<5	<1	<5	<150	<100
	04/22/2013	-	98.11	57.41	-	40.70	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/25/2013	LF (73)	98.11	57.55	-	40.56	<1	<1	<1	<2	<5	9.15	<1	<1	<5	<1	<5	<152	<100
	07/22/2013	-	98.11	59.55	-	38.56	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/24/2013	LF (73)	98.11	59.78	-	38.33	<1.00	<1.00	<1.00	<2.00	<5.00	2.41	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	10/21/2013	-	98.11	57.55	-	40.56	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/2013	LF (73)	98.11	57.68	-	40.43	<1.00	<1.00	<1.00	<2.00	<5.00	21.3	1.03	<1.00	<5.00	<1.00	<5.00	<150	<100
	01/09/2014	-	98.11	55.00	-	43.11	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2014	LF (73)	98.11	53.15	-	44.96	<1.00	<1.00	<1.00	<2.00	<5.00	20.1	<1.00	<1.00	<5.00	<1.00	<5.00	<154	<100
04/14/2014	-	98.11	49.61	-	48.50	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/15/2014	LF (73)	98.11	49.52	-	48.59	<1.00	<1.00	<1.00	<2.00	<5.00	2.53	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100	
07/28/2014	-	98.11	58.71	-	39.40	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/31/2014	LF (73)	98.11	59.15	-	38.96	<1.00	<1.00	<1.00	<2.00	<5.00	1.78	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100	
11/17/2014	-	98.11	63.98	-	34.13	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2014	LF (73)	98.11	64.09	-	34.02	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	1.12	<1.00	<5.00	<1.00	<5.00	-	<100	
MW-13 (DUP)	10/08/2012	-	-	-	-	-	<1	<1	<1	<2	<5	17.7	2.85	<1	<5	<1	<5	-	-
	01/16/2013	-	-	-	-	-	<1	<1	<1	<2	<5	4.24	2.23	<1	<5	<1	<5	-	<100
	04/25/2013	-	-	-	-	-	<1	<1	<1	<2	<5	8.28	<1	<1	<5	<1	<5	<154	<100
MW-14S (100) {4} [40-100]	07/22/2010	-	91.21	56.35	-	34.86	<1.00	<1.00	<1.00	<2.00	<5.00	53.4	1.15	<1.00	<5.00	1.18	<5.00	<300	<100
	11/23/2010	LF (78)	91.21	57.03	100.00	34.18	<1	<1	<1	<2	<5	5,690	40.2	<1	-	89.6	4,300	<167	850
	12/08/2010	-	91.21	57.30	-	33.91	-	-	-	-	-	-	-	-	-	-	-	-	
	03/09/2011	-	91.21	54.90	99.82	36.31	-	-	-	-	-	-	-	-	-	-	-	-	



**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-14S (cont.)	03/14/2011	LF (78)	91.21	50.86	99.82	40.35	<2.00	<2.00	<2.00	<4.00	<10.00	224	3.32	<2.00	-	4.26	<10.0	<158	113
	05/10/2011	-	91.21	45.33	99.82	45.88	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/12/2011	LF (78)	91.21	45.44	-	45.77	<1	<1	<1	<2	<5	1,180	15.1	<1	49	32.5	525	<150	830
	07/12/2011	-	91.21	53.28	99.82	37.93	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/14/2011	LF (78)	91.21	53.42	99.82	37.79	<2	<2	<2	<4	<10	703	15.5	<2	<10	15.8	280 V4	<150	432
	09/14/2011	-	91.21	46.68	-	44.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (78)	91.21	46.38	-	44.83	<2	<2	<2	4	4	2,790	41.6	<2	56.4	63.6	987	<150	858
	10/19/2011	LF (78)	91.21	46.71	-	44.50	<2	<2	<2	<4	<10	2,870	34.4	<2	<10	56.6	826	<150	416
	11/15/2011	LF (78)	91.21	47.62	-	43.59	<2	<2	<2	<4	<10	1,890	29.6	<2	<10	34.9	396	<150	642
	12/08/2011	-	91.21	45.81	-	45.40	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/11/2012	LF (78)	91.21	47.31	100.00	43.90	<1	<1	<1	<2	<5	555	7.83	<1	<5	7.72	24.3	<165	332
	02/16/2012	-	91.21	50.36	-	40.85	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	91.21	51.59	-	39.62	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	91.21	51.37	-	39.84	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	91.21	51.50	-	39.71	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/05/2012	LF (78)	91.21	51.51	-	39.70	<2	<2	<2	<4	<10	132	9.3	<2	<10	<2	<10	<150	<100
	04/26/2012	-	91.21	52.86	-	38.35	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	91.21	53.62	-	37.59	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	91.21	54.47	-	36.74	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	91.21	51.85	-	39.36	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	-	91.21	49.81	101.06	41.40	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/14/2012	LF (78)	91.21	49.45	-	41.76	<2	<2	<2	<4	<10	26.7	6.22	<2	<10	<2	<10	<154	<100
	06/18/2012	-	91.21	49.83	-	41.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	91.21	50.99	-	40.22	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/11/2012	-	91.21	50.48	-	40.73	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	LF (78)	91.21	49.66	103.55	41.55	<2	<2	<2	<4	<10	71.7	6.96	<2	<10	<2	<10	<150	<100
	08/07/2012	LF (78)	91.21	49.60	-	41.61	<2	<2	<2	<4	<10	21.9	<2	<2	<10	<2	<10	-	-
	09/05/2012	-	91.21	50.50	-	40.71	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	LF (78)	91.21	53.18	-	38.03	<1	<1	<1	<2	<5	3.39	1.32	<1	<5	<1	<5	<152	<100
	01/14/2013	LF (78)	91.21	53.38	100.00	37.83	<1	<1	<1	<2	<5	1.94	<1	<1	<5	<1	<5	<150	<100
	04/22/2013	-	91.21	51.12	-	40.09	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/23/2013	LF (78)	91.21	51.18	-	40.03	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<153	<100
	07/22/2013	LF (78)	91.21	52.9	-	38.31	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
10/21/2013	LF (78)	91.21	52.58	-	38.63	<1.00	<1.00	<1.00	<2.00	<5.00	7.03	2.89	<1.00	<5.00	<1.00	<5.00	<152	<100	
01/09/2014	-	91.21	49.17	-	42.04	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/14/2014	LF (78)	91.21	47.65	-	43.56	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100	
04/14/2014	-	91.21	44.25	-	46.96	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/17/2014	LF (78)	91.21	44.68	-	46.53	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	6.28	<1.00	<5.00	<1.00	<5.00	174	<100	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-14S (cont.)	07/28/2014	-	91.21	52.35	-	38.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/30/2014	LF (78)	91.21	52.64	-	38.57	<1.00	<1.00	<1.00	<2.00	<5.00	1.18	<1.00	<1.00	<5.00	<1.00	<5.00	<154	<100
	11/17/2014	-	91.21	58.06	-	33.15	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2014	LF (78)	91.21	58.11	-	33.10	<1.00	<1.00	<1.00	<2.00	<5.00	1.54	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
MW-14D (221) {4} [201-221]	10/01/2009	NR	92.07	55.36	-	36.71	<1.00	<1.00	<1.00	<2.00	<5.00	7,860	39.9	<1.00	300	167	4,740	36.9	1,110
	01/18/2010	NR	92.07	45.54	-	46.53	<2.00	<2.00	<2.00	<4.00	<10.00	1,080	11.5	<2.00	32.7	30.6	416	<300	<100
	04/16/2010	NR	92.07	47.06	-	45.01	<2.00	<2.00	<2.00	<4.00	<10.00	133	<2.00	<2.00	<10.0	<2.00	<10.0	<300	107
	07/22/2010	NR	92.07	57.19	-	34.88	<1.00	<1.00	<1.00	<2.00	<5.00	3,150	22.4	<1.00	136	56.7	1,970	<300	768
	11/23/2010	LF (212)	92.07	63.15	221.00	28.92	<2	<2	<2	<4	<10	3,860	29.2	<2	-	78.4	2,670	<600	750
	11/30/2010	-	92.07	65.25	-	26.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	92.07	63.68	-	28.39	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	92.07	61.60	221.80	30.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/14/2011	LF (212)	92.07	58.06	221.8	34.01	<2.00	<2.00	<2.00	<4.00	<10.00	3,070	24.9	<2.00	-	81.8	2,100	<158	657
	05/10/2011	-	92.07	46.88	221.80	45.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/12/2011	LF (212)	92.07	46.74	-	45.33	<1	<1	<1	<2	<5	2,490	22.6	<1	152	65.5	1,080	<150	1,020
	07/12/2011	-	92.07	57.01	221.80	35.06	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/14/2011	LF (212)	92.07	57.03	221.80	35.04	<2	<2	<2	<4	<10	2,060	32.3	<2	186	93.3	2,910 V4	<150	844
	09/14/2011	-	92.07	56.80	-	35.27	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (212)	92.07	49.22	-	42.85	<2	<2	<2	<4	<10	3,270	31.4	<2	59.2	65.3	906	<150	813
	10/19/2011	LF (212)	92.07	48.85	221.00	43.22	<2	<2	<2	<4	<10	2,930	23.8	<2	<10	53.6	731	<169	461
	11/15/2011	LF (212)	92.07	48.15	-	43.92	<2	<2	<2	<4	<10	2,600	19	<2	19.6	26.5	312	<150	694
	12/08/2011	-	92.07	45.95	-	46.12	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/11/2012	LF (212)	92.07	46.61	221.0	45.46	<2	<2	<2	<4	<10	3,260	19.7	<2	27	40.1	376	<171	508
	02/16/2012	-	92.07	49.74	-	42.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	92.07	51.59	-	40.48	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	92.07	51.70	-	40.37	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	92.07	51.67	-	40.40	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/05/2012	LF (212)	92.07	51.68	-	40.39	<2	<2	<2	<4	<10	1,320	26.9	<2	41.1	46.3	588	<150	161
	04/26/2012	-	92.07	53.35	-	38.72	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	92.07	55.28	-	36.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	92.07	60.39	-	31.68	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	92.07	56.88	-	35.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	-	92.07	50.27	-	41.80	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/14/2012	LF (212)	92.07	52.05	-	40.02	<2	<2	<2	<4	<10	1,410	21	<2	24.7	45.2	519	<158	294
	06/18/2012	LF (212)	92.07	56.18	-	35.89	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	92.07	51.57	-	40.50	-	-	-	-	-	-	-	-	-	-	-	-	-
07/11/2012	-	92.07	51.25	-	40.82	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/16/2012	-	92.07	81.80	234.39	10.27	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/18/2012	LF(212)	92.07	75.65	-	16.42	<2	<2	<2	<4	<10	1,500	13.7	<2	<10	31.4	542	<150	<100	
08/07/2012	LF (212)	92.07	53.40	-	38.67	<2	<2	<2	<4	<10	2,360	18.9	<2	<10	43.5	480	-	-	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
MW-14D (cont.)	09/05/2012	-	92.07	51.19	-	40.88	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	92.07	52.85	-	39.22	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2012	LF (212)	92.07	53.00	-	39.07	<2	<2	<2	<4	<10	1,990	11.4	<2	<10	25.8	182	<150	<100
	01/14/2013	-	92.07	54.78	-	37.29	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/18/2013	LF (212)	92.07	54.73	-	37.34	<2	<2	<2	<4	<10	1,220	12.6	<2	<10	18.2	62.2 VH	<152	<100
	04/22/2013	-	92.07	51.40	-	40.67	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/23/2013	LF (212)	92.07	52.53	-	39.54	<1	<1	<1	<2	<5	861 QK	7.25	<1	<5	11.5	29.4	<153	491
	07/22/2013	-	92.07	54.34	-	37.73	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2013	LF (212)	92.07	54.37	-	37.70	<2.00	<2.00	<2.00	<4.00	<10.00	498	6.90	<2.00	<10.0	5.78	<10.0	<153	436
	10/21/2013	-	92.07	55.85	-	36.22	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/24/2013	LF (212)	92.07	55.05	-	37.02	<1.00	<1.00	<1.00	<2.00	<5.00	360	6.88	<1.00	<5.00	1.37	6.94	<154	511
	01/09/2014	-	92.07	49.80	-	42.27	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2014	LF (212)	92.07	48.88	-	43.19	<2.00	<2.00	<2.00	<4.00	<10.00	169	9.4	<2.00	<10.0	<2.00	<10.0	<152	161
	04/14/2014	-	92.07	47.36	-	44.71	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/17/2014	LF (212)	92.07	47.05	-	45.02	<2.00	<2.00	<2.00	<4.00	<10.00	109	6.62	<2.00	<10.0	<2.00	<10.0	<154	126
	07/28/2014	-	92.07	53.04	-	39.03	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/01/2014	LF (212)	92.07	55.30	-	36.77	<1.00	<1.00	<1.00	<2.00	<5.00	117	4.94	<1.00	<5.00	<1.00	<5.00	<153	<100
	11/17/2014	-	92.07	61.13	-	30.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/19/2014	LF (212)	92.07	61.20	-	30.87	<1.00	<1.00	<1.00	<2.00	<5.00	95.1	3.97	<1.00	<5.00	<1.00	7.95	-	<100
MW-15D (134) {4} [46-134]	10/01/2009	NR	97.67	59.95	-	37.72	<2.00	<2.00	<2.00	<4.00	<10.00	10,600	125	2.04	635	234	9,890	53	1,160
	01/18/2010	NR	97.67	50.81	-	46.86	<2.00	<2.00	<2.00	<4.00	<10.00	6,520	91.9	<2.00	188	100	2,910	<300	102
	04/14/2010	NR	97.67	52.48	-	45.19	<2.00	<2.00	<2.00	2.74	2.74	23,800	204	2.64	1,200	579	14,100	<300	1,450
	07/20/2010	NR	97.67	62.36	-	35.31	3.88	5.96	<2.00	3.98	13.82	7,390	51.6	<2.00	111	43.3	4,140	574	652
	11/23/2010	LF (97)	97.67	63.41	134.00	34.26	<2	<2	<2	<4	<10	2,820	32.5	<2	-	18.6	1,590	<158	669
	11/30/2010	-	97.67	63.67	-	34.00	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	97.67	63.72	-	33.95	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	97.67	63.59	-	34.08	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	97.67	60.68	132.40	36.99	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/11/2011	LF (97)	97.67	59.25	132.40	38.42	<2.00	<2.00	<2.00	<4.00	<10.00	2,900	32.8	<2.00	-	21.6	669	<158	600
	05/10/2011	-	97.67	51.59	132.40	46.08	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/11/2011	LF (97)	97.67	51.77	-	45.90	<2	<2	<2	<4	<10	517	15.7	<2	<10	2.82	<10	<150	302
	07/12/2011	-	97.67	59.70	132.40	37.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/13/2011	LF (97)	97.67	59.83	132.40	37.84	<1	<1	<1	<2	<5	450	9.22	<1	<5	2.43	44.8	<150	374
	09/14/2011	-	97.67	51.62	-	46.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/20/2011	-	97.67	52.05	-	45.62	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (97)	97.67	53.09	-	44.58	<2	<2	<2	<4	<10	119	2.76	<2	<10	<2	30.5	<150	159
	10/18/2011	LF (97)	97.67	53.17	133.50	44.50	<2	<2	<2	<4	<10	192	5.32	<2	<10	4	<10	<158	107
	11/16/2011	LF (97)	97.67	54.66	-	43.01	<2	<2	<2	<4	<10	49.6	4.52	<2	<10	<2	12.1	<150	<100
	12/08/2011	-	97.67	52.65	-	45.02	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/11/2012	LF (97)	97.67	54.30	133.5	43.37	<1	<1	<1	<2	<5	382	5.42	<1	<5	3.91	97.1	<164	207

Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
MW-15D (cont.)	02/16/2012	-	97.67	57.41	-	40.26	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/2012	-	97.67	57.68	-	39.99	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	97.67	58.53	-	39.14	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	-	97.67	58.23	-	39.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/23/2012	-	97.67	58.14	-	39.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	97.67	58.05	-	39.62	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	LF (97)	97.67	58.30	111.12	39.37	<2	<2	<2	<4	<10	4,240	74.6	<2	<10	86.8	357	<153	213
	04/11/2012	-	97.67	58.74	-	38.93	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/26/2012	-	97.67	59.52	-	38.15	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2012	-	97.67	59.88	-	37.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	97.67	60.33	-	37.34	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/15/2012	-	97.67	60.74	-	36.93	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	97.67	60.67	-	37.00	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/24/2012	-	97.67	60.68	-	36.99	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/29/2012	-	97.67	60.28	-	37.39	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	97.67	56.33	-	41.34	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	LF (97)	97.67	56.18	113.31	41.49	<2	<2	<2	<4	<10	18.6	5.26	<2	<10	<2	<10	<152	<100
	06/18/2012	-	97.67	56.26	-	41.41	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/28/2012	-	97.67	57.20	-	40.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	97.67	57.28	-	40.39	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/09/2012	-	97.67	57.58	-	40.09	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/11/2012	-	97.67	55.65	-	42.02	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	97.67	55.86	-	41.81	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/17/2012	LF (97)	97.67	55.93	-	41.74	<2	<2	<2	<4	<10	32.7	14.8	<2	<10	<2	<10	<158	<100
	07/23/2012	-	97.67	55.25	-	42.42	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/2012	LF (97)	97.67	56.56	-	41.11	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	-	-
	09/05/2012	-	97.67	57.25	-	40.42	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	97.67	59.85	-	37.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2012	LF (97)	97.67	59.79	-	37.88	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	01/14/2013	-	97.67	60.21	-	37.46	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/18/2013	LF (97)	97.67	60.14	-	37.53	<2	<2	<2	<4	<10	38.3	3.56	<2	<10	<2	<10	<150	<100
	04/22/2013	-	97.67	57.89	-	39.78	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/25/2013	LF (97)	97.67	58.00	-	39.67	<2	<2	<2	5	5	32.3	<2	<2	<10	<2	<10	<156	<100
	07/22/2013	-	97.67	59.80	-	37.87	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/24/2013	LF (97)	97.67	60.01	-	37.66	<2.00	<2.00	<2.00	<4.00	<10.00	19.3	<2.00	<2.00	<10.0	<2.00	<10.0	<150	<100
	10/21/2013	-	97.67	58.53	-	39.14	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/24/2013	LF (97)	97.67	58.05	-	39.62	<2.00	<2.00	<2.00	<4.00	<10.00	27	<2.00	<2.00	<10.0	<2.00	<10.0	<152	<100
	01/09/2014	-	97.67	55.74	-	41.93	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2014	LF (97)	97.67	54.20	-	43.47	<2.00	<2.00	<2.00	<4.00	<10.00	13.6	<2.00	<2.00	<10.0	<2.00	<10.0 2d	<153	<100

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-15D (cont.)	04/14/2014	-	97.67	50.10	-	47.57	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2014	LF (97)	97.67	50.55	-	47.12	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.0	<1.00	<5.00	<153	<100
	07/28/2014	-	97.67	59.11	-	38.56	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/31/2014	LF (97)	97.67	59.52	-	38.15	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	11/17/2014	-	97.67	64.41	-	33.26	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/20/2014	LF (97)	97.67	64.50	-	33.17	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
MW-16 (121) {4} [36-121]	10/01/2009	NR	89.78	53.13	-	36.65	<1.00	<1.00	<1.00	<2.00	<5.00	160	2.46	<1.00	<5.00	2.3	67.4	55.9	176
	01/18/2010	NR	89.78	43.20	-	46.58	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.0	<2.00	<10.0	<300	<100
	04/15/2010	NR	89.78	44.68	-	45.10	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<300	<100
	07/21/2010	NR	89.78	54.83	-	34.95	<1.00	<1.00	<1.00	<2.00	<5.00	17.8	<1.00	<1.00	<5.00	<1.00	<5.00	384	<100
	11/23/2010	LF (83)	89.78	55.68	121.00	34.10	<1	<1	<1	<2	<5	136	7.95	<1	-	1.81	50.6	<150	150
	12/08/2010	-	89.78	55.96	-	33.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	89.78	53.31	120.63	36.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/14/2011	LF (83)	89.78	49.30	120.63	40.48	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	-	<1.00	<5.00	<158	<100
	05/10/2011	-	89.78	43.97	120.63	45.81	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/12/2011	LF (83)	89.78	44.08	-	45.70	<1	<1	<1	<2	<5	4.96	<1	<1	<5	<1	<5	<150	<100
	07/12/2011	-	89.78	51.93	120.63	37.85	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/14/2011	LF (83)	89.78	52.10	120.63	37.68	<1	<1	<1	<2	<5	6.27	1.06	<1	<5	<1	<5	<150	<100
	09/14/2011	-	89.78	45.30	-	44.48	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (83)	89.78	44.97	-	44.81	<1	<1	<1	<2	<5	1.38	<1	<1	<5	<1	<5	<150	<100
	10/19/2011	LF (83)	89.78	45.28	121.00	44.50	<1	<1	<1	<2	<5	1.24	<1	<1	<5	<1	<5	<163	<100
	11/15/2011	LF (83)	89.78	46.23	-	43.55	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	12/08/2011	-	89.78	44.35	-	45.43	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/12/2012	LF (83)	89.78	45.90	121.0	43.88	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<156	<100
	02/16/2012	-	89.78	48.97	-	40.81	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	89.78	50.25	-	39.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	89.78	49.96	-	39.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	89.78	50.15	-	39.63	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2012	LF (83)	89.78	50.05	125.10	39.73	<1	<1	<1	<2	<5	1.87	<1	<1	<5	<1	<5	<156	<100
	04/26/2012	-	89.78	51.53	-	38.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	89.78	52.28	-	37.50	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	89.78	53.18	-	36.60	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	89.78	50.50	-	39.28	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	-	89.78	48.45	121.43	41.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/14/2012	LF (83)	89.78	48.49	-	41.29	<1	<1	<1	<2	<5	1.94	<1	<1	<5	<1	<5	<153	<100
	06/18/2012	-	89.78	48.43	-	41.35	-	-	-	-	-	-	-	-	-	-	-	-	-
07/06/2012	-	89.78	49.61	-	40.17	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/16/2012	LF (83)	89.78	48.32	127.21	41.46	<2	<2	<2	<4	<10	3.5	<2	<2	<10	<2	<10	<159	<100	
08/06/2012	LF (83)	89.78	48.17	-	41.61	<1.00	<1.00	<1.00	<2.00	<5.00	2.15	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	
09/05/2012	-	89.78	49.12	-	40.66	-	-	-	-	-	-	-	-	-	-	-	-	-	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
MW-16 (cont.)	10/03/2012	LF (83)	89.78	51.81	-	37.97	<1	<1	<1	<2	<5	1.47	<1	<1	<5	<1	<5	<150	<100
	01/14/2013	LF (83)	89.78	51.98	121.00	37.80	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<156	<100
	04/22/2013	-	89.78	49.80	-	39.98	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/23/2013	LF (83)	89.78	49.89	-	39.89	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<152	<100
	07/22/2013	LF (83)	89.78	51.51	-	38.27	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
	10/21/2013	LF (83)	89.78	51.23	-	38.55	<1.00	<1.00	<1.00	<2.00	<5.00	1.79	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	01/09/2014	-	89.78	47.75	-	42.03	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2014	LF (83)	89.78	46.20	-	43.58	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	04/14/2014	LF (83)	89.78	43.03	-	46.75	<1.00	<1.00	<1.00	<2.00	<5.00	9.66	1.06	<1.00	<5.00	<1.00	<5.00	<152	<100
	07/28/2014	-	89.78	50.99	-	38.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/30/2014	LF (83)	89.78	51.28	-	38.50	<1.00	<1.00	<1.00	<2.00	<5.00	1.39	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
	11/17/2014	-	89.78	58.47	-	31.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/19/2014	LF (83)	89.78	56.78	-	33.00	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
MW-16 (DUP)	11/23/2010	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	263	7.83	<1.00	<5.00	1.67	<5.00	-	-
MW-17 (121) {4} [35-121]	10/01/2009	NR	92.84	55.73	-	37.11	7.38	<2.00	<2.00	8.44	15.82	31,000	202	4.24	1,980	591	25,800	<150	1,710
	01/18/2010	NR	92.84	45.92	-	46.92	<5.00	<5.00	<5.00	<10.00	<25.00	11,600	217	<5.00	1,970	354	14,600	<300	164
	04/15/2010	NR	92.84	47.45	-	45.39	<2.00	<2.00	<2.00	<4.00	<10.00	6,460	61	<2.00	278	166	3,890	<300	654
	07/22/2010	NR	92.84	57.54	-	35.30	<2.00	<2.00	<2.00	<4.00	<10.00	11,100	136	2.86	903	291	9,640	<300	1,150
	11/23/2010	LF (68)	92.84	58.54	121.00	34.30	<2	<2	<2	<4	<10	13,500	117	<2	-	251	11,800	<167	1,150
	11/30/2010	-	92.84	58.72	-	34.12	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	92.84	58.78	-	34.06	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	92.84	56.63	120.16	36.21	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/14/2011	LF (68)	92.84	52.58	120.16	40.26	<2.00	<2.00	<2.00	<4.00	<10.00	10,900	84.6	<2.00	-	250	8,690	<158	1,190
	05/10/2011	-	92.84	46.87	120.16	45.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/12/2011	LF (68)	92.84	47.00	-	45.84	<1	<1	<1	<2	<5	8,940	78.3	<1	312	198	4,760	<155	1,500
	07/12/2011	-	92.84	54.75	120.16	38.09	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/14/2011	LF (68)	92.84	54.90	120.16	37.94	<2	<2	<2	<4	<10	7,750	151	<2	542	400	8,500 V4	<150	1,530
	09/14/2011	-	92.84	48.17	-	44.67	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (68)	92.84	47.94	-	44.90	<2	<2	<2	<4	<10	10,500	148	<2	331	444	7,620	<150	1,500
	10/19/2011	LF (68)	92.84	48.22	121.00	44.62	<2	<2	<2	<4	<10	13,300	124	<2	329	287	6,090	<158	760
	11/15/2011	LF (68)	92.84	49.22	-	43.62	<2	<2	<2	<4	<10	9,740	152	2.86	238	299	3,020	<150	1,180
	12/08/2011	-	92.84	47.49	-	45.35	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/11/2012	LF (68)	92.84	48.93	121.00	43.91	<2	<2	<2	<4	<10	10,700	62.2	<2	198	158	3,840	<169	887
	02/16/2012	-	92.84	51.95	-	40.89	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	92.84	53.12	-	39.72	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	92.84	52.91	-	39.93	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	92.84	53.10	-	39.74	-	-	-	-	-	-	-	-	-	-	-	-	-
04/04/2012	LF (68)	92.84	53.05	-	39.79	<2	<2	<2	<4	<10	2,010	87.3	<2	230	172	3,560 QK	<154	233	
04/26/2012	-	92.84	54.37	-	38.47	-	-	-	-	-	-	-	-	-	-	-	-	-	

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
MW-17 (cont.)	05/07/2012	-	92.84	55.14	-	37.70	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	92.84	55.90	-	36.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	92.84	53.33	-	39.51	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	-	92.84	54.40	119.90	38.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/14/2012	LF (68)	92.84	52.40	-	40.44	<2	<2	<2	<4	<10	1,900	74.3	<2	115	153	2,050 QK	<160	380
	06/18/2012	-	92.84	51.37	-	41.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	92.84	52.20	-	40.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/11/2012	-	92.84	51.96	-	40.88	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	92.84	51.13	-	41.71	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/31/2012	LF (68)	92.84	50.81	-	42.03	<2	<2	<2	<4	<10	3,410	45.2	<2	<10	70.3	456	<150	<100
	08/07/2012	LF (68)	92.84	51.18	-	41.66	<1	<1	<1	<2	<5	3,380	30.1	<1	<5	42.1	196	-	-
	09/05/2012	-	92.84	52.05	-	40.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	92.84	54.51	-	38.33	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/04/2012	LF (68)	92.84	54.71	-	38.13	<5	<5	<5	<10	<25	1,620	30.4	<5	<25	35	795	<153	<100
	01/14/2013	LF (68)	92.84	45.95	121.00	46.89	<1	<1	<1	<2	<5	1,350	20	<1	5.64	19.6	299	<150	<100
	04/22/2013	-	92.84	52.63	-	40.21	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/23/2013	LF (68)	92.84	52.65	-	40.19	<1	<1	<1	<2	<5	171 QK	5.33	<1	<5	3.84	49.5	<153	259
	07/22/2013	-	92.84	54.45	-	38.39	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2013	LF (68)	92.84	54.32	-	38.52	<1.00	<1.00	<1.00	<2.00	<5.00	94.5	9.94	<1.00	<5.00	<1.00	<5.00	<152	156
	10/21/2013	-	92.84	54.11	-	38.73	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/24/2013	LF (68)	92.84	53.97	-	38.87	<1.00	<1.00	<1.00	<2.00	<5.00	117	11.9	<1.00	<5.00	2.19	28.4	<152	184
	01/09/2014	-	92.84	50.76	-	42.08	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2014	LF (68)	92.84	49.23	-	43.61	<2.00	<2.00	<2.00	<4.00	<10.00	103	14.9	<2.00	<10.0	<2.00	10.8	<153	117
	04/14/2014	-	92.84	45.60	-	47.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/17/2014	LF (68)	92.84	46.14	-	46.70	<1.00	<1.00	<1.00	<2.00	<5.00	38.8	13.2	<1.00	<5.00	<1.00	<5.00	<152	<100
	07/28/2014	-	92.84	53.90	-	38.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/01/2014	LF (68)	92.84	54.43	-	38.41	<1.00	<1.00	<1.00	<2.00	<5.00	4.36	5.07	<1.00	<5.00	<1.00	<5.00	<152	<100
	11/17/2014	-	92.84	59.57	-	33.27	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/19/2014	LF (68)	92.84	59.65	-	33.19	<1.00	<1.00	<1.00	<2.00	<5.00	4.48	3.75	<1.00	<5.00	<1.00	<5.00	-	<100
MW-17 (DUP)	08/01/2014	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	4.58	5.00	<1.00	<5.00	<1.00	<5.00	<152	<100
MW-18S (70) {2} [45-70]	11/23/2010	GRAB	98.29	69.05	-	29.24	<2	106	<2	<4	106	17,100	160	<2	-	385	16,500	984	1,540
	11/30/2010	-	98.29	64.28	-	34.01	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	98.29	64.34	-	33.95	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	P&S	98.29	64.25	70.26	34.04	<2	129	<2	<4	129	21,200	163	<2	-	545	24,200	621	1,740
	03/09/2011	-	98.29	61.49	70.28	36.80	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/10/2011	LF (68)	98.29	60.81	70.28	37.48	<2.00	28.3	<2.00	<4.00	28.3	3,660	81.1	<2.00	-	156	1,540	<150	755
	05/10/2011	LF (68)	98.29	52.33	70.28	45.96	<2	8.68	<2	<4	9	7,040	87.8	<2	102	189	1,600	184	1,270
	07/12/2011	-	98.29	60.37	70.28	37.92	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/13/2011	LF (68)	98.29	60.48	70.28	37.81	<2	4.68	<2	<4	5	4,740	89.5	<2	76.8	226	1,160	207	1,270

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
MW-18S (cont.)	09/14/2011	-	98.29	52.86	-	45.43	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/20/2011	-	98.29	52.95	-	45.34	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (68)	98.29	53.71	-	44.58	<2	<2	<2	<4	<10	9,660	106	<2	<10	526	471	189	1,760
	10/18/2011	LF (68)	98.29	53.88	70.00	44.41	<2	<2	<2	<4	<10	15,300	198	<2	<10	585	1,130	<168	877
	11/16/2011	LF (68)	98.29	55.34	-	42.95	<2	<2	<2	<4	<10	7,160	93.6	<2	<10	218	477	<150	992
	12/08/2011	-	98.29	53.24	-	45.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/12/2012	LF (68)	98.29	55.10	70.00	43.19	<2	<2	<2	<4	<10	6,220	76.7	<2	<10	162	242	<174	905
	02/16/2012	-	98.29	57.98	-	40.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/2012	-	98.29	58.39	-	39.90	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	98.29	59.08	-	39.21	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	-	98.29	58.88	-	39.41	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/23/2012	-	98.29	58.75	-	39.54	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	98.29	58.66	-	39.63	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	LF (68)	98.29	59.05	70.25	39.24	<2	<2	<2	<4	<10	3,030	80.5	<2	<10	70.2	365	<155	202
	04/11/2012	-	98.29	59.38	-	38.91	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/26/2012	-	98.29	60.18	-	38.11	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2012	-	98.29	60.65	-	37.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	98.29	61.12	-	37.17	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/15/2012	-	98.29	61.52	-	36.77	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	98.29	61.43	-	36.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/24/2012	-	98.29	60.55	-	37.74	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/29/2012	-	98.29	60.99	-	37.30	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	98.29	57.00	-	41.29	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	-	98.29	56.95	70.55	41.34	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/15/2012	LF (68)	98.29	56.43	-	41.86	<2	<2	<2	<4	<10	754 QK	7.12	<2	<10	18.7	<10	<156	270
	06/18/2012	-	98.29	56.97	-	41.32	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/28/2012	-	98.29	57.93	-	40.36	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	98.29	57.84	-	40.45	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/09/2012	-	98.29	58.13	-	40.16	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/11/2012	-	98.29	56.08	70.26	42.21	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	98.29	56.50	70.25	41.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/17/2012	LF (68)	98.29	56.52	70.20	41.77	<2	<2	<2	<4	<10	1,390	10.1	<2	<10	30.2	<10	<158	<100
	07/23/2012	-	98.29	55.99	-	42.30	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/2012	LF (68)	98.29	57.06	-	41.23	<2	<2	<2	<4	<10	731 VH	8.84	<2	<10	17.6	<10	-	-
	09/05/2012	-	98.29	57.87	-	40.42	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	98.29	60.46	-	37.83	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2012	LF (68)	98.29	60.37	-	37.92	<2	<2	<2	<4	<10	118	<2	<2	<10	<2	32.1	<152	<100
	01/14/2013	-	98.29	60.84	-	37.45	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/17/2013	LF (68)	98.29	60.13	70.61	38.16	<2	<2	<2	<4	<10	167	5.8	<2	<10	11.4	39.8	<153	<100



Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
MW-18S (cont.)	04/22/2013	-	98.29	58.47	-	39.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/25/2013	LF (68)	98.29	58.58	-	39.71	<2	3.08	2.28	13.42	19	214	3.06	<2	<10	3.76	<10	<153	188
	07/22/2013	-	98.29	60.39	-	37.90	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2013	LF (68)	98.29	60.71	-	37.58	<2.00	<2.00	<2.00	<4.00	<10.00	31.6	<2.00	<2.00	<10.00	<2.00	<10.00	<152	<100
	10/21/2013	-	98.29	62.79	-	35.50	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/2013	LF (68)	98.29	59.04	-	39.25	<2.00	<2.00	<2.00	<4.00	<10.00	814	15.1	<2.00	<10.00	15.8	<10.00	<150	677
	01/09/2014	-	98.29	56.32	-	41.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2014	LF (68)	98.29	54.48	-	43.81	<2.00	<2.00	<2.00	<4.00	<10.00	198	8.32	<2.00	<10.00	5.94	<10.00	<152	343
	04/14/2014	-	98.29	50.69	-	47.60	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2014	LF (68)	98.29	50.93	-	47.36	<2.00	<2.00	<2.00	<4.00	<10.00	526	13.5	<2.00	<10.00	8.54	<10.00	<152	478
	07/28/2014	-	98.29	59.65	-	38.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/01/2014	LF (68)	98.29	60.16	-	38.13	<1.00	<1.00	<1.00	<2.00	<5.00	12.4	<1.00	<1.00	<5.00	<1.00	<5.00	<153	<100
	11/17/2014	-	98.29	64.72	-	33.57	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/20/2014	LF (68)	98.29	64.82	-	33.47	<1.00	<1.00	<1.00	<2.00	<5.00	16.0	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100
MW-18S (DUP)	01/16/2014	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	1.85	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
MW-18D (130) {2} [120-130]	11/23/2010	LF (125)	98.31	73.75	130.57	24.56	<2	<2	<2	<4	<10	15,300	138	<2	-	354	14,200	389	1,420
	11/30/2010	-	98.31	100.92	-	-2.61	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	98.31	98.12	-	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	LF (125)	98.31	84.72	130.57	13.59	<2	<2	<2	<4	<10	9,480	34.3	<2	-	123	9,600	<300	1,050
	03/09/2011	-	98.31	10.30	130.45	88.01	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/10/2011	LF (125)	98.31	18.15	130.45	80.16	<2.00	<2.00	<2.00	<4.00	<10.00	659	7.94	<2.00	-	29.2	514	<150	419
	05/10/2011	LF (125)	98.31	40.93	130.45	57.38	<2	<2	<2	<4	<10	166	<2	<2	<10	3.78	119	252	130
	07/12/2011	-	98.31	54.70	130.45	43.61	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/13/2011	LF (125)	98.31	54.75	130.45	43.56	<2	<2	<2	<4	<10	49.2	<2	<2	<10	<2	34.7	315	<100
	09/14/2011	-	98.31	57.25	-	41.06	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/20/2011	-	98.31	55.33	-	42.98	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/27/2011	LF (125)	98.31	51.15	-	47.16	<1	<1	<1	<2	<5	50.3	<1	<1	<5	1.39	24.1	327	106
	10/18/2011	LF (125)	98.31	60.00	130.00	38.31	<1	<1	<1	<2	<5	115	<1	<1	<5	2.86	77.7	<357	102
	11/16/2011	LF (125)	98.31	59.90	-	38.41	<2	<2	<2	<4	<10	470	6.6	<2	<10	<2	600	<150	364
	12/08/2011	-	98.31	62.28	-	36.03	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/11/2012	LF (125)	98.31	53.84	130.00	44.47	<2	<2	<2	<4	<10	433	3.46	<2	<10	10	433	<165	326
	02/16/2012	-	98.31	56.55	-	41.76	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/2012	-	98.31	56.07	-	42.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/28/2012	-	98.31	55.26	-	43.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	-	98.31	57.43	-	40.88	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/23/2012	-	98.31	54.88	-	43.43	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/28/2012	-	98.31	54.90	-	43.41	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	LF (127)	98.31	NR	-	-	<1	<1	<1	<2	<5	664 QK	3.84	<1	24.8	10.9	373	261	<100
	04/04/2012	-	98.31	54.94	132.09	43.37	-	-	-	-	-	-	-	-	-	-	-	-	-

## HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC &amp; TPH PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
MW-18D (cont.)	04/11/2012	-	98.31	67.52	-	30.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/26/2012	-	98.31	62.54	-	35.77	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2012	-	98.31	61.57	-	36.74	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	-	98.31	60.50	-	37.81	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/15/2012	-	98.31	59.77	-	38.54	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/21/2012	-	98.31	59.10	-	39.21	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/24/2012	-	98.31	58.28	-	40.03	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/29/2012	-	98.31	57.34	-	40.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/04/2012	-	98.31	55.75	-	42.56	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/13/2012	-	98.31	55.35	132.20	42.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/15/2012	LF (125)	98.31	54.27	-	44.04	<2	<2	<2	<4	<10	386 QK	2.88	<2	<10	8.08	289	<159	141
	06/18/2012	LF (125)	98.31	70.05	-	28.26	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/28/2012	-	98.31	64.30	-	34.01	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/06/2012	-	98.31	61.37	-	36.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/09/2012	-	98.31	60.05	-	38.26	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/11/2012	-	98.31	59.30	-	39.01	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	98.31	90.40	-	7.91	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/18/2012	LF(125)	98.31	87.45	-	10.86	<2	<2	<2	<4	<10	295	<2	<2	<10	6.46	243	<150	<100
	07/23/2012	-	98.31	92.55	-	5.76	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/2012	LF (125)	98.31	71.68	-	26.63	<2	<2	<2	<4	<10	525 VH	<2	<2	<10	9.84	136	-	-
	09/05/2012	-	98.31	63.55	-	34.76	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	98.31	57.30	-	41.01	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2012	LF (125)	98.31	57.11	-	41.20	<1	<1	<1	<2	<5	162 QK	<1	<1	<5	1.82	56.7	<150	<100
	01/14/2013	-	98.31	53.35	-	44.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/17/2013	LF (125)	98.31	52.68	-	45.63	<2	<2	<2	<4	<10	337	3.32	<2	<10	6.26	188	<151	<100
	04/22/2013	-	98.31	54.33	-	43.98	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/25/2013	LF (125)	98.31	54.45	-	43.86	<1	<1	<1	<2	<5	159	1.65	<1	<5	3.14	82.3	<150	225
	07/22/2013	-	98.31	60.31	-	38.00	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2013	LF (125)	98.31	59.90	-	38.41	<2.00	<2.00	<2.00	<4.00	<10.00	144	<2.00	<2.00	<10.00	2.70	70.0	163	225
	10/21/2013	-	98.31	59.00	-	39.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/2013	LF (125)	98.31	62.25	-	36.06	<2.00	<2.00	<2.00	<4.00	<10.00	169	<2.00	<2.00	<10.00	2.78	58.7	<153	170
	01/09/2014	-	98.31	56.18	-	42.13	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2014	LF (125)	98.31	55.25	-	43.06	<2.00	<2.00	<2.00	<4.00	<10.00	3.08	<2.00	<2.00	<10.00	<2.00	<10.00	<152	<100
	04/14/2014	-	98.31	48.88	-	49.43	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2014	LF (125)	98.31	48.85	-	49.46	<2.00	<2.00	<2.00	<4.00	<10.00	3.52	<2.00	<2.00	<10.00	<2.00	<10.00	<150	<100
	07/28/2014	-	98.31	62.40	-	35.91	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/01/2014	LF (125)	98.31	61.51	-	36.80	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<154	<100
	11/17/2014	-	98.31	67.02	-	31.29	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/20/2014	LF (125)	98.31	66.31	-	32.00	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	-	<100

Table 1

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
RINSATE	08/09/2012	-	-	-	-	-	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	-	-
	10/03/2012	-	-	-	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	-	-
	01/16/2013	-	-	-	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	-	<100
SV-1	03/09/2011	-	NR	28.80	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	NR	28.78	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	NR	28.78	28.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2011	-	NR	28.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	NR	28.77	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	NR	28.80	38.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	NR	28.78	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	NR	28.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	NR	DRY	28.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	NR	28.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/22/2013	-	NR	28.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2013	-	NR	28.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2014	-	NR	28.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/14/2014	-	NR	28.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/28/2014	-	NR	28.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2014	-	NR	28.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	03/09/2011	-	NR	33.25	33.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	NR	33.27	33.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	NR	33.28	33.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2011	-	NR	33.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	NR	33.28	33.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	NR	33.30	33.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	NR	33.27	33.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	NR	33.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	NR	33.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	NR	33.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/22/2013	-	NR	33.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2013	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2014	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/14/2014	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/28/2014	-	NR	33.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2014	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
TF-3 (cont.)	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	NR	NR	14.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	NR	DRY	14.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	NR	DRY	14.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/22/2013	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2013	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2014	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/14/2014	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07/28/2014	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TF-4	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	NR	NR	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	NR	DRY	14.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	NR	DRY	13.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
TF-4 (cont.)	01/14/2013	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/22/2013	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2013	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2014	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/14/2014	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/28/2014	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	NR	NR	14.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	NR	DRY	14.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	NR	14.21	14.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	NR	14.23	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	NR	14.13	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	NR	14.25	14.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	NR	14.27	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	NR	14.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/22/2013	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/21/2013	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/09/2014	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/14/2014	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/28/2014	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TF-6	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
TF-6 (cont.)	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	NR	DRY	13.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	NR	DRY	13.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	NR	DRY	13.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	NR	DRY	13.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	NR	DRY	13.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/22/2013	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2013	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2014	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/14/2014	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/28/2014	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TF-7	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	NR	DRY	12.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	NR	DRY	12.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	NR	DRY	12.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	NR	DRY	12.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	NR	DRY	12.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04/22/2013	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/22/2013	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	47	47
TF-7 (cont.)	10/21/2013	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2014	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/14/2014	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/28/2014	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2010	-	NR	11.26	11.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2011	-	NR	11.28	11.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2011	-	NR	11.30	11.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2011	-	NR	11.31	11.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/2012	-	NR	11.33	11.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/03/2012	-	NR	11.35	11.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/2012	-	NR	11.35	11.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/03/2012	-	NR	11.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/14/2013	-	NR	11.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/22/2013	-	NR	11.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/22/2013	-	NR	11.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/21/2013	-	NR	11.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/09/2014	-	NR	11.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/14/2014	-	NR	11.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/28/2014	-	NR	11.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/17/2014	-	NR	11.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VE-1	03/09/2011	-	98.40	DRY	28.70	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/10/2011	-	98.40	DRY	28.70	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/12/2011	-	98.40	DRY	28.65	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/13/2012	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/03/2012	-	98.40	23.07	28.40	75.33	-	-	-	-	-	-	-	-	-	-	-	-	
	07/16/2012	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/03/2012	-	98.40	DRY	28.30	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/22/2013	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/22/2013	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-	

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
<b>GW Clean-up Standards*</b>							<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>47</b>	<b>47</b>
VE-1 (cont.)	10/21/2013	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2014	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/14/2014	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/28/2014	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Please note that compounds of concern are shown and all analytical results can be found in the Laboratory Reports and Chain of Custody Documentation.

\* GW Clean-up Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers, except for TPH-GRO and TPH-DRO, which are Residential Clean-up Standards for Groundwater.

- (##) = Depth to bottom of well in feet
- [##] = Length of the Screened Interval in feet
- {##} = Well Diameter in inches
- LF (##) = Low Flow (depth that the sample was taken at)
- <# = Less than the method detection limit
- µg/L = Micrograms per liter
- 2d = The LCS spike recovery was outside acceptance limits
- BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
- DRY = No water for sampling
- GRAB = Grab sample method
- L10 = This sample was analyzed at a dilution due to the matrix. Reporting limits were adjusted accordingly.
- LF = Low Flow sample method
- MS = The spike recovery was outside acceptance limits for the Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) due to sample matrix interferences. The batch was accepted based on acceptable Continuous Calibration Verification (CCV) recovery.
- MTBE = Methyl Tertiary Butyl Ether
- NA = Not Available or Not Analyzed for that specific compound
- NR = Not recorded
- P&S = Purge & Sample method
- QK = This result was above the calibration range; therefore it is an estimated value.
- TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
- TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
- V4 = Check standard was outside the Quality Control (QC) range. Data accepted based on acceptable Laboratory Control Sampling (LCS).
- VH = LCS value was outside the QC range. Data accepted based on acceptable check standard.
- VOC = Volatile Organic Compounds



Table 2

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- ISCO PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Sulfate (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)
<b>GW Clean-up Standards*</b>			<b>100</b>	<b>100</b>	<b>NA</b>	<b>2,600</b>	<b>2,600</b>	<b>15</b>	<b>15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-1 (61.5) {2} [40-61.5]	08/08/2012	99.19	<1.0	<1.0	<0.020	351	42.2	1.9	<1.0	-	<15	1,480.00	342,000	15,000
	10/04/2012	99.19	<1.0	<1.0	<0.020	179	106	2.5	1.7	-	-	-	-	-
	01/15/2013	99.19	<1.0	<1.0	<0.020	-	-	3.1	2.5	-	-	-	-	-
	04/24/2013	99.19	<1.0	<1.0	<0.03	-	-	1.8	1.1	-	-	-	-	-
	10/22/2013	99.19	<1.0	<1.0	<0.03	-	-	0.79	1.3	-	-	-	-	-
MW-2 (61.5) {2} [40-61.5]	08/08/2012	99.47	14.0	<1.0	0.058	13,600	16.2	35.8	<1.0	-	<15.0	<500	520,000	218,000
	10/04/2012	99.47	21.1	<1.0	0.044	11,800	21.3	27.0	<1.0	-	-	-	-	-
	01/16/2013	99.47	15.0	<1.0	-	-	-	21.0	<1.0	-	-	-	-	-
	01/18/2013	99.47	-	-	0.039	-	-	-	-	-	-	-	-	-
	04/24/2013	99.47	5.3	<1.0	0.031	-	-	15.0	<0.5	-	-	-	-	-
	10/22/2013	99.47	<10.0	3.5	0.064	-	-	21.0	<0.5	-	-	-	-	-
MW-4 (61.5) {2} [40-61.5]	08/08/2012	97.84	3.7	<1.0	0.096	3,290	4.6	2.0	<1.0	-	<15.0	<500	376,000	17,000.0
	10/03/2012	97.84	1.9	<1.0	0.048	2,870	9.5	1.3	<1.0	-	-	-	-	-
	01/16/2013	97.84	<1.0	<1.0	-	-	-	<1.0	<1.0	-	-	-	-	-
	01/18/2013	97.84	-	-	0.052	-	-	-	-	-	-	-	-	-
	04/24/2013	97.84	4.0	<1.0	0.049	-	-	2.0	<0.5	-	-	-	-	-
	10/22/2013	97.84	1.7	<1.0	0.058	-	-	0.82	<0.5	-	-	-	-	-
MW-5 (70) {4} [40-70]	08/08/2012	99.60	<1.0	<1.0	0.044	351	8.8	<1.0	<1.0	-	<15	<500	560,000	14,000
	10/04/2012	99.60	<1.0	<1.0	<0.020	479	13.4	2.3	1.9	-	-	-	-	-
	01/15/2013	99.60	<1.0	<1.0	-	-	-	4.1	3.5	-	-	-	-	-
	01/25/2013	99.60	-	-	<0.020	-	-	-	-	-	-	-	-	-
	04/24/2013	99.60	<1.0	<1.0	<0.03	-	-	1.6	1.4	-	-	-	-	-
	10/22/2013	99.60	<5.0	<1.0	<0.03	-	-	<2.5	2.8	-	-	-	-	-
MW-6 (60) {4} [40-60]	08/08/2012	98.09	55.9	<1.0	0.191	76,800	2.0	99.1	<1.0	-	-	-	-	-
	04/25/2013	98.09	1.2	1.0	0.61	-	-	1.1	0.80	-	-	-	-	-
MW-7 (DUP)	08/09/2012	-	<1.0	<1.0	0.166	104	2.5	<1.0	<1.0	-	<15	<500	282,000	24,000
	10/24/2013	-	8.7	2.8	0.69	-	-	0.72	0.54	-	-	-	-	-
MW-7 (80) {4} [53-80]	11/23/2010	97.66	14.6	-	-	15,000 B3 L12	<20	-	-	<10000	60.4	8,340.00	142,000	312,000
	07/13/2011	97.66	<1	-	-	<20	<20	-	-	-	20.4	1,430.00 S4	314,000	<4000
	09/27/2011	97.66	1.14 B3	-	-	76.6	<20	-	-	-	17.1	815.000	318,000	5,000
	10/18/2011	97.66	<1	-	-	56.7 D1 L12	<20	-	-	-	<15	724.000	244,000	<4000
	11/16/2011	97.66	<1	-	-	24.1	<20	-	-	-	<15	908.000	316,000	<4000

Table 2

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- ISCO PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Sulfate (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)
<b>GW Clean-up Standards*</b>			<b>100</b>	<b>100</b>	<b>NA</b>	<b>2,600</b>	<b>2,600</b>	<b>15</b>	<b>15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-7 (cont.)	04/03/2012	97.66	<1	-	-	206.000	<20	-	-	-	15.2	1,170.00	288,000	<4000
	06/13/2012	97.66	<1	-	-	24.5	<20	-	-	-	<15	<500	344,000	<4000
	07/17/2012	97.66	1.43	-	-	2,930.00	<20	-	-	-	<15	<500	169,000	52,000
	08/09/2012	97.66	<1.0	<1.0	0.148	313	12.3	<1.0	<1.0	-	<15	<500	276,000	31,000
	10/08/2012	97.66	<1.0	<1.0	0.269	29.9	1.2	<1.0	<1.0	-	-	-	310,000	<4000
	01/17/2013	97.66	4.0	<1.0	0.507	-	-	4.6	<1.0	-	-	-	-	-
	10/24/2013	97.66	1.3	<1.0	0.69	-	-	1.0	0.55	-	-	-	-	-
	11/20/2014	97.66	<1.0	1.2	0.65	-	-	<0.5	<0.5	-	-	-	-	-
MW-8 (70) {4} [45-70]	11/23/2010	97.93	125.000	-	-	33,700.0 B3 L12	<20	-	-	<10000	<15	1,160.00	212,000	1,070,000
	04/03/2012	97.93	<1	-	-	107.000	<20	-	-	-	<15	628.000	134,000	<4000
	06/13/2012	97.93	<1	-	-	155.000	45.7 LA	-	-	-	<15	547.000	88,000	<4000
	07/17/2012	97.93	<1	-	-	153.000	<20	-	-	-	<15	<500	74,000 QA	<4000
	08/08/2012	97.93	<1.0	<1.0	<0.020	80.8	7.7	1.7	1.7	-	<15	<500	170,000	<4000
	10/08/2012	97.93	<1.0	<1.0	<0.020	49.5	5.8	1.8	1.7	-	-	-	-	-
	01/15/2013	97.93	<1.0	<1.0	-	-	-	2.1	1.6	-	-	-	-	-
	01/25/2013	97.93	-	-	<0.020	-	-	-	-	-	-	-	-	-
	04/24/2013	97.93	<1.0	<1.0	<0.03	-	-	1.5	1.5	-	-	-	-	-
	10/23/2013	97.93	<1.0	<1.0	0.03	-	-	0.6	<0.5	-	-	-	-	-
MW-9 (78) {4} [48-78]	08/06/2012	88.48	<1.0	<1.0	0.034	33.7	9.1	<1.0	<1.0	-	<15.0	<500	296,000	<4000
	10/03/2012	88.48	<1.0	<1.0	<0.020	26.6	6.7	<1.0	1.0	-	-	-	-	-
	01/16/2013	88.48	<1.0	<1.0	-	-	-	2.0	1.9	-	-	-	-	-
	01/28/2013	88.48	-	-	<0.020	-	-	-	-	-	-	-	-	-
	04/23/2013	88.48	<1.0	<1.0	<0.030	-	-	0.7	0.63	-	-	-	-	-
	10/21/2013	88.48	7.3	4.1	<0.030 H1	-	-	3.4	3.7	-	-	-	-	-
MW-10 (80) {4} [40-80]	11/23/2010	91.64	<1	-	-	55.9 B3 L12	<20	-	-	<10000	<15	2,130.00	261,000	<4000
	04/04/2012	91.64	1.58	-	-	110.00	<20	-	-	-	<15	<500	440,000	9,000
	06/14/2012	91.64	2.83	-	-	2,860.00	393.000 LA	-	-	-	<15	<500	460,000	43,000
	07/16/2012	91.64	1.06	-	-	531.000	<20	-	-	-	<15	<500	502,000	19,000
	08/07/2012	91.64	<1.0	<1.0	<0.020	136	10.2	<1.0	<1.0	-	<15	<500	554,000	<4000
	10/03/2012	91.64	<1.0	<1.0	<0.020	299	5.5	1.4	1.0	-	-	-	-	-
	01/14/2013	91.64	2.8	<1.0	<0.020	-	-	3.6	1.0	-	-	-	-	-
	04/23/2013	91.64	<1.0	<1.0	<0.030	-	-	0.83	0.88	-	-	-	-	-
	10/21/2013	91.64	12	4.3	<0.030	-	-	2.5	2.6	-	-	-	-	-

Table 2

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- ISCO PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Sulfate (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)
<b>GW Clean-up Standards*</b>			<b>100</b>	<b>100</b>	<b>NA</b>	<b>2,600</b>	<b>2,600</b>	<b>15</b>	<b>15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-11 (77) {4} [47-77]	08/08/2012	94.28	<1.0	<1.0	0.044	132	6.9	<1.0	<1.0	-	<15	<500	154,000	<4000
	10/04/2012	94.28	1.9	<1.0	0.026	2,450	59.5	1.4	<1.0	-	-	-	-	-
	01/15/2013	94.28	<1.0	<1.0	0.025	-	-	<1.0	<1.0	-	-	-	-	-
	04/23/2013	94.28	<1.0 M1	<1.0	<0.030	-	-	<0.5	<0.5 M1	-	-	-	-	-
	10/22/2013	94.28	2.0	1.9	<0.030	-	-	3.3	<0.5	-	-	-	-	-
MW-12 (82) {4} [44-82]	08/08/2012	95.33	<1.0	<1.0	0.084	116	119	1.4	1.3	-	<15	<500	322,000	<4000
	10/04/2012	95.33	<1.0	<1.0	0.068	49.1	10.0	1.3	1.2	-	-	-	-	-
	01/15/2013	95.33	<1.0	<1.0	0.057	-	-	1.9	1.4	-	-	-	-	-
	04/24/2013	95.33	<1.0	<1.0	0.066	-	-	0.52	<0.5	-	-	-	-	-
	10/22/2013	95.33	4.8	2.7	0.084	-	-	0.97	0.83	-	-	-	-	-
MW-13 (84) {4} [49-84]	11/23/2010	98.11	<1	-	-	26.6 B3 L12	<20	-	-	<10000	23.4	1,340.00	332,000	<4000
	09/27/2011	98.11	2.49 B3	-	-	196.000	<20	-	-	-	<15	<500	352,000	4,000
	10/18/2011	98.11	2.91 L12	-	-	377.000 L12	<20	-	-	-	<15	<500	314,000	16,000
	11/16/2011	98.11	3.13	-	<20	136.000	<20	-	-	-	<15	<500	232,000	6,000
	01/12/2012	98.11	-	-	<20	-	-	-	-	-	-	-	-	-
	04/03/2012	98.11	2.98	-	<20	310.00	<20	-	-	-	<15	<500	328,000	<4000
	06/13/2012	98.11	2.41	-	<20	57.000	<20	-	-	-	<15	<500	382,000	<4000
	07/17/2012	98.11	<1	-	<20	22.3	<20	-	-	-	<15	<500	229,000	<4000
	08/08/2012	98.11	<1.0	<1.0	0.596	242	9.3	<1.0	<1.0	-	<15	<500	368,000	<4000
	10/08/2012	98.11	<1.0	<1.0	0.297	27.4	41.6	1.2	1.1	-	-	-	394,000	4,000
	01/16/2013	98.11	<1.0	<1.0	0.131	-	-	1.4	1.5	-	-	-	-	-
	04/25/2013	98.11	<1.0	<1.0	0.11	-	-	1.2	1.2	-	-	-	-	-
	10/23/2013	98.11	9.2	2.9	0.06	-	-	1.5	1.5	-	-	-	-	-
	11/20/2014	98.11	<1.0	<1.0	0.17	-	-	<0.5	<0.5	-	-	-	-	-
	MW-14D (221) {4} [201-221]	11/23/2010	92.07	8.68	-	-	279.000 B3 L12	<20	-	-	148,000	29.3	3,210.00	599,000
07/14/2011		92.07	1.39 L12	-	-	171.000	<20	-	-	-	<15	2,650.00	402,000	20,000
09/27/2011		92.07	1.04 B3	-	-	68.6	<20	-	-	-	15.1	2,210.00	412,000	6,000
10/19/2011		92.07	<1	-	-	92.2 L12	<20	-	-	-	<15	1,440.00	364,000	<4000
11/15/2011		92.07	1.48	-	-	67.6	<20	-	-	-	<15	1,360.00 D1	362,000	6,000
04/05/2012		92.07	1.17	-	-	74.8	<20	-	-	-	<15	1,560.00	354,000	11,000
06/14/2012		92.07	<1	-	-	128.000	<20	-	-	-	<15	1,340.00	364,000	<4000
07/18/2012		92.07	<1	-	-	144.000	<20	-	-	-	<15	2,520.00 QA	378,000	12,000
08/07/2012		92.07	<1.0	<1.0	<0.020	78.2	33.4	<1.0	<1.0	-	<15	1,060.00	312,000	5,000
10/08/2012		92.07	<1.0	<1.0	<0.020	13.6	<1.0	<1.0	<1.0	-	-	-	-	-

Table 2

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- ISCO PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Sulfate (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)
<b>GW Clean-up Standards*</b>			<b>100</b>	<b>100</b>	<b>NA</b>	<b>2,600</b>	<b>2,600</b>	<b>15</b>	<b>15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-14D (cont.)	01/18/2013	92.07	<1	<1	<0.020	-	-	<1	<1	-	-	-	-	-
	04/23/2013	92.07	<1.0	<1.0	<0.030	-	-	<0.5	<0.5	-	-	-	-	-
	10/24/2013	92.07	2.3	1.6	<0.030	-	-	<0.5	<0.5	-	-	-	-	-
MW-14S (100) {4} [40-100]	11/23/2010	91.21	2.65	-	-	572.000 B3 L12	<20	-	-	<10000	21.4	1,840.00	378,000	24,000.0
	07/14/2011	91.21	<1	-	-	415.000	<20	-	-	-	<15	<500	614,000	12,000
	09/27/2011	91.21	<1	-	-	94.9	<20	-	-	-	<15	788.000	454,000	7,000
	10/19/2011	91.21	<1	-	-	533.000 L12	52.7 L12	-	-	-	<15	636.000	514,000	15,000
	11/15/2011	91.21	<1	-	-	74.4	<20	-	-	-	<15	<500	492,000	6,000
	04/05/2012	91.21	1.92	-	-	675.000	<20	-	-	-	<15	<500	520,000	62,000
	06/14/2012	91.21	<1	-	-	1,170.00	<20	-	-	-	<15	<500	472,000	50,000
	07/16/2012	91.21	<1	-	-	2,200.0	<20	-	-	-	<15	<500	608,000	106,000
	08/07/2012	91.21	<1.0	<1.0	0.022	225	7.8	1.1	<1.0	-	<15	1,340.00	640,000	<4000
	10/03/2012	91.21	<1.0	<1.0	<0.020	126	3.4	<1.0	<1.0	-	-	-	-	-
	01/14/2013	91.21	<1.0	<1.0	-	-	-	1.8	1.6	-	-	-	-	-
	01/28/2013	91.21	-	-	0.02	-	-	-	-	-	-	-	-	-
	04/23/2013	91.21	<1.0	<1.0	<0.030	-	-	<0.5	<0.5	-	-	-	-	-
	10/21/2013	91.21	1.4	<1.0	<0.030	-	-	0.63	0.5	-	-	-	-	-
MW-15D (134) {4} [46-134]	11/23/2010	97.67	1.57	-	-	865.000 B3 L12	43.8	-	-	<10000	17.1	1,230.00	267,000	38,000.0
	07/13/2011	97.67	<1	-	-	<20	<20	-	-	-	<15	<500	376,000	<4000
	09/27/2011	97.67	<1	-	-	82.4	<20	-	-	-	<15	<500	318,000	8,000
	10/18/2011	97.67	<1	-	-	190.00 L12	<20	-	-	-	<15	547.000	312,000	17,000
	11/16/2011	97.67	1.46	-	-	351.000	<20	-	-	-	<15	<500	234,000	11,000
	04/03/2012	97.67	1.34	-	-	32.000	<20	-	-	-	<15	505.000	314,000	<4000
	06/13/2012	97.67	<1	-	-	250.00	<20	-	-	-	<15	<500	326,000	10,000 QA
	07/17/2012	97.67	<1	-	-	102.000	<20	-	-	-	<15	<500	169,000	<4000
	08/09/2012	97.67	<1.0	<1.0	0.072	292	7.2	<1.0	<1.0	-	<15	<500	410,000	15,000
	10/08/2012	97.67	<1.0	<1.0	0.043	124	92.2	<1.0	<1.0	-	-	-	-	-
	01/18/2013	97.67	<1	<1	0.094	-	-	<1	<1	-	-	-	-	-
	04/25/2013	97.67	<1.0	<1.0	0.11	-	-	<0.5	<0.5	-	-	-	-	-
	10/24/2013	97.67	4.3	2.5	0.084	-	-	<0.5	<0.5	-	-	-	-	-
	11/20/2014	97.67	1.2	<1.0	0.045	-	-	1.2	<0.5	-	-	-	-	-
MW-16 (121) {4} [36-121]	11/23/2010	89.78	1.11	-	-	964.000 B3 L12	<20	-	-	<10000	<15	<500	369,000	64,000.0
	07/14/2011	89.78	<1	-	-	77.8	<20	-	-	-	<15	<500	368,000	<4000

Table 2

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- ISCO PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Sulfate (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)
<b>GW Clean-up Standards*</b>			<b>100</b>	<b>100</b>	<b>NA</b>	<b>2,600</b>	<b>2,600</b>	<b>15</b>	<b>15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-16 (cont.)	09/27/2011	89.78	2.56 B3	-	-	141.000	<20	-	-	-	<15	<500	292,000	9,000
	10/19/2011	89.78	<1	-	-	101.000 L12	<20	-	-	-	<15	<500	358,000	6,000
	11/15/2011	89.78	<1	-	-	40.4	<20	-	-	-	<15	<500	192,000	6,000
	01/12/2012	89.78	-	-	<20	-	-	-	-	-	-	-	-	-
	04/04/2012	89.78	1.7	-	<20	87.3	<20	-	-	-	<15	<500	358,000	14,000
	06/14/2012	89.78	<1	-	<20	74.6	<20	-	-	-	<15	<500	372,000	7,000
	07/16/2012	89.78	<1	-	<20	41.8	<20	-	-	-	<15	<500	452,000	<4000
	08/06/2012	89.78	<1.0	<1.0	0.035	24.0	6.0	<1.0	<1.0	-	<15.0	<500	456,000	4,000.00
	10/03/2012	89.78	<1.0	<1.0	<0.020	21.1	7.8	1.7	1.7	-	-	-	370,000	5,000
	01/14/2013	89.78	<1.0	<1.0	-	-	-	5.0	5.2	-	-	-	-	-
	01/28/2013	89.78	-	-	<0.020	-	-	-	-	-	-	-	-	-
	04/23/2013	89.78	<1.0	<1.0	<0.030	-	-	<0.5	<0.5	-	-	-	-	-
	10/21/2013	89.78	<5.0	<1.0	<0.030	-	-	3.1	1.4	-	-	-	-	-
MW-17 (121) {4} [35-121]	11/23/2010	92.84	1.24	-	-	570.00 B3 L12	<20	-	-	<10000	65.4	5,470.00	371,000	17,000.0
	07/14/2011	92.84	<1	-	-	149.000	<20	-	-	-	38.9	3,740.00	376,000	17,000
	09/27/2011	92.84	2.14 B3	-	-	280.00	<20	-	-	-	40.3	3,180.00	304,000	12,000
	10/19/2011	92.84	<1	-	-	104.000 L12	<20	-	-	-	36.2	2,770.00	354,000	5,000
	11/15/2011	92.84	1.03	-	-	<20	<20	-	-	-	28.4	2,550.00	332,000	<4000
	04/04/2012	92.84	1.36	-	-	82.000	<20	-	-	-	16.6	1,800.0	420,000	8,000
	06/14/2012	92.84	<1	-	-	264.000	<20	-	-	-	<15	1,120.00	458,000	10,000
	07/31/2012	92.84	-	-	-	41.000	<20	-	-	-	<15	806.000	460,000	8,000
	08/07/2012	92.84	<1.0	<1.0	<0.020	20.3	36.1	<1.0	<1.0	-	<15	716.000	400,000	5,000
	10/04/2012	92.84	<1.0	<1.0	<0.020	704	90.4	<1.0	<1.0	-	-	-	396,000	35,000
	01/14/2013	92.84	<1.0	<1.0	<0.020	-	-	<1.0	<1.0	-	-	-	-	-
	04/23/2013	92.84	<1.0	<1.0	<0.030	-	-	<0.5	<0.5	-	-	-	-	-
	10/24/2013	92.84	<1.0	<1.0	<0.030	-	-	<0.5	<0.5	-	-	-	-	-
MW-18D (130) {2} [120-130]	11/23/2010	98.31	23.6	-	-	15,900.0 B3 L12	33.9	-	-	45,900.0	87.7	10,800.0	448,000	1,310,000
	12/08/2010	98.31	8.5	-	-	4,460.00	<20	-	-	53,500.0	38.1	7,690.00	352,000	202,000
	07/13/2011	98.31	6.04	-	-	7,140.00	57.3	-	-	-	22.8	6,400.0	262,000	102,000
	09/27/2011	98.31	4.88 B3 D1	-	-	762.000 D1 MS	73.9 B3	-	-	-	27.9	6,330.00	298,000	14,000
	10/18/2011	98.31	<1	-	-	782.000 L12	26.9 L12	-	-	-	32.5	5,780.00	522,000	36,000
	11/16/2011	98.31	<1	-	-	328.000	20.2	-	-	-	<15	3,440.00	632,000 D1	21,000
	04/03/2012	98.31	2.69	-	<20	1,630.00	<20	-	-	-	17.2	2,580.00	864,000	222,000

Table 2

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- ISCO PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Sulfate (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)
<b>GW Clean-up Standards*</b>			<b>100</b>	<b>100</b>	<b>NA</b>	<b>2,600</b>	<b>2,600</b>	<b>15</b>	<b>15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-18D (cont.)	06/15/2012	98.31	<1	-	<20	1,270.00	<20	-	-	-	<15	2,390.00	610,000	61,000
	07/18/2012	98.31	<1	-	<20	494.000	<20	-	-	-	<15	2,340.00 QA	636,000	41,000
	08/09/2012	98.31	11.6	<1.0	<0.020	10,900	42.1	21.7	<1.0	-	<15	1,940.00	438,000	<4000
	10/08/2012	98.31	2.4	<1.0	<0.020	1,590	169	3.2	<1.0	-	-	-	436,000	22,000
	01/17/2013	98.31	<1.0	<1.0	<0.020	-	-	<1.0	<1.0	-	-	-	-	-
	04/25/2013	98.31	<1.0	<1.0	<0.03	-	-	<0.5	<0.5	-	-	-	-	-
	10/23/2013	98.31	5.3	4.4	<0.03	-	-	0.6	<0.5	-	-	-	-	-
	11/20/2014	98.31	<1.0	<1.0	0.083	-	-	<0.5	<0.5	-	-	-	-	-
MW-18S (70) {2} [45-70]	11/23/2010	98.29	1,590.00	-	-	497,000	340.00	-	-	<10000	215	50,100.0	2,730,000	3,560,000
	12/08/2010	98.29	71.6	-	-	23,700.0	359,000	-	-	<10000	435	36,500.0	6,390,000	496,000
	07/13/2011	98.29	7.25	-	-	680.00	<20	-	-	-	19.4	3,590.00	1,670,000	47,000
	09/27/2011	98.29	19.1 B3	-	-	315.000	<20	-	-	-	49.1	3,850.00	1,850,000	29,000
	10/18/2011	98.29	21.3 L12	-	-	635.000 L12	<20	-	-	-	41.2	3,220.00	1,450,000	50,000
	11/16/2011	98.29	34.5	-	30.00 S3	240.00	<20	-	-	-	<15	2,540.00	1,120,000	15,000
	01/12/2012	98.29	-	-	40.00	-	-	-	-	-	-	-	-	-
	04/03/2012	98.29	60.6	-	30.00	459.000	<20	-	-	-	<15	1,340.00	736,000	41,000 QA
	06/15/2012	98.29	9.97	-	<20	222.000	<20	-	-	-	<15	1,370.00	1,750,000	24,000
	07/17/2012	98.29	17.6	-	40.00	810.00	<20	-	-	-	<15	955.000	533,000	57,000
	08/09/2012	98.29	77.0	58.4	81.2	360	20.6	3.4	2.1	-	<15	900.0	1,050,000	59,000
	10/08/2012	98.29	11.8	9.6	11.9	300	25.0	12.0	15.1	-	-	-	1,650,000	24,000
	01/17/2013	98.29	10.2	12.2	12.7	-	-	21.8	18.0	-	-	-	-	-
	04/25/2013	98.29	16	11.0 Q3	23	-	-	5.4	7.0 Q3	-	-	-	-	-
	10/23/2013	98.29	52	37	45 H2	-	-	9.7	9.1	-	-	-	-	-
	12/18/2013	98.29	10	10	9.7	-	-	4	11.0	-	-	-	-	-
	11/20/2014	98.29	9.6	9.1	9.5	-	-	1.9	1.4	-	-	-	-	-

\* GW Clean-up Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers.

(##) = Depth to bottom of well (ft)

[##] = Length of the Screened Interval (ft)

{##} = Well Diameter (in)

<# = Less than the method detection limit of #

µg/L = Micrograms/Liter

B3 = The prep blank associated with this sample had a result greater than the Method Reporting Limit (MRL). Data may be biased high.

D1 = The Relevant Percent Difference (RPD) result exceeded the Quality Control (QC) control limits for the duplicate sample analyzed.

H1 = Sample analysis performed past holding time. Data not acceptable for regulatory compliance.

H2 = Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

ISCO =In-Situ Chemical Oxidation

Table 2

**HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- ISCO PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Sulfate (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)
<b>GW Clean-up Standards*</b>			<b>100</b>	<b>100</b>	<b>NA</b>	<b>2,600</b>	<b>2,600</b>	<b>15</b>	<b>15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

L12 = The prep method Laboratory Control Sampling (LCS) spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC.

LA = Sample for dissolved metal analysis was filtered at the laboratory.

M1 = Matrix spike recovery was high; the associated blank spike recovery was acceptable.

mg/L = Milligrams/Liter

MS = The spike recovery was outside acceptance limits for the Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) due to sample matrix interferences. The batch was accepted based on acceptable Continuous Calibration Verification (CCV) recovery.

NA = Not Available or Not Analyzed for that specific compound

Q3 = Sample received with improper chemical preservation.

QA = The RPD result exceeded the QC control limits for the duplicate sample analyzed.

S3 = Sample was preserved at the laboratory.

S4 = Sample analysis was performed from non-preserved bottle.

TDS = Total Dissolved Solids

TSS = Total Suspended Solids

TOC = Total Organic Carbons

Table 3

**MONITORING WELL ANALYTICAL DATA SUMMARY - MONITORED NATURAL ATTENUATION PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Nitrate (mg/L)	Ferrous Iron (mg/L)	Sulfate (mg/L)
MW-1 (61.5) {2} [40-61.5]	11/17/2014	99.19	3.936	-	-
MW-4 (61.5) {2} [40-61.5]	11/17/2014	97.84	3.970	-	-
MW-5 (70) {4} [40-70]	11/17/2014	99.60	2.406	-	-
MW-7 (80) {4} [53-80]	11/20/2014	97.66	2.648	-	-
MW-8 (70) {4} [45-70]	11/19/2014	97.93	2.226	-	-
MW-9 (78) {4} [48-78]	11/18/2014	88.48	3.370	-	-
MW-10 (80) {4} [40-80]	11/18/2014	91.64	2.830	-	-
MW-11 (77) {4} [47-77]	11/18/2014	94.28	2.818	-	-
MW-12 (82) {4} [44-82]	11/19/2014	95.33	2.212	-	-
MW-13 (84) {4} [49-84]	11/20/2014	98.11	2.676	-	-
MW-14D (221) {4} [201-221]	11/19/2014	92.07	<1.000	-	-



Table 3

**MONITORING WELL ANALYTICAL DATA SUMMARY - MONITORED NATURAL ATTENUATION PARAMETERS**

Carroll - Monrovia - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Top of Casing (ft)	Nitrate (mg/L)	Ferrous Iron (mg/L)	Sulfate (mg/L)
MW-14S (100) {4} [40-100]	11/18/2014	91.21	2.430	<0.500	3.68
MW-15D (134) {4} [46-134]	11/20/2014	97.67	2.280	-	-
MW-16 (121) {4} [36-121]	11/19/2014	89.78	3.184	-	-
MW-17 (121) {4} [35-121]	11/19/2014	92.84	2.648	-	-
MW-18D (130) {2} [120-130]	11/20/2014	98.31	<1.000	-	-
MW-18S (70) {2} [45-70]	11/20/2014	98.29	2.974	-	-

\* GW Clean-up Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up

(##) = Depth to bottom of well (ft)

[##] = Length of the Screened Interval (ft)

{##} = Well Diameter (in)

<# = Less than the method detection limit of #

mg/L = Milligrams/Liter

NA = Not Available or Not Analyzed for that specific compound

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-1 (61.5) {2} [40-61.5]	3/9/2011	15.08	193	4.37	4.62	267.1	-	-	-	-	-
	5/10/2011	19.01	447	5.92	4.54	253.2	-	-	-	-	-
	1/12/2012	15.54	443	8.59	4.81	385.4	-	-	-	-	-
	2/16/2012	13.42	508	7.01	4.79	315.8	-	-	23.1	0.0	0.00
	4/3/2012	15.70	528	7.41	5.35	187.7	-	-	-	-	-
	7/16/2012	17.55	514	8.19	5.15	287.9	-	-	-	-	-
	8/8/2012	12.61	598	10.11	9.45	-108.5	-	-	-	-	-
	9/5/2012	15.54	503	6.22	5.55	233.7	-	-	-	-	-
	10/4/2012	16.57	545	6.30	5.07	227.0	-	-	-	-	-
	1/15/2013	15.74	486	7.78	5.07	322.9	-	-	-	-	-
	4/24/2013	16.50	572	11.49	4.98	261.0	-	-	-	-	-
	7/24/2013	16.15	691	8.31	4.85	299.2	-	-	-	-	-
	10/22/2013	15.84	621	9.59	5.08	248.0	-	-	-	-	-
	1/13/2014	15.65	742	8.97	5.15	315.1	-	-	-	-	-
	4/15/2014	16.31	833	9.07	5.01	151.2	-	-	-	-	-
7/31/2014	17.18	805	9.03	5.30	158.2	-	-	-	-	-	
11/17/2014	14.03	833	1.88	5.38	295.5	-	-	-	-	-	
MW-2 (61.5) {2} [40-61.5]	3/9/2011	15.50	1,104	5.81	5.0	230.5	-	-	-	-	-
	1/11/2012	15.67	795	6.80	4.96	259.4	-	-	-	-	-
	2/16/2012	13.47	824	6.80	4.74	321.4	-	-	16.3	0.0	0.00
	4/3/2012	15.78	862	7.07	4.83	283.8	-	-	-	-	-
	7/16/2012	16.60	903	7.25	5.12	260.1	-	-	-	-	-
	8/8/2012	16.15	831	7.02	5.23	244.3	-	-	-	-	-
	9/5/2012	15.59	901	6.56	5.24	228.1	-	-	-	-	-
	4/24/2013	16.77	674	10.30	4.91	261.0	-	-	-	-	-
	7/23/2013	16.28	929	6.65	4.8	289.8	-	-	-	-	-
	10/22/2013	15.89	1,120	8.81	4.46	247.6	-	-	-	-	-
	1/15/2014	15.64	1,452	5.37	4.96	290.2	-	-	-	-	-
4/15/2014	15.82	1,065	8.48	4.92	239.9	-	-	-	-	-	
MW-4 (61.5) {2} [40-61.5]	3/9/2011	14.92	545	6.58	4.4	237.9	-	-	-	-	-
	1/11/2012	14.91	475	7.47	4.82	260.8	-	-	-	-	-
	2/16/2012	13.05	642	7.17	4.82	314.4	-	-	17.0	0.0	0.00
	4/3/2012	15.46	672	5.20	5.03	282.3	-	-	-	-	-
	7/16/2012	16.77	660	4.86	6.70	258.4	-	-	-	-	-
	8/8/2012	16.22	640	7.81	5.37	224.9	-	-	-	-	-
	9/5/2012	15.69	628	7.18	5.26	208.5	-	-	-	-	-
	4/24/2013	17.31	590	10.86	4.98	241.6	-	-	-	-	-
	7/23/2013	16.22	822	6.83	5.1	279.2	-	-	-	-	-
	10/22/2013	15.29	805	8.98	4.94	253.2	-	-	-	-	-
	1/15/2014	15.49	873	5.22	4.92	247.9	-	-	-	-	-
4/15/2014	15.54	721	8.81	4.75	208.7	-	-	-	-	-	
MW-5 (70) {4} [40-70]	3/9/2011	16.84	1,320	6.91	4.43	271.0	-	-	-	-	-
	5/10/2011	19.89	1,296	7.89	4.25	298.6	-	-	-	-	-
	1/12/2012	15.90	687	6.59	4.86	300.6	-	-	-	-	-
	2/16/2012	13.72	668	5.62	4.73	313.4	-	-	17.4	0.0	0.00
	4/3/2012	13.50	1,016	4.80	4.94	255.6	-	-	-	-	-
	7/16/2012	16.33	782	7.27	4.92	187.5	-	-	-	-	-
	8/8/2012	13.50	1,117	8.83	10.01	-117.2	-	-	-	-	-
	9/5/2012	15.57	875	7.05	5.18	232.1	-	-	-	-	-
	10/4/2012	15.85	1,123	6.04	4.86	198.9	-	-	-	-	-
1/15/2013	15.40	748	6.82	5.06	303.2	-	-	-	-	-	

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-5 (cont.)	4/24/2013	16.23	0.680	9.40	4.89	260.8	-	-	-	-	-
	7/24/2013	15.15	1,072	6.95	4.71	289.8	-	-	-	-	-
	10/22/2013	15.64	1,074	8.93	4.99	247.6	-	-	-	-	-
	1/13/2014	16.12	1,232	8.49	4.97	342.0	-	-	-	-	-
	4/15/2014	16.67	1,198	8.30	4.92	123.0	-	-	-	-	-
	7/30/2014	17.15	988	8.78	5.10	170.6	-	-	-	-	-
	11/17/2014	14.25	1,162	4.51	5.14	235.1	-	-	-	-	-
MW-6 (60) {4} [40-60]	1/11/2012	14.04	140	7.12	5.06	243.2	-	-	-	-	-
	2/16/2012	12.22	159	6.95	5.61	294.8	-	-	16.0	0.0	0.00
	4/3/2012	14.95	163	7.28	4.94	271.5	-	-	-	-	-
	7/16/2012	15.40	152	5.55	5.45	208.3	-	-	-	-	-
	8/8/2012	16.05	158	7.26	5.92	187.7	-	-	-	-	-
	9/5/2012	14.90	145	6.20	5.34	232.1	-	-	-	-	-
	10/3/2012	15.50	100	6.60	4.81	-77.6	-	-	-	-	-
	1/18/2013	14.39	119	7.40	6.62	204.2	-	-	-	-	-
	4/25/2013	15.80	198	5.38	5.06	133.8	-	-	-	-	-
	4/16/2014	14.75	297	5.05	4.94	210.4	-	-	-	-	-
MW-7 (80) {4} [53-80]	11/30/2010	15.3	-	0.7	5.6	-50.0	-	-	-	7.6	-
	12/1/2010	14.73	11	3.37	6.25	220.1	-	-	-	2.8	-
	3/10/2011	14.71	440	1.96	5.04	283.7	-	-	-	-	-
	5/11/2011	17.78	430	2.47	4.89	238.1	-	-	-	-	-
	7/13/2011	22.39	570	1.28	4.92	315.8	-	-	-	-	-
	9/14/2011	-	361	2.14	5.56	38.8	0	0.0	14.6	0.0	2.50
	9/20/2011	-	-	-	-	-	0	0.0	-	0.0	0.00
	9/21/2011	-	-	-	-	-	0	0.0	-	0.0	-
	9/23/2011	15.93	366	1.71	5.29	208.8	0	0.0	16.1	0.0	0.00
	9/27/2011	15.95	400	15.5	5.26	105.9	0	0.0	-	0.0	-
	10/14/2011	17.41	491	1.45	5.26	142.8	0	0.0	-	0.0	0.00
	10/27/2011	17.74	392	3.47	5.31	287.6	0	0.0	-	0.0	1.70
	11/8/2011	17.02	405	3.43	5.34	293.0	0	0.0	20.9	0.0	0.00
	11/16/2011	15.57	409	5.90	5.36	302.9	0	0.0	20.4	20.0	0.52
	12/8/2011	17.00	457	4.74	7.85	154.0	-	-	-	-	-
	1/11/2012	15.31	462	2.04	5.51	322.8	-	-	-	-	-
	2/16/2012	13.09	505	1.06	5.31	177.3	-	-	20.9	0.0	0.00
	2/21/2012	12.98	502	0.73	5.35	201.5	-	0	20.9	0	0.00
	2/28/2012	12.87	499	3.31	5.20	-	-	0.00	20.9	0.0	0.00
	3/5/2012	12.70	472	2.84	5.09	282.4	-	0.0	20.9	0.0	0.00
	3/28/2012	13.56	480	1.17	-	223.7	-	0.0	21.6	0.0	0.00
	4/3/2012	14.81	4	11.86	4.28	370.6	-	0.00	21.5	0.0	0.00
	4/26/2012	12.96	491	1.19	5.19	346.8	-	0	21.9	0.4	0.00
	5/7/2012	15.54	480	1.21	5.31	241.4	-	0.00	22.0	0.0	0.00
	5/21/2012	15.26	471	0.72	5.64	245.4	-	0.0	21.3	0.0	0.00
	5/24/2012	15.71	582	3.56	-	-	-	-	-	-	-
	6/4/2012	15.57	458	4.45	5.58	246.2	-	0.0	21.4	0.0	0.00
6/13/2012	15.5	426	3.87	5.64	325.4	-	-	-	-	-	
6/18/2012	15.46	440	4.27	5.60	227.4	-	0	22.3	0	0	
7/6/2012	15.63	452	3.96	5.72	177.6	-	-	23.8	0.9	-	
7/17/2012	15.50	414	0.01	5.68	123.5	-	-	-	-	-	
7/18/2012	-	-	-	-	-	-	0	21.3	0.4	0	
8/9/2012	12.01	573	5.40	13.19	-122.7	-	-	-	-	-	
9/5/2012	14.89	457	4.66	5.94	189.1	-	-	-	-	-	
10/8/2012	15.16	606	3.36	5.42	251.6	-	-	-	-	-	

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-7 (cont.)	1/17/2013	14.63	562	4.92	5.57	270.1	-	-	-	-	-
	4/25/2013	15.17	577	5.71	5.33	241.5	-	-	-	-	-
	7/25/2013	-	704	5.06	5.35	219.6	-	-	-	-	-
	10/24/2013	15.01	618	6.71	5.58	258.4	-	-	-	-	-
	1/14/2014	15.29	825	4.89	5.45	310.7	-	-	-	-	-
	4/16/2014	15.30	681	5.28	5.43	145.6	-	-	-	-	-
	7/31/2014	17.47	848	6.33	5.28	174.3	-	-	-	-	-
	11/20/2014	13.86	789	5.35	5.48	242.9	-	-	-	-	-
MW-8 (70) {4} [45-70]	3/11/2011	15.52	317	12.49	4.73	270.4	-	-	-	-	-
	5/11/2011	18.12	177	7.98	4.77	264.0	-	-	-	-	-
	7/13/2011	21.60	276	5.37	3.31	438.7	-	-	-	-	-
	9/14/2011	-	116	5.94	4.92	439.6	0	0.0	18.5	0.0	0.02
	9/23/2011	16.37	105	8.37	6.35	145.8	0	0.0	20	0.0	0.00
	9/27/2011	16.12	415	6.30	6.45	203.1	0	0.0	-	0.0	0.01
	10/14/2011	17.88	90	11.92	5.08	155.6	0	0.0	24.3	0.0	0.10
	10/27/2011	17.94	57	12.32	5.38	294.6	0	0.0	25.0	0.0	0.02
	11/8/2011	17.62	84	10.40	5.32	343.0	0	0.0	20.9	0.0	0.00
	11/16/2011	15.90	97	13.57	5.29	313.4	0	0.0	27.1	0.0	0.00
	12/8/2011	17.50	121	6.89	5.30	223.4	-	-	-	-	-
	1/11/2012	6.30	114	9.94	6.44	224.9	-	-	-	-	-
	2/16/2012	13.32	168	9.08	4.88	272.9	-	-	26.5	0.0	0.00
	2/28/2012	14.10	187	10.20	5.21	-	-	0.00	27.0	0.0	0.02
	3/28/2012	1420.00	191	12.13	-	250.8	-	0.0	27.2	0.0	0.06
	4/3/2012	15.77	331	4.29	5.21	249.7	-	0.00	23.3	0.0	0.04
	4/26/2012	13.54	214	6.85	5.00	360.0	-	0	26.5	1.0	0.00
	5/7/2012	15.92	243	7.47	5.33	204.0	-	0.00	25.3	0.0	0.06
	5/21/2012	15.92	373	1.70	5.70	192.8	-	0.0	26.5	0.0	0.04
	5/24/2012	15.98	454	2.25	-	-	-	-	-	-	-
	6/4/2012	16.32	206	11.44	5.49	196.2	-	0.0	30.0+	0.0	0.04
	6/13/2012	15.92	126	21.12	5.70	198.5	-	-	-	-	-
	6/18/2012	16.17	152	21.58	5.68	225.8	-	0	25.6	0	0.04
	7/6/2012	16.14	174	19.83	5.65	145.0	-	-	25.9	7.0	-
	7/17/2012	16.06	451	0.02	5.91	35.2	-	-	-	-	-
	7/18/2012	-	-	-	-	-	-	0	21.3	0.9	0
	8/8/2012	18.72	293	10.21	4.70	339.1	-	-	-	-	-
	9/5/2012	15.42	305	7.04	5.63	199.2	-	-	-	-	-
	10/8/2012	15.56	294	10.80	5.25	194.4	-	-	-	-	-
	1/15/2013	15.86	174	13.15	5.08	320.5	-	-	-	-	-
	4/24/2013	16.28	232	16.38	4.97	241.0	-	-	-	-	-
	7/24/2013	15.29	320	12.64	4.76	261.3	-	-	-	-	-
10/23/2013	15.62	489	5.48	5.88	243.7	-	-	-	-	-	
1/14/2014	15.77	202	9.52	5.09	333.3	-	-	-	-	-	
4/15/2014	16.52	221	13.27	5.01	171.0	-	-	-	-	-	
7/31/2014	17.37	296	10.07	5.64	152.5	-	-	-	-	-	
11/19/2014	14.72	643	1.65	5.42	250.2	-	-	-	-	-	
MW-9 (78) {4} [48-78]	12/8/2010	14.88	532	2.45	4.65	275.0	-	-	-	-	-
	3/14/2011	14.11	131	6.91	4.67	313.9	-	-	-	-	-
	5/12/2011	16.94	279	7.62	4.43	298.2	-	-	-	-	-
	1/11/2012	13.89	91	7.25	8.45	121.5	-	-	-	-	-
	2/16/2012	12.27	263	6.42	4.80	267.0	-	-	17.4	0.0	0.00
	4/5/2012	12.17	349	9.00	4.96	255.7	-	-	-	-	-
	7/17/2012	14.44	447	0.14	4.95	235.0	-	-	-	-	-
	8/6/2012	16.82	570	5.54	4.52	333.6	-	-	-	-	-
9/5/2012	13.99	436	6.42	5.22	251.5	-	-	-	-	-	

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-9 (cont.)	10/3/2012	19.24	41	7.62	6.07	178.8	-	-	-	-	-
	1/16/2013	14.15	464	6.22	5.09	269.9	-	-	-	-	-
	4/23/2013	14.37	411	7.27	5.03	128.1	-	-	-	-	-
	7/22/2013	13.81	615	6.70	4.72	237.8	-	-	-	-	-
	10/21/2013	14.67	592	6.65	5.56	156.1	-	-	-	-	-
	1/13/2014	14.36	139	9.02	5.34	302.8	-	-	-	-	-
	4/14/2014	15.03	630	7.43	4.96	142.0	-	-	-	-	-
	7/30/2014	15.73	685	7.42	4.97	184.4	-	-	-	-	-
11/18/2014	13.18	589	5.77	5.25	229.0	-	-	-	-	-	
MW-10 (80) {4} [40-80]	11/23/2010	16.13	578	9.13	5.21	349.3	-	-	-	-	-
	3/14/2011	13.97	355	5.88	4.68	252.1	-	-	-	-	-
	5/12/2011	20.01	618	3.54	4.63	262.0	-	-	-	-	-
	7/14/2011	18.12	636	0.86	4.43	327.9	-	-	-	-	-
	9/15/2011	-	430	1.70	4.63	490.7	0	0.0	17.7	0.0	0.00
	9/27/2011	14.87	414	3.37	4.70	327.2	-	-	-	-	-
	10/14/2011	16.17	364	6.34	4.79	322.8	0	0.0	20.3	0.0	0.00
	10/27/2011	16.46	303	6.77	5.00	284.7	0	0.0	20.1	0.0	0.06
	11/8/2011	16.22	297	10.12	5.11	365.4	0	0.0	20.9	0.0	0.00
	11/15/2011	14.14	106	11.63	5.03	309.1	0	0.0	21.3	53.0	0.50
	12/8/2011	16.02	381	6.77	5.78	223.0	-	-	-	-	-
	1/11/2012	14.56	63	6.43	5.09	290.5	-	-	-	-	-
	2/16/2012	12.50	312	5.73	4.76	231.4	-	-	18.5	0.0	0.00
	2/28/2012	12.52	551	5.08	5.03	-	-	0.00	19.4	0.0	0.00
	3/28/2012	12.56	90	6.22	-	307.3	-	0.0	18.5	0.0	0.00
	4/3/2012	-	-	-	-	-	-	0.00	18.5	0.0	0.00
	4/4/2012	14.62	698	3.51	5.05	272.9	-	-	-	-	-
	4/26/2012	12.49	95	4.68	4.97	332.4	-	0	18.8	0.0	0.00
	5/7/2012	14.74	75	5.26	5.48	456.8	-	0.00	18.5	0.0	0.00
	5/21/2012	14.46	569	0.56	5.28	507.8	-	0.0	18.1	0.0	0.00
	6/4/2012	14.48	238	5.44	5.30	359.0	-	0.0	19.4	0.0	0.00
	6/14/2012	14.53	693	1.51	5.37	201.3	-	-	-	-	-
	6/18/2012	14.68	467	14.21	5.65	231.7	-	0	20.1	0	0
	7/6/2012	14.45	525	6.30	5.38	257.8	-	-	20.5	0.0	-
	7/16/2012	14.60	711	0.24	5.75	93.7	-	-	-	-	-
	7/18/2012	-	-	-	-	-	-	0	20.9	0	0
	8/7/2012	11.39	920	4.80	8.16	-85.0	-	-	-	-	-
9/5/2012	14.38	577	4.28	5.43	265.7	-	-	-	-	-	
10/3/2012	14.97	229	6.02	5.07	-140.0	-	-	-	-	-	
1/14/2013	14.69	74	7.23	4.76	286.9	-	-	-	-	-	
4/23/2013	14.85	265	7.14	5.49	86.3	-	-	-	-	-	
7/22/2013	14.10	807	4.49	4.88	401.2	-	-	-	-	-	
10/21/2013	15.04	274	6.08	4.82	357.2	-	-	-	-	-	
1/13/2014	14.60	338	7.54	5.12	320.7	-	-	-	-	-	
4/14/2014	15.13	770	4.84	5.07	151.3	-	-	-	-	-	
7/31/2014	15.76	812	6.22	5.10	185.7	-	-	-	-	-	
11/18/2014	13.53	669	4.84	5.20	272.5	-	-	-	-	-	
MW-11 (77) {4} [47-77]	12/8/2010	15.21	279	7.81	5.28	226.5	-	-	-	-	-
	3/11/2011	14.18	237	8.21	5.27	242.5	-	-	-	-	-
	5/11/2011	17.51	249	8.57	4.98	231.5	-	-	-	-	-
	1/11/2012	14.65	210	7.76	5.70	301.7	-	-	-	-	-
	2/16/2012	12.37	220	7.66	6.30	139.0	-	-	20.2	0.0	-0.80
	4/4/2012	12.98	228	8.33	5.39	288.9	-	-	-	-	-
	7/17/2012	14.89	210	0.39	5.66	198.1	-	-	-	-	-
	8/8/2012	17.09	312	8.38	5.45	280.1	-	-	-	-	-

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-11 (cont.)	9/5/2012	14.35	228	8.01	5.82	254.0	-	-	-	-	-
	10/4/2012	14.90	287	4.82	5.56	-31.9	-	-	-	-	-
	1/15/2013	14.52	218	7.13	5.78	196.9	-	-	-	-	-
	4/23/2013	14.89	214	8.84	5.46	86.4	-	-	-	-	-
	7/23/2013	14.47	271	7.80	5.35	255.8	-	-	-	-	-
	10/22/2013	14.75	242	10.46	5.85	166.3	-	-	-	-	-
	1/13/2014	14.87	310	9.56	5.79	163.5	-	-	-	-	-
	4/14/2014	15.34	257	8.68	5.60	103.3	-	-	-	-	-
	7/30/2014	16.08	277	9.14	5.54	172.5	-	-	-	-	-
	11/18/2014	13.35	227	5.70	5.56	224.7	-	-	-	-	-
MW-12 (82) {4} [44-82]	12/8/2010	16.71	470	8.43	4.75	261.5	-	-	-	-	-
	3/11/2011	15.28	509	17.15	5.21	267.3	-	-	-	-	-
	5/11/2011	18.68	549	9.05	4.91	222.2	-	-	-	-	-
	1/11/2012	15.85	431	8.72	5.23	343.6	-	-	-	-	-
	2/16/2012	13.87	519	8.63	5.49	172.8	-	-	19.7	0.0	0.00
	4/4/2012	14.21	516	9.67	7.08	229.8	-	-	-	-	-
	7/16/2012	16.12	298	9.74	5.82	288.1	-	-	-	-	-
	8/8/2012	18.78	551	8.75	5.07	291.4	-	-	-	-	-
	9/5/2012	15.68	413	9.02	5.45	235.2	-	-	-	-	-
	10/4/2012	16.29	492	6.35	5.39	42.5	-	-	-	-	-
	1/15/2013	15.40	426	8.39	5.33	271.6	-	-	-	-	-
	4/24/2013	16.60	386	10.36	5.79	161.4	-	-	-	-	-
	7/23/2013	15.65	413	9.22	5.26	184.6	-	-	-	-	-
	10/22/2013	16.14	320	12.48	5.73	219.3	-	-	-	-	-
	1/14/2014	16.56	525	7.50	5.32	257.2	-	-	-	-	-
	4/14/2014	17.04	453	9.47	5.37	137.3	-	-	-	-	-
7/30/2014	17.33	435	10.49	5.34	179.2	-	-	-	-	-	
11/19/2014	14.32	459	7.33	5.57	210.7	-	-	-	-	-	
MW-13 (84) {4} [49-84]	11/23/2010	18.12	542	1.70	5.14	325.0	-	-	-	-	-
	11/30/2010	15.4	-	0.7	6.1	-45.3	-	-	-	0.1	-
	12/1/2010	-	-	-	-	-	-	-	-	1.4	-
	3/10/2011	14.67	582	12.10	4.92	288.8	-	-	-	-	-
	3/14/2011	14.05	-	-	-	-	-	-	-	-	-
	5/11/2011	21.32	520	8.57	4.39	291.8	-	-	-	-	-
	5/12/2011	17.61	-	-	-	-	-	-	-	-	-
	7/12/2011	24.41	1	3.50	3.68	451.9	-	-	-	-	-
	7/14/2011	20.16	-	-	-	-	-	-	-	-	-
	9/15/2011	-	13	12.94	5.12	459.9	0	0.0	25.4	0.0	1.00
	9/20/2011	15.91	402	15.88	7.74	532.7	0	>1.0	29.9	0.0	1.25
	9/21/2011	-	-	-	-	-	0	0.8	-	0.8	-
	9/23/2011	16.00	418	28.50	8.60	251.2	0	0.24	30.0	0.6	0.80
	9/27/2011	15.98	416	20.52	5.10	293.4	0	0	-	0.2	0.00
	10/4/2011	15.98	1,513	21.16	5.47	180.6	0	0	30.0+	0.0	1.10
	10/14/2011	17.77	643	17.53	5.12	629.0	0	0	30.0+	0.2	2.30
	10/18/2011	17.70	496	20.73	5.95	945.1	0	0.74	30.0+	0.6	10.20
	10/27/2011	17.87	490	15.90	8.01	540.1	0	>1.0	25.0	0.0	0.06
	11/2/2011	17.27	492	19.62	6.08	752.0	0	>1.0	30.0+	0.2	4.00
	11/8/2011	17.70	495	24.88	7.61	911.0	0	>1.0	30.0+	0.2	2.30
	11/15/2011	14.90	-	-	-	-	-	-	-	-	-
	11/16/2011	16.42	513	23.46	5.96	211.0	0	>1.0	24.5	52.1	0.56
12/8/2011	17.33	491	7.01	5.04	224.2	-	-	-	-	-	
1/12/2012	15.48	624	7.80	8.08	170.1	-	-	-	-	-	
2/16/2012	13.57	602	8.39	6.11	274.9	-	-	26.5	0.0	0.00	
2/21/2012	13.25	615	15.94	6.39	650.0	-	0	27.5	0	1.45	

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-13 (cont.)	2/28/2012	13.77	619	18.61	6.38	-	-	0.07	27.9	0.2	1.65
	3/5/2012	12.92	580	18.41	7.80	747.0	-	1.0	28.0	0.4	3.00
	3/28/2012	13.96	615	14.07	-	409.0	-	1.0	27.2	0.9	5.50
	4/3/2012	15.76	613	13.59	5.26	836.9	-	1.00	25.6	2.4	1.6
	4/11/2012	13.64	623	12.55	6.00	250.8	-	1.0	24.7	0.0	0
	4/26/2012	13.53	640	7.19	5.94	315.1	-	0	24.7	0.0	0.00
	5/7/2012	16.09	591	15.36	7.23	818.9	-	0.04	26.3	0.3	1.15
	5/21/2012	15.91	573	5.48	6.35	860.0	-	0.07	27.5	0.3	2.00
	6/4/2012	16.09	548	14.14	5.65	349.6	-	0.0	30.0+	0.8	1.10
	6/13/2012	15.96	541	16.73	5.30	308.5	-	-	-	-	-
	6/18/2012	15.93	520	19.15	5.46	245.4	-	0	19.9	1.0	1.30
	7/6/2012	15.85	572	19.44	5.89	237.8	-	-	26.0	1.1	-
	7/17/2012	16.06	539	8.70	5.17	262.3	-	-	-	-	-
	7/18/2012	-	-	-	-	-	-	0	22.4	1.1	0.46
	8/8/2012	12.92	719	11.82	7.00	-88.3	-	-	-	-	-
	9/5/2012	15.36	570	10.53	5.23	247.1	-	-	-	-	-
	10/8/2012	15.63	725	10.89	5.22	-8.7	-	-	-	-	-
	1/16/2013	16.12	626	11.62	5.10	293.1	-	-	-	-	-
	4/25/2013	16.10	674	8.67	4.95	159.6	-	-	-	-	-
	7/24/2013	15.33	767	9.50	4.83	300.0	-	-	-	-	-
	10/23/2013	15.77	740	9.25	8.33	161.3	-	-	-	-	-
	1/14/2014	15.75	862	7.41	5.03	354.2	-	-	-	-	-
	4/15/2014	16.44	937	9.47	4.92	203.8	-	-	-	-	-
7/31/2014	16.59	887	8.83	5.12	157.7	-	-	-	-	-	
11/20/2014	13.90	806	5.82	5.32	333.5	-	-	-	-	-	
MW-14S (100) {4} [40-100]	11/23/2010	16.27	733	5.43	5.69	265.1	-	-	-	-	-
	3/14/2011	14.06	297	5.67	4.76	283.7	-	-	-	-	-
	5/12/2011	21.67	728	5.83	5.57	181.9	-	-	-	-	-
	7/14/2011	30.99	984	5.28	5.64	336.1	-	-	-	-	-
	9/14/2011	-	419	1.17	5.17	419.0	0	0.0	18.1	0.0	0.00
	9/27/2011	14.79	260	20.64	5.12	158.7	-	-	-	-	-
	10/14/2011	16.34	543	4.02	5.17	290.3	0	0.0	19.1	0.0	0.00
	10/27/2011	16.52	660	2.21	5.39	254.5	0	0.0	19.0	0.0	0.20
	11/8/2011	16.41	289	10.06	5.07	365.6	0	0.0	20.9	0.0	0.00
	11/15/2011	14.83	239	8.60	5.41	257.0	0	0.0	20.6	0.0	0.08
	12/8/2011	16.30	87	10.90	5.16	226.1	-	-	-	-	-
	1/11/2012	14.11	249	7.55	5.50	216.8	-	-	-	-	-
	2/16/2012	12.72	321	5.70	4.91	249.8	-	-	17.8	0.0	0.00
	2/28/2012	12.69	590	5.89	5.26	-	-	0.00	19.4	0.0	0.00
	3/28/2012	12.86	707	3.28	-	303.8	-	0.0	19.0	0.0	0.00
	4/3/2012	-	-	-	-	-	-	0.00	19.0	0.0	0.00
	4/5/2012	12.44	579	7.32	5.00	251.0	-	-	-	-	-
	4/26/2012	12.64	603	5.79	5.27	328.0	-	0	19.1	0.0	0.00
	5/7/2012	14.82	563	5.62	5.55	481.2	-	0.00	18.8	0.0	0.00
	5/21/2012	14.52	648	1.48	5.44	482.3	-	0.0	18.5	0.0	0.00
	6/4/2012	14.61	450	6.08	5.59	315.3	-	0.0	19.8	0.0	0.00
	6/14/2012	14.59	697	4.45	5.59	190.9	-	-	-	-	-
	6/18/2012	14.79	320	4.78	7.50	172.8	-	0	22.6	0	0
7/6/2012	14.53	701	5.20	5.77	237.0	-	-	20.5	0.0	-	
7/16/2012	14.54	798	0.83	5.87	128.6	-	-	-	-	-	
7/18/2012	-	-	-	-	-	-	0	20.9	0	0	
8/7/2012	18.75	959	3.70	5.41	287.4	-	-	-	-	-	
9/5/2012	14.33	742	4.46	5.63	257.4	-	-	-	-	-	

Table 4

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Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-14S (cont.)	10/3/2012	14.95	923	4.67	4.84	22.8	-	-	-	-	-
	1/14/2013	14.76	693	8.01	5.49	313.0	-	-	-	-	-
	4/23/2013	14.83	688	5.83	5.34	174.7	-	-	-	-	-
	7/22/2013	14.16	932	5.03	-	409.1	-	-	-	-	-
	10/24/2013	15.10	648	4.68	5.11	375.9	-	-	-	-	-
	1/15/2014	14.50	204	5.12	5.27	294.4	-	-	-	-	-
	4/17/2014	14.77	833	4.44	5.94	151.7	-	-	-	-	-
	7/30/2014	16.17	976	5.07	5.50	177.4	-	-	-	-	-
11/18/2014	12.96	945	0.36	7.25	-82.8	-	-	-	-	-	
MW-14D (221) {4} [201-221]	11/23/2010	-	1,063	5.02	11.42	109.8	-	-	-	-	-
	11/30/2010	14.5	-	1.4	8.7	-69.8	-	-	-	1.9	-
	3/14/2011	-	735	2.01	11.12	-33.8	-	-	-	-	-
	5/12/2011	-	695	2.01	11.26	154.0	-	-	-	-	-
	7/14/2011	-	693	0.89	9.50	300.2	-	-	-	-	-
	9/14/2011	-	463	1.32	7.22	400.0	0	0.0	20.0	0.0	0.00
	9/27/2011	15.11	520	4.80	9.16	46.8	-	-	-	-	-
	10/14/2011	-	623	1.19	9.28	197.0	0	0.0	20.4	0.0	0.00
	10/27/2011	-	494	2.02	8.82	129.0	0	-	20.8	0.0	1.72
	11/8/2011	-	492	2.86	8.62	156.2	0	0.0	20.2	0.0	0.00
	11/15/2011	14.76	488	3.39	9.09	171.7	0	0.0	20.9	0.0	0.50
	12/8/2011	-	480	7.20	7.10	145.7	-	-	-	-	-
	1/11/2012	14.05	487	1.94	8.36	106.2	-	-	-	-	-
	2/16/2012	-	350	0.71	7.14	135.7	-	-	20.9	0.0	-0.35
	2/28/2012	12.71	377	1.56	6.99	-	-	0.00	20.9	0.0	0.00
	3/28/2012	12.76	354	0.84	-	249.0	-	0.0	20.9	0.0	0.48
	4/3/2012	-	-	-	-	-	-	0.00	20.9	0.0	-0.20
	4/5/2012	12.73	328	1.38	7.15	185.5	-	-	-	-	-
	4/26/2012	12.69	306	0.95	6.87	291.7	-	0	20.9	0.0	0.00
	5/7/2012	14.88	292	1.93	7.38	351.4	-	0.00	20.9	0.0	-0.52
	5/21/2012	14.66	289	2.11	7.82	395.8	-	0.0	20.9	0.0	2.7 (-)
	6/4/2012	14.76	292	6.60	7.68	284.2	-	0.0	20.9	0.0	1.05
	6/14/2012	14.77	326	3.04	7.95	146.9	-	-	-	-	-
	6/18/2012	14.62	626	15.19	5.98	220.7	-	0	20.9	0	0
	7/6/2012	14.64	340	1.15	7.64	173.7	-	-	20.9	0.0	-
	7/18/2012	14.47	439	1.34	9.46	91.3	-	0	20.9	0	0
	8/7/2012	12.29	558	0.55	9.00	-173.9	-	-	-	-	-
	9/5/2012	14.43	424	1.27	8.49	173.1	-	-	-	-	-
10/8/2012	14.44	544	-0.12	8.04	20.8	-	-	-	-	-	
1/18/2013	14.13	416	0.98	7.94	118.3	-	-	-	-	-	
4/23/2013	14.84	372	1.97	7.81	154.6	-	-	-	-	-	
7/23/2013	14.25	485	1.52	7.15	231.2	-	-	-	-	-	
10/21/2013	14.47	459	2.01	7.13	198.0	-	-	-	-	-	
1/15/2014	14.64	496	1.37	8.23	236.6	-	-	-	-	-	
4/17/2014	15.12	335	2.34	7.53	113.0	-	-	-	-	-	
8/1/2014	16.67	422	0.93	8.72	-264.2	-	-	-	-	-	
11/19/2014	13.50	333	7.97	7.82	227.5	-	-	-	-	-	
MW-15D (134) {4} [46-134]	11/23/2010	17.50	532	1.59	6.07	231.4	-	-	-	-	-
	11/30/2010	15.4	-	0.5	6.7	-56.0	-	-	-	4.5	-
	12/1/2010	14.70	303	2.19	7.57	130.0	-	-	-	4.7	-
	3/11/2011	14.83	502	5.30	5.38	259.1	-	-	-	-	-
	5/11/2011	20.74	511	2.61	5.32	180.0	-	-	-	-	-
	7/13/2011	31.87	693	5.43	5.46	360.9	-	-	-	-	-
	9/14/2011	-	648	4.20	6.68	31.3	0	0.0	20.2	0.0	0.00
	9/20/2011	15.82	367	7.16	5.39	209.0	0	0.0	14.1	0.0	0.00



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Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)	
MW-15D (cont.)	9/21/2011	-	-	-	-	-	0	0.0	-	0.0	-	
	9/23/2011	16.21	378	6.77	5.40	208.4	0	0.0	-	0.0	0.00	
	9/27/2011	16.12	415	6.30	6.45	203.1	-	0.0	-	-	0.00	
	10/4/2011	15.97	436	8.30	5.46	154.0	0	0.0	-	0.0	0.00	
	10/14/2011	17.39	536	8.43	5.65	150.0	0	0.0	22.2	1.6	0.16	
	10/18/2011	17.32	416	11.46	5.55	136.2	0	0.0	24.8	29.8	0.00	
	10/27/2011	17.63	422	10.64	5.54	277.2	0	0.0	25.5	29.2	0.00	
	11/2/2011	17.28	433	8.74	5.64	241.5	0	0.0	20.9	0.0	0.00	
	11/8/2011	17.10	433	11.39	5.63	279.4	0	0.0	20.9	0.0	0.00	
	11/16/2011	15.69	450	14.88	5.59	307.8	0	0.0	20.4	38.0	0.08	
	12/8/2011	17.09	493	3.42	8.80	119.1	-	-	-	-	-	-
	1/11/2012	15.41	471	4.14	5.42	338.3	-	-	-	-	-	-
	2/16/2012	13.38	503	2.78	5.54	164.2	-	-	23.8	0.0	0.00	
	2/21/2012	13.45	497	2.75	5.49	201.9	-	0	24.8	0	0.00	
	2/28/2012	13.40	500	7.21	5.47	-	-	0.00	27.1	16.4	0.30	
	3/5/2012	13.32	503	8.85	5.50	268.0	-	0.0	27.6	17.4	0.30	
	3/23/2012	13.67	514	8.67	5.49	252.8	-	0.0	30.0	11.2	0.50	
	3/28/2012	13.53	517	9.05	-	220.6	-	0.0	25.7	8.8	0.34	
	4/3/2012	15.37	536	7.71	5.69	211.2	-	0.00	25.6	11.8	0.31	
	4/11/2012	13.33	539	17.01	7.84	175.7	-	0.0	25.4	6.7	0	
	4/26/2012	13.37	511	6.79	5.80	341.0	-	0	24.7	1.4	0.00	
	4/30/2012	13.30	526	4.57	7.30	218.8	-	0	24.3	1.2	0.46	
	5/7/2012	15.72	519	7.93	5.89	232.0	-	0.00	25.9	0.2	0.40	
	5/15/2012	15.75	523	8.90	5.75	274.9	-	0.0	27.3	0.4	0.44	
	5/21/2012	15.34	508	4.98	6.02	239.9	-	0.0	27.7	0.3	0.26	
	5/24/2012	15.40	631	12.16	-	-	-	-	-	-	-	-
	5/29/2012	15.63	571	12.49	6.35	144.9	-	0.0	30.0+	7.1	0.52	
	6/4/2012	15.46	426	11.55	5.88	229.1	-	0.0	30.0+	7.3	0.44	
	6/13/2012	15.36	444	11.54	6.00	276.4	-	-	-	-	-	-
	6/14/2012	-	-	-	-	-	-	0.0	22.3	2.2	0.20	
	6/18/2012	15.67	467	13.72	6.04	216.4	-	0	19.4	3.0	0.20	
	6/28/2012	16.32	500	11.91	5.87	-	-	0.0	-	-	0.18	
	7/6/2012	15.58	499	13.00	6.07	180.3	-	-	23.1	1.6	-	
7/9/2012	15.58	495	11.62	7.08	192.2	-	0.0	23.8	0.0	0.18		
7/17/2012	14.58	458	7.42	6.72	154.1	-	-	-	-	-		
7/18/2012	-	-	-	-	-	-	0	22.0	1.5	0.35		
7/23/2012	15.25	433	7.83	6.75	209.2	-	0	24.3	1.2	0.20		
8/9/2012	16.57	664	9.50	12.60	-88.2	-	-	-	-	-		
9/5/2012	15.10	484	6.70	6.61	185.1	-	-	-	-	-		
10/8/2012	15.20	611	5.74	6.56	-38.4	-	-	-	-	-		
1/18/2013	14.63	531	5.98	6.11	191.8	-	-	-	-	-		
4/25/2013	15.80	592	7.20	5.48	257.2	-	-	-	-	-		
7/24/2013	14.90	719	6.40	5.27	289.6	-	-	-	-	-		
10/24/2013	15.59	604	7.76	7.38	171.8	-	-	-	-	-		
1/14/2014	15.23	803	6.04	5.56	295.9	-	-	-	-	-		
4/16/2014	15.08	721	5.64	5.40	170.2	-	-	-	-	-		
7/31/2014	17.14	869	6.27	5.81	165.3	-	-	-	-	-		
11/20/2014	14.02	708	5.67	6.07	297.7	-	-	-	-	-		
MW-16 (121) {4} [36-121]	11/23/2010	16.02	664	4.43	5.48	350.4	-	-	-	-	-	
	3/14/2011	14.12	240	6.91	4.70	296.8	-	-	-	-	-	
	5/12/2011	20.36	442	8.89	4.53	278.2	-	-	-	-	-	
	7/14/2011	18.72	639	3.96	4.51	336.0	-	-	-	-	-	
	9/14/2011	-	116	7.03	5.28	404.3	0	0.0	17.9	0.0	0.00	

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-16 (cont.)	9/27/2011	14.57	134	7.69	5.41	308.7	-	-	-	-	-
	10/14/2011	15.99	221	9.43	5.88	296.0	0	0.0	18.3	0.0	0.00
	10/27/2011	16.04	169	8.09	5.77	245.7	0	0.0	19.5	0.0	0.32
	11/8/2011	16.33	191	12.88	5.70	333.5	0	0.0	20.9	0.0	0.00
	11/15/2011	14.51	105	13.49	7.13	225.1	0	0.0	20.4	0.3	0.21
	12/8/2011	16.03	353	10.50	5.22	224.7	-	-	-	-	-
	1/12/2012	14.4	89	7.73	5.20	332.4	-	-	-	-	-
	2/16/2012	12.42	102	7.41	5.38	214.2	-	-	18.6	0.0	0.00
	2/28/2012	12.43	90	8.58	5.35	-	-	0.00	19.1	0.0	0.00
	3/28/2012	12.45	99	7.56	-	289.9	-	0.0	18.7	0.0	0.00
	4/3/2012	-	-	-	-	-	-	0.00	19.0	0.0	0.00
	4/4/2012	14.20	546	6.06	5.06	291.6	-	-	-	-	-
	4/26/2012	12.32	544	4.99	5.26	338.0	-	0	18.9	0.0	0.00
	5/7/2012	14.66	471	5.31	5.70	502.2	-	0.00	19.1	0.0	0.00
	5/21/2012	14.37	518	2.14	5.21	519.6	-	0.0	18.5	0.0	0.00
	6/4/2012	14.49	84	8.14	5.62	381.7	-	0.0	19.2	0.0	0.00
	6/14/2012	14.33	363	8.70	5.41	150.2	-	-	-	-	-
	6/18/2012	14.67	103	11.04	5.76	230.0	-	0	20.5	0	0
	7/6/2012	14.25	497	9.08	5.40	250.2	-	-	20.3	0.0	-
	7/16/2012	14.38	643	15.71	5.25	246.7	-	-	-	-	-
	7/18/2012	-	-	-	-	-	-	0	20.3	0	0
	8/6/2012	12.15	844	7.47	4.19	-52.9	-	-	-	-	-
	9/5/2012	14.10	576	6.80	5.28	254.9	-	-	-	-	-
	10/3/2012	14.68	119	8.10	5.01	-102.1	-	-	-	-	-
	1/14/2013	14.53	178	7.15	4.98	188.7	-	-	-	-	-
	4/23/2013	14.43	525	7.08	4.94	153.2	-	-	-	-	-
	7/22/2013	13.99	428	7.06	-	393.4	-	-	-	-	-
10/21/2013	14.75	76	7.32	4.93	344.5	-	-	-	-	-	
1/15/2014	14.14	97	5.14	5.25	227.3	-	-	-	-	-	
4/14/2014	15.02	128	8.54	5.58	130.6	-	-	-	-	-	
7/30/2014	16.04	839	6.41	4.94	183.3	-	-	-	-	-	
11/19/2014	12.62	892	5.85	5.06	314.5	-	-	-	-	-	
MW-17 (121) {4} [35-121]	11/23/2010	16.57	682	1.15	5.36	349.0	-	-	-	-	-
	11/30/2010	14.1	-	0.8	7.2	-70.1	-	-	-	0.3	-
	3/14/2011	13.63	541	5.09	5.29	193.3	-	-	-	-	-
	5/12/2011	16.59	560	7.09	5.12	204.6	-	-	-	-	-
	7/14/2011	17.40	635	1.06	5.13	219.7	-	-	-	-	-
	9/14/2011	-	459	0.52	4.93	510.8	0	0.0	15.2	0.0	0.00
	9/27/2011	14.62	460	0.76	7.58	266.7	-	-	-	-	-
	10/14/2011	16.50	550	1.18	5.46	268.0	0	0.0	20.9	0.0	0.00
	10/27/2011	16.79	530	2.45	5.54	253.4	0	0.0	20.8	0.0	0.00
	11/8/2011	16.54	548	2.84	5.50	324.0	0	0.0	20.9	0.0	0.00
	11/15/2011	14.98	550	6.19	5.53	296.0	0	0.0	17.9	0.0	0.00
	12/8/2011	16.41	569	4.90	5.98	200.4	-	-	-	-	-
	1/11/2012	14.63	529	4.25	5.13	348.6	-	-	-	-	-
	2/16/2012	12.57	575	0.79	5.48	180.6	-	-	12.6	0.0	0.00
	2/28/2012	12.86	612	3.23	5.74	-	-	0.00	17.0	0.0	0.00
	3/28/2012	12.72	577	1.52	-	291.0	-	0.0	16.6	0.0	0.00
	4/3/2012	-	-	-	-	-	-	0.00	17.8	0.0	0.00
4/4/2012	12.95	566	1.31	5.41	271.8	-	-	-	-	-	
4/26/2012	12.66	595	0.85	5.46	318.8	-	0	19.1	0.0	0.00	
5/7/2012	14.84	580	0.66	5.66	434.4	-	0.00	18.9	0.0	0.00	
5/21/2012	14.58	565	0.41	5.71	472.7	-	0.0	18.8	0.0	0.00	

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-17 (cont.)	6/4/2012	14.55	539	0.96	5.78	315.8	-	0.0	19.3	0.0	0.00
	6/14/2012	14.51	543	0.40	5.88	165.1	-	-	-	-	-
	6/18/2012	14.71	544	2.75	5.88	224.0	-	0	20.9	0	0
	7/6/2012	14.72	570	0.43	6.00	230.0	-	-	20.0	0.0	-
	7/18/2012	-	-	-	-	-	-	0	20.3	0	0
	7/31/2012	14.57	536	0.10	6.31	144.6	-	-	-	-	-
	8/7/2012	17.32	727	1.20	5.39	130.1	-	-	-	-	-
	9/5/2012	14.38	563	0.61	5.97	243.7	-	-	-	-	-
	10/4/2012	14.72	707	0.35	5.54	-17.5	-	-	-	-	-
	1/14/2013	14.69	583	2.07	5.62	263.4	-	-	-	-	-
	4/23/2013	14.95	547	3.44	5.50	120.8	-	-	-	-	-
	7/23/2013	14.27	784	1.71	6.63	268.7	-	-	-	-	-
	10/24/2013	14.55	755	2.82	7.41	185.6	-	-	-	-	-
	1/15/2014	14.61	842	2.08	5.84	175.0	-	-	-	-	-
	4/17/2014	15.10	703	2.28	5.83	64.8	-	-	-	-	-
	8/1/2014	15.73	852	7.15	5.72	142.8	-	-	-	-	-
11/19/2014	13.41	901	3.62	5.71	238.6	-	-	-	-	-	
MW-18S (70) {2} [45-70]	11/30/2010	15.3	-	11.3	11.1	-65.2	-	-	-	12.4	-
	12/1/2010	11.97	64	11.75	12.02	-91.3	-	-	-	3.5	-
	3/10/2011	14.93	7,076	7.03	12.99	-100.4	-	-	-	-	-
	5/10/2011	22.53	7,285	2.83	13.21	101.9	-	-	-	-	-
	7/13/2011	22.04	6,920	1.58	9.02	300.6	-	-	-	-	-
	9/14/2011	-	5,817	9.09	12.50	73.6	0	0.0	13.6	0.3	0.00
	9/20/2011	16.12	5,276	6.63	12.58	-32.8	0	0.0	14.6	180	0.10
	9/21/2011	-	-	-	-	-	0	0.0	-	56.2	-
	9/23/2011	16.37	5,252	5.65	12.70	-13.5	0	0.0	17.8	81.5	0.20
	9/27/2011	16.12	464	10.42	12.43	-39.1	0	0.0	-	0.5	0.00
	10/4/2011	16.06	5,027	8.65	12.82	-71.9	0	0.0	23.1	17.9	0.00
	10/14/2011	17.92	5,964	9.08	12.87	41.5	0	0.0	23.3	21.5	0.12
	10/18/2011	17.93	4,105	11.97	12.87	10.5	0	0.0	26.4	32.4	0.40
	10/27/2011	17.88	1,626	13.45	12.40	37.6	0	0.0	21.2	0.0	0.00
	11/2/2011	17.48	3,201	14.41	12.84	27.6	0	0.0	20.9	0.0	0.00
	11/8/2011	17.58	3,121	16.99	12.71	9.4	0	0.0	20.9	1.0	0.62
	11/16/2011	15.74	3,727	19.91	12.76	29.6	0	0.0	24.7	3.46	0.00
	12/8/2011	17.62	4,079	7.61	12.94	76.6	-	-	-	-	-
	1/12/2012	15.03	5,138	7.31	12.39	-115.0	-	-	-	-	-
	2/16/2012	13.13	3,534	5.11	12.66	-41.3	-	-	20.9	0.0	0.00
	2/21/2012	13.25	3,432	7.40	12.64	-37.7	-	0	20.9	0	0.06
	2/28/2012	13.78	463	1.51	9.63	-	-	0.00	20.9	0.0	0.06
	3/5/2012	13.13	5,331	6.03	12.90	-67.6	-	0.0	20.9	0.4	0.00
	3/23/2012	13.89	1,565	13.03	11.85	38.6	-	0.0	20.9	1.9	0.30
	3/28/2012	13.70	1,885	12.10	-	29.6	-	0.0	21.3	1.1	0.12
	4/3/2012	13.76	3,009	7.92	12.53	19.2	-	0.00	21.9	0.9	0.00
	4/11/2012	13.59	1,977	5.88	12.47	-25.9	-	0.0	21.7	0.0	0
	4/26/2012	13.50	3,499	6.11	12.64	60.0	-	0	22.5	0.1	0.00
	4/30/2012	13.33	2,697	5.79	12.34	76.8	-	0	22.1	1.4	0.10
	5/7/2012	15.83	3,595	6.42	12.39	-29.5	-	0.00	22.2	0.0	0.18
	5/15/2012	15.78	5,764	4.97	12.35	-26.9	-	0.0	22.4	0.2	0.20
	5/21/2012	15.81	2,656	4.29	12.43	-78.3	-	0.0	21.8	0.6	0.10
5/24/2012	15.77	3,285	11.80	-	-	-	-	-	-	-	
5/29/2012	16.66	3,692	9.80	12.50	-43.4	-	0.0	22.8	3.7	0.20	
6/4/2012	15.79	2,451	15.24	12.14	-12.5	-	0.0	21.3	0.0	0.10	
6/14/2012	-	-	-	-	-	-	0.0	20.9	0.8	0	

Table 4

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Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-18S (cont.)	6/15/2012	16.01	2,011	19.11	12.32	-45.4	-	-	-	-	-
	6/18/2012	15.72	1,859	17.92	12.01	-30.7	-	0	30.0+	1.6	0.12
	6/28/2012	16.54	1,703	18.23	11.88	-47.7	-	0.0	-	-	0.10
	7/6/2012	15.86	3,519	15.19	12.58	-78.7	-	-	21.8	1.4	-
	7/9/2012	16.21	1,801	16.24	12.17	-16.7	-	0.0	21.4	0.9	0.14
	7/17/2012	17.44	1,697	13.78	11.78	45.8	-	-	-	-	-
	7/18/2012	-	-	-	-	-	-	0	20.9	0.6	0.24
	7/23/2012	16.53	1,631	8.31	12.17	-24.8	-	0	20.9	10.4	0.26
	8/9/2012	18.04	3,463	11.30	10.94	66.1	-	-	-	-	-
	9/5/2012	15.56	6,117	11.16	12.71	-48.9	-	-	-	-	-
	10/8/2012	16.24	7,086	9.45	12.54	-104.7	-	-	-	-	-
	1/17/2013	14.48	3,450	9.58	12.48	-67.0	-	-	-	-	-
	4/25/2013	16.32	1,762	10.77	11.69	134.6	-	-	-	-	-
	7/25/2013	15.29	5,727	9.47	12.62	-108.1	-	-	-	-	-
	10/23/2013	15.84	7,530	8.94	12.55	-146.6	-	-	-	-	-
	1/16/2014	15.14	2,866	15.14	12.19	-67.3	-	-	-	-	-
	4/16/2014	16.26	2,607	6.64	12.31	69.5	-	-	-	-	-
8/1/2014	18.40	6,816	7.63	12.20	-69.1	-	-	-	-	-	
11/20/2014	14.53	8,083	5.05	12.83	-47.7	-	-	-	-	-	
MW-18D (130) {2} [120-130]	11/23/2010	17.61	7.80	5.29	7.16	285.8	-	-	-	-	-
	11/30/2010	14.3	-	6.0	10.0	-65.4	-	-	-	1.0	-
	12/1/2010	14.29	18	6.64	10.80	-73.0	-	-	-	2.8	-
	12/8/2010	14.94	717	5.32	7.42	50.7	-	-	-	-	-
	3/10/2011	11.36	3,566	4.92	10.11	85.9	-	-	-	-	-
	5/10/2011	21.97	884	3.37	10.75	119.4	-	-	-	-	-
	7/13/2011	20.41	812	1.80	9.39	233.0	-	-	-	-	-
	9/14/2011	-	176	0.99	9.99	159.0	0	0.0	20.4	0.0	0.30
	9/20/2011	16.08	195	0.81	9.78	68.0	0	0.0	20.5	0.8	0.38
	9/21/2011	-	-	-	-	-	0	0.0	-	1.0	-
	9/23/2011	16.53	170	1.20	6.78	228.8	0	0.0	20.9	0.0	0.00
	9/27/2011	16.04	174	3.25	9.46	159.1	0	0.0	-	0.0	0.00
	10/4/2011	15.90	184	1.00	7.99	142.0	0	0.0	20.9	0.0	0.00
	10/14/2011	17.79	255	1.70	9.52	82.6	0	0.0	20.9	0.4	0.77
	10/18/2011	17.80	215	2.90	9.59	98.8	0	0.0	20.9	0.8	0.14
	10/27/2011	17.44	332	5.17	9.68	54.4	0	0.0	24.5	0.0	0.44
	11/2/2011	17.53	348	5.75	9.82	59.0	0	0.0	20.9	0.0	0.05
	11/8/2011	17.69	367	5.73	10.10	100.6	0	0.0	20.9	0.0	0.14
	11/16/2011	15.87	353	5.96	9.58	129.1	0	0.0	20.4	0.0	0.02
	12/8/2011	16.93	370	4.02	6.97	150.8	-	-	-	-	-
	1/11/2012	15.08	412	2.38	7.04	170.6	-	-	-	-	-
	2/16/2012	13.74	452	1.71	9.48	-84.3	-	-	20.9	0.0	0.00
	2/21/2012	13.81	468	0.55	9.32	-125.2	-	0	20.9	0	0.00
	2/28/2012	13.12	3,584	10.92	12.70	-	-	0.00	20.9	0.2	0.00
	3/5/2012	13.68	460	1.66	9.35	-105.4	-	0.0	20.9	0.0	0.20
	3/23/2012	13.94	469	1.85	9.52	69.7	-	0.0	20.3	1.0	0.0
	3/28/2012	13.88	469	1.51	-	37.6	-	0.0	20.9	0.0	0.10
	4/3/2012	-	-	-	-	-	-	0.00	20.9	0.5	0.00
	4/4/2012	15.56	467	0.25	7.27	-160.7	-	-	-	-	-
4/11/2012	13.49	989	1.67	9.88	53.9	-	0.0	20.9	0.0	0	
4/26/2012	12.58	493	9.83	9.83	136.9	-	0	20.9	0.0	0.14	
4/30/2012	13.56	493	1.38	9.71	132.4	-	0	20.9	1.4	0.00	
5/7/2012	15.88	474	1.08	9.63	55.1	-	0.00	20.9	0.0	0.00	
5/15/2012	15.87	479	1.13	9.67	-18.0	-	0.0	20.9	0.0	0.14	

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-18D (cont.)	5/21/2012	15.94	478	1.44	8.86	39.7	-	0.0	20.9	0.1	0.22
	5/24/2012	15.60	575	2.22	-	-	-	-	-	-	-
	5/29/2012	16.04	463	1.85	8.55	87.2	-	0.0	20.4	2.2	0.00
	6/4/2012	15.85	434	2.29	8.97	116.2	-	0.0	20.9	0.0	0.00
	6/14/2012	-	-	-	-	-	-	0.0	20.9	0.4	0
	6/15/2012	16.28	465	0.69	8.64	142.3	-	-	-	-	-
	6/18/2012	15.43	460	5.02	9.32	110.6	-	0	20.9	1.0	0.08
	6/28/2012	15.67	465	2.32	9.13	108.6	-	0.0	-	-	0.62
	7/6/2012	15.40	476	1.06	9.16	85.3	-	-	20.9	1.2	-
	7/9/2012	15.76	476	2.41	9.20	118.6	-	0.0	20.9	0.3	0.20
	7/18/2012	15.88	671	3.32	8.61	98.4	-	0	20.9	1.2	-0.22
	7/23/2012	14.71	672	0.47	8.76	135.0	-	0	20.9	3.2	0.16
	8/9/2012	21.45	890	0.67	7.66	-95.1	-	-	-	-	-
	9/5/2012	15.27	672	1.03	9.17	-177.1	-	-	-	-	-
	10/8/2012	16.46	803	0.46	7.93	-180.4	-	-	-	-	-
	1/17/2013	14.98	607	0.40	8.19	-188.1	-	-	-	-	-
	4/25/2013	16.55	444	2.88	6.96	238.8	-	-	-	-	-
	7/25/2013	-	585	6.59	6.64	306.6	-	-	-	-	-
	10/23/2013	15.43	606	5.78	7.88	130.4	-	-	-	-	-
	1/16/2014	14.61	681	2.78	7.64	205.5	-	-	-	-	-
4/16/2014	16.11	627	0.21	7.66	208.0	-	-	-	-	-	
8/1/2014	18.09	616	0.75	7.71	22.2	-	-	-	-	-	
11/20/2014	14.21	618	4.08	7.79	229.7	-	-	-	-	-	
SV-1	10/4/2011	-	-	-	-	-	0	0.00	30.0+	42.8	0.00
	10/14/2011	-	-	-	-	-	0	0.0	28.0	40.4	0.04
	10/18/2011	-	-	-	-	-	0	0.00	30.0+	50.2	0.02
	10/27/2011	-	-	-	-	-	0	0.00	20.8	0.0	0.00
	11/2/2011	-	-	-	-	-	0	0.00	28.6	17.2	0.00
	11/8/2011	-	-	-	-	-	0	0.00	22.5	18.7	0.00
	2/16/2012	-	-	-	-	-	-	-	21.8	0.0	0.00
	2/21/2012	-	-	-	-	-	-	0	25.7	0	0.00
	2/28/2012	-	-	-	-	-	-	-	21.7	0.0	-
	3/5/2012	-	-	-	-	-	-	0.0	26.9	2.0	0.00
	3/28/2012	-	-	-	-	-	-	-	26.7	5.1	0.00
	4/3/2012	-	-	-	-	-	-	0.12	26.6	4.8	0.00
	4/26/2012	-	-	-	-	-	-	0	22.9	0.0	0.00
	5/7/2012	-	-	-	-	-	-	0.00	30.0+	2.4	0.00
	5/21/2012	-	-	-	-	-	-	0.0	30.0+	3.3	0.00
6/4/2012	-	-	-	-	-	-	0.0	30.0+	0.8	0.04	
6/18/2012	-	-	-	-	-	-	0	30.0+	0.7	0	
7/18/2012	-	-	-	-	-	-	0	-	0.6	0	
SV-2	10/4/2011	-	-	-	-	-	0	0.00	22.0	0.0	0.00
	10/14/2011	-	-	-	-	-	0	0.0	30.0+	0.0	0.00
	10/18/2011	-	-	-	-	-	0	0.00	30.0+	0.0	0.00
	10/27/2011	-	-	-	-	-	0	0.02	25.0	0.0	0.00
	11/2/2011	-	-	-	-	-	0	0.00	20.9	0.0	0.00
	11/8/2011	-	-	-	-	-	0	0.00	20.9	0.0	0.00
	2/16/2012	-	-	-	-	-	-	-	21.6	0.0	0.00
	2/21/2012	-	-	-	-	-	-	0	21.5	0	0.00
	2/28/2012	-	-	-	-	-	-	-	26.4	1.5	-
	3/5/2012	-	-	-	-	-	-	0.0	21.9	0.0	0.00
3/28/2012	-	-	-	-	-	-	-	30.0	0.0	0.00	

Table 4

**HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoinizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
SV-2 (cont.)	4/3/2012	-	-	-	-	-	-	0.00	29.3	0.4	0.00
	4/26/2012	-	-	-	-	-	-	0	26.4	0.0	0.00
	5/7/2012	-	-	-	-	-	-	0.00	30.0+	0.0	0.00
	5/21/2012	-	-	-	-	-	-	0.0	30.0+	0.0	0.00
	6/4/2012	-	-	-	-	-	-	0.0	30.0+	0.2	0.00
	6/18/2012	-	-	-	-	-	-	0	-	0	0
	7/18/2012	-	-	-	-	-	-	0	-	2.5	0
TF-3	12/1/2010	-	-	-	-	-	-	-	-	111	-
TF-4	12/1/2010	-	-	-	-	-	-	-	-	145	-
TF-5	12/1/2010	-	-	-	-	-	-	-	-	0.0	-
	2/16/2012	-	-	-	-	-	-	-	20.5	0.0	0.00
TF-6	12/1/2010	-	-	-	-	-	-	-	-	0.0	-
	2/16/2012	-	-	-	-	-	-	-	20.4	0.0	0.00
TF-7	12/1/2010	-	-	-	-	-	-	-	-	245	-
	2/16/2012	-	-	-	-	-	-	-	20.3	0.0	0.00
TF-8	12/1/2010	-	-	-	-	-	-	-	-	0.0	-
	2/16/2012	-	-	-	-	-	-	-	20.2	0.0	0.00
VE-1	11/30/2010	-	-	-	-	-	-	-	-	0.6	-
	2/16/2012	-	-	-	-	-	-	-	20.9	0.0	0.00

(##) = Depth to bottom of well (ft)  
 [##] = Length of the Screened Interval (ft)  
 {##} = Well Diameter (in)  
 °C = Degrees Celsius  
 µS/cm = Microsiemens per centimeter  
 mg/L = Milligrams per liter  
 mV = Millivolts  
 ppm = Parts per million

**HISTORICAL GVP POTABLE WELL AND POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH	
GW Clean-up Standards*			5	1,000	700	10,000	NA	20	NA	NA	NA	NA	0.65	47	47	100	100	NA	2,600	2,600	15	15	NA	NA	NA	NA	NA	
GVP-FR815955 (300) [32-300]	1/4/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1/10/2007	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9/4/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.1	<0.1	<5.0	<0.2	35	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	10/16/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	<32	21	-	-	-	-	-	-	-	-	-	-	-	-	
	10/29/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	94	143	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2010	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	10/19/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8/7/2012	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	4.3	2.8	2.59	9.2	2.0	6.2	6.7	-	-	-	-	-
	10/4/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	3.1	2.2	2.46	4.1	2.1	3.7	5.2	-	-	-	-	5.8
	1/18/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	37.8	2.9	1.05	-	-	31	5.3	-	-	-	-	-
	5/23/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	4.9	8.9	-	-	35	4.6	-	-	-	-	-
	10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.5	<0.5	<0.5	<0.5	15.9	<0.5	-	-	670	4.2	40 M1	-	-	380	3.0	-	-	-	-	-
	12/18/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	<1.0	0.20	-	-	8.2	1.7	-	-	-	-	-
	1/15/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/30/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.1	0.42	-	-	19	6.1	-	-	-	-	-	
GVP-FR815955 (DUP)	10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.5	<0.5	<0.5	14.1	<0.5	-	-	76	4.5	23	-	-	120	2.1	-	-	-	-	-	
	12/18/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	<1.0	0.18	-	-	8.5	1.6	-	-	-	-	-	
GVP-FR881366	1/4/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1/10/2007	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<0.1	<0.1	<0.1	<5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/17/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<28	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	7/27/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	10/10/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<28	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	1/23/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.1	<0.1	<5.0	<0.2	<28	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	4/15/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<30	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	7/17/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	<29	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	9/4/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<35	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	10/16/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	4.3	<0.1	<0.1	0.1	<5.0	<0.2	<35	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	10/29/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	96.6	84.5	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2010	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	10/19/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8/7/2012	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	<1.0	<1.0	0.109	5.5	2.4	<1.0	<1.0	-	-	-	-	-
10/4/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	<1.0	<1.0	0.064	6.2	1.4	<1.0	<1.0	-	-	-	-	6.3	
1/18/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	1.3	<1	0.528	-	-	8	15.9	-	-	-	-	-	
5/23/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	<1.0	0.62	-	-	2.7	1.8	-	-	-	-	-	
10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	1.4	<1.0	0.18	-	-	1.1	0.85	-	-	-	-	-	
1/15/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GVP-FR881394	1/4/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1/10/2007	-	<0.1	0.1	<0.1	<0.3	0.1	2	<0.1	<0.1	<0.1	25	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1/23/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.1	<0.1	<5.0	<0.2	<29	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	4/17/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<31	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	7/17/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	30	<20	-	-	-	-	-	-	-	-	-	-	-	-	



## HISTORICAL GVP POTABLE WELL AND POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*			5	1,000	700	10,000	NA	20	NA	NA	NA	NA	0.65	47	47	100	100	NA	2,600	2,600	15	15	NA	NA	NA	NA	NA
GVP-FR881394 (cont.)	9/4/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<32	<20	-	-	-	-	-	-	-	-	-	-	-	-
	10/16/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	1.5	<0.1	<0.1	<0.1	<5.0	<0.2	<33	22	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	153	100	-	-	-	-	-	-	-	-	-	-	-	-
	10/19/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/7/2012	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	-	-	-	<1.0	1.8	0.144	5.9	16.5	5.4	6.0	-	-	-	-
	10/4/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	<1.0	<1.0	0.392	11.1	1.8	3.4	5.1	-	-	-	5.8
	1/18/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	<1	<1	0.167	-	-	1.1	1.1	-	-	-	-
	5/23/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	4.6	0.62	-	-	22	32	-	-	-	-
	10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	1.8	<1.0	1.4	-	-	3.8	3.7	-	-	-	-
	1/15/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR941233	1/4/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/10/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	12	0.2	<0.1	0.3	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/19/2007	-	<0.5	<0.7	<0.8	<0.8	<2.8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/17/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	12	0.3	<0.1	0.2	<5.0	<0.2	28	21	-	-	-	-	-	-	-	-	-	-	-	-
	7/27/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	11	0.5	<0.1	0.1	<5.0	<0.2	29	<20	-	-	-	-	-	-	-	-	-	-	-	-
	10/10/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<28	<20	-	-	-	-	-	-	-	-	-	-	-	-
	1/23/2008	-	<1.0	<1.0	<1.0	<3.0	<6.0	970	4.1	<1.0	28	390	<2.0	<28	1,000	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	110	1.3	<0.1	1.6	6.9	<0.2	76	900	-	-	-	-	-	-	-	-	-	-	-	-
	7/17/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.1	<0.1	<5.0	<0.2	33	<20	-	-	-	-	-	-	-	-	-	-	-	-
	9/4/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	2.6	1.8	<0.1	<0.1	<5.0	<0.2	<32	<20	-	-	-	-	-	-	-	-	-	-	-	-
	10/16/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	13	1.8	<0.1	0.2	<5.0	<0.2	<32	47	-	-	-	-	-	-	-	-	-	-	-	-
	1/30/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	7.55	2.37	<0.500	<0.500	<2.500	<0.500	126	<100	-	-	-	-	-	-	-	-	-	-	-	-
	4/10/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	487	3.01	<0.500	10.3	25	<0.500	338	307	-	-	-	-	-	-	-	-	-	-	-	-
	7/17/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	<300	163	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	1.04	<0.500	<0.500	<0.500	<2.500	<0.500	99.2	40.6	-	-	-	-	-	-	-	-	-	-	-	-
	1/15/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	0.66	0.6	<0.500	<0.500	<2.500	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	7/19/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	1.38	<0.500	<0.500	<2.500	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2010	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	-
	1/12/2011	-	<0.5	<0.5	<0.5	<1	<3	698 V8	2.36	<0.5	4.65	43.8	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/5/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/14/2011	-	<0.5	<0.5	<0.5	<1	<3	1.21	1.33	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/12/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	0.71	<0.5	<0.5	<2.5	<0.5	-	-	12.3 B3 L12	-	-	<20	<20	-	-	<15	<500	228,000	<4000	-
	9/27/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	24.2 B3	-	-	27.2	<20	-	-	<15	<500	192,000	<4000	-
	10/19/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	0.92	<0.5	<0.5	<2.5	<0.5	-	-	5.05 L12	-	-	<20	<20	-	-	<15	<500	228,000	<4000	-
	11/15/2011	-	<0.5	<0.5	<0.5	<1	<3	1.59 V8	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1	-	-	<20	<20	-	-	<15	<500	146,000	5,000	-
	1/12/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	13.2	-	-	<20	<10	-	-	<15	<500	182,000	<4000	-
	4/5/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	0.91	<0.5	<0.5	<2.5	<0.5	-	-	10.4	-	-	<20	<20	-	-	<15	<500	162,000	<4000	-
	7/18/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	7.37	-	-	<20	<20	-	-	<15	<500	278,000	<4000	-
	8/7/2012	-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.500	<0.500	<0.500	<2.500	<0.500	-	-	5.7	6.6	4.68	8.4	1.9	6.1	4.9	<15	<500	178,000	<4000	-
10/4/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	1.9	3.5	2.36	28.1	3.5	37.5	4.6	-	-	-	-	6.2	
1/18/2013	-	<0.5	<0.5	<0.5	<1	<3	1.03	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	3.2	2.9	2.85	-	-	2.5	1.1	-	-	-	-	-	



HISTORICAL GVP POTABLE WELL AND POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH	
GW Clean-up Standards*			5	1,000	700	10,000	NA	20	NA	NA	NA	NA	0.65	47	47	100	100	NA	2,600	2,600	15	15	NA	NA	NA	NA	NA	
GVP-FR941233 (cont.)	4/24/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	1.4	5.0	4.3	-	-	26	4.9	-	-	-	-	-	
	7/24/2013	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	0.89	<0.5	<0.5	<2.5	<0.5	-	-	3.2	3.5	3.3	-	-	1.7	0.95	-	-	-	-	-	
	1/15/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	0.64	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	92.6	1.13	<0.500	2.32	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7/9/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/30/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	2.1	1.5	1.4	-	-	1.6	2.2	-	-	-	-	-	
GVP-FR941281 (DUP)	7/18/2012	-	<0.5	<0.5	<0.5	<1	<3	2.08	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GVP-FR941281	1/4/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1/10/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1/19/2007	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/17/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.1	<0.1	<5.0	<0.2	<28	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	7/27/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	11	1.7	<0.1	<0.1	<5.0	<0.2	35	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	10/10/2007	-	<0.1	<0.1	<0.1	<0.3	<0.6	4.5	2.8	<0.1	<0.1	<5.0	<0.2	<28	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	1/23/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	9.5	0.9	<0.1	<0.1	<5.0	<0.2	<29	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	4/15/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.1	<0.1	<0.1	<5.0	<0.2	81	530	-	-	-	-	-	-	-	-	-	-	-	-	
	7/17/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	11	0.2	<0.1	<0.1	<5.0	<0.2	<29	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	9/4/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	11	0.4	<0.1	0.2	<5.0	<0.2	<31	<20	-	-	-	-	-	-	-	-	-	-	-	-	
	10/16/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	17	0.2	<0.1	0.5	<5.0	<0.2	<33	24	-	-	-	-	-	-	-	-	-	-	-	-	
	1/30/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	10.1	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	4/10/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	6.77	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	7/17/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	9.34	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	10/29/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	16.7	<0.500	<0.500	<0.500	<2.50	<0.500	103	139	-	-	-	-	-	-	-	-	-	-	-	-	
	1/15/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	1.23	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	4/15/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	6.85	<0.500	<0.500	<0.500	3.59	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	7/19/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	5.1	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2010	-	<0.5	<0.5	<0.5	<1	<3	1.52 D1 V8	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	
	1/12/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/5/2011	-	<0.5	<0.5	<0.5	<1	<3	6.87	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7/14/2011	-	<0.5	<0.5	<0.5	<1	<3	11.7	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9/12/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	1.62 B3 L12	-	-	31 L12	<20	-	-	<15	<500	124,000	<4000	-	
	9/27/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1	-	-	<20	<20	-	-	<15	<500	132,000	<4000	-	
	10/19/2011	-	<0.5	<0.5	<0.5	<1	<3	1.2	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	1.4 L12	-	-	<20	<20	-	-	<15	<500	130,000	<4000	-	
	11/15/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	0.67	<0.5	<0.5	<2.5	<0.5	-	-	19.6	-	-	25,000	<20	-	-	<15	<500	58,000	7,000	-	
	1/12/2012	-	<0.5	<0.5	<0.5	<1	<3	1.63	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1	-	-	<20	<10	-	-	<15	<500	162,000	<4000	-	
	4/5/2012	-	<0.5	<0.5	<0.5	<1	<3	0.87	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1	-	-	25.2	<20	-	-	<15	<500	228,000	5,000	-	
	7/18/2012	-	<0.5	<0.5	<0.5	<1	<3	1.96	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1	-	-	<20	<20	-	-	<15	<500	190,000	<4000	-	
8/7/2012	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	<1.0	<1.0	0.657	32.3	6.5	4.5	8.8	<15	<500	200,000	<4000	-		
10/4/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	0.260	28.3	2.2	6.8	1.9	-	-	-	-	6.5		
1/18/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1	<1	0.021	-	-	<1	<1	-	-	-	-	-		
4/24/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	1.4	<1.0	0.89	-	-	4.2	1.3	-	-	-	-	-		
7/24/2013	-	<0.500	<0.500	<0.500	<1.00	<2.50	3.92	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	1.53	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	0.031	-	-	0.51	0.58	-	-	-	-	-		



**HISTORICAL GVP POTABLE WELL AND POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*			5	1,000	700	10,000	NA	20	NA	NA	NA	NA	0.65	47	47	100	100	NA	2,600	2,600	15	15	NA	NA	NA	NA	NA
GVP-FR941281 (cont.)	1/15/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/9/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	1.16	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/30/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	2.39	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-INF	3/28/2006	-	<0.1	<0.1	<0.1	<0.2	<0.5	14	0.1	<0.1	0.3	<5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/19/2006	-	<0.1	0.1	<0.1	<0.3	0.1	42	0.4	<0.1	0.5	6.8	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/6/2006	-	<0.1	<0.1	<0.1	<0.3	<0.6	24	0.7	<0.1	0.3	5.1	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/5/2007	-	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	<0.1	<0.1	<0.1	<5	<0.2	<28	<20	-	-	-	-	-	-	-	-	-	-	-	-
	2/20/2008	-	<0.2	<0.2	<0.2	<0.6	<1.2	74	0.4	<0.2	1.5	66	<0.4	83	82	-	-	-	-	-	-	-	-	-	-	-	-
	9/4/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	10	0.2	<0.1	0.2	5.6	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/8/2008	-	<0.1	0.2	<0.1	<0.3	0.2	50	0.5	<0.1	1.4	29	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/17/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	3.8	<0.1	<0.1	<0.1	<5.0	<0.2	<32	<20	-	-	-	-	-	-	-	-	-	-	-	-
	10/16/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	6.8	<0.1	<0.1	0.2	<5.0	<0.2	<33	<20	-	-	-	-	-	-	-	-	-	-	-	-
	12/29/2008	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	-	300.00	<100	-	-	-	-	-	-	-	-	-	-	-	-
	1/30/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	2.46	<0.500	<0.500	<0.500	<2.50	<0.500	130	<100	-	-	-	-	-	-	-	-	-	-	-	-
	3/18/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	14	<0.500	<0.500	<0.500	6.37	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	4/10/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	7.72	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	5/19/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	1.41	<0.500	<0.500	<0.500	<2.50	-	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	6/5/2009	-	<1.00	<1.00	<1.00	<1.00	<4.00	2	<1.00	<1.00	<1.00	<5.00	<1.00	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	7/16/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	3.87	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	8/12/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	3.33	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	9/4/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	3.17	<0.500	<0.500	<0.500	<2.50	<0.500	108	41.9	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	64.4	44.8	-	-	-	-	-	-	-	-	-	-	-	-
	11/6/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	86.2	41	-	-	-	-	-	-	-	-	-	-	-	-
	12/4/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	11.6	<0.500	<0.500	<0.500	<2.50	<0.500	<345	<100	-	-	-	-	-	-	-	-	-	-	-	-
	1/25/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	0.86	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	2/9/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	0.69	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	3/1/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	2.76	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	0.94	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	5/10/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	1	<0.500	<0.500	<0.500	<2.50	-	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	6/7/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	1.21	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	7/19/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	5.26	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2010	-	<0.5	<0.5	<0.5	<1	<3	2.96	<0.5	<0.5	<0.5	<2.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/11/2011	-	<0.5	<0.5	<0.5	<1	<3	73.8	1.00	<0.5	1.46	20	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/5/2011	-	<0.5	<0.5	<0.5	<1	<3	1.16	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/14/2011	-	<0.5	<0.5	<0.5	<1	<3	12.2	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/19/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1/12/2012	-	<0.5	<0.5	<0.5	<1	<3	0.92	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4/17/2012	-	<0.5	<0.5	<0.5	<1	<3	1.22	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/18/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8/7/2012	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	<1.0	<1.0	0.210	16.2	3.3	<1.0	<1.0	<15	<500	404,000	5,000	
10/4/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	10.0	<1.0	0.062	54.9	4.1	<1.0	<1.0	-	-	-	-	
1/17/2013	-	<0.5	<0.5	<0.5	<1	<3	4.99	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	<1.0	<1.0	0.221	-	-	<1.0	<1.0	-	-	-	-	
4/24/2013	-	<0.5	<0.5	<0.5	<1	<3	7.46	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	<1.0	<1.0	0.056	-	-	<0.5	0.55	-	-	-	-	



**HISTORICAL GVP POTABLE WELL AND POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*			5	1,000	700	10,000	NA	20	NA	NA	NA	NA	0.65	47	47	100	100	NA	2,600	2,600	15	15	NA	NA	NA	NA	NA
GVP-INF (cont.)	5/8/2013	-	<0.5	<0.5	<0.5	<1	<3	4.91	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/24/2013	-	<0.500	<0.500	<0.500	<1.00	<2.50	2.71	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	0.950	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	0.054	-	-	0.59	0.52	-	-	-	-	-
	1/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	2.10	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/30/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	1.95	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-INF (DUP)	1/11/2011	-	<0.500	<0.500	<0.500	<1.00	<2.50	63.5	0.850	<0.500	1.29	17.1	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/14/2011	-	<0.5	<0.5	<0.5	<1	<3	12.3	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-MID	9/4/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/8/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/17/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	41	<20	-	-	-	-	-	-	-	-	-	-	-	-
	10/3/2008	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/16/2008	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<35	<20	-	-	-	-	-	-	-	-	-	-	-	-
	12/29/2008	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	-	300.00	<100	-	-	-	-	-	-	-	-	-	-	-	-
	1/30/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<600	<100	-	-	-	-	-	-	-	-	-	-	-	-
	3/18/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	4/10/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	5/19/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	-	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	6/5/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	7/16/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	8/12/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	9/4/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	83.6	33.8	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	110	52	-	-	-	-	-	-	-	-	-	-	-	-
	11/6/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	57.6	46	-	-	-	-	-	-	-	-	-	-	-	-
	12/4/2009	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<360	<100	-	-	-	-	-	-	-	-	-	-	-	-
	1/25/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	2/9/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	3/1/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	5/10/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	-	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	6/7/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-
	7/19/2010	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2010	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-
	1/11/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/5/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/14/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/19/2011	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1/12/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4/17/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/18/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/4/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	



## HISTORICAL GVP POTABLE WELL AND POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH	
GW Clean-up Standards*			5	1,000	700	10,000	NA	20	NA	NA	NA	NA	0.65	47	47	100	100	NA	2,600	2,600	15	15	NA	NA	NA	NA	NA	
GVP-MID (cont.)	1/17/2013	-	<0.5	<0.5	<0.5	<1	<3	3.8	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/24/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5/8/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7/24/2013	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.500	<0.500	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/8/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/30/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	1.03	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2014	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GVP-EFF  CARBON CHANGE	9/4/2008	0	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/8/2008		10,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9/17/2008		26,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<31	<20	-	-	-	-	-	-	-	-	-	-	-	-	
10/3/2008		57,000	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/16/2008		82,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<33	<20	-	-	-	-	-	-	-	-	-	-	-	-	
12/29/2008		216,000	<0.50	<0.50	<0.50	<0.50	<2.00	<0.500	<0.500	<0.500	<0.500	<2.50	-	<300.0	<100	-	-	-	-	-	-	-	-	-	-	-	-	
1/30/2009		264,000	<0.50	<0.50	<0.50	<0.500	<2.00	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
3/18/2009		341,000	<0.50	<0.50	<0.50	<0.500	<2.00	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
4/10/2009		382,000	<0.50	<0.50	<0.50	<0.500	<2.00	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
5/19/2009		445,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	-	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
6/5/2009		472,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
7/16/2009		560,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
8/12/2009		620,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
9/4/2009		681,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	65.6	42.2	-	-	-	-	-	-	-	-	-	-	-	-	
10/29/2009		827,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	89.8	121	-	-	-	-	-	-	-	-	-	-	-	-	
11/6/2009		845,402	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	86.1	70.7	-	-	-	-	-	-	-	-	-	-	-	-	
12/4/2009		922,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<390	<100	-	-	-	-	-	-	-	-	-	-	-	-	
1/15/2010		1,085,245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/25/2010		1,101,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
2/9/2010		1,121,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
3/1/2010		1,156,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
4/15/2010		1,233,744	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
5/10/2010		1,277,037	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	-	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
6/7/2010		1,324,844	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	<100	-	-	-	-	-	-	-	-	-	-	-	-	
7/19/2010		1,324,844	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/25/2010		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	
1/11/2011		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4/5/2011		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/14/2011		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/19/2011		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1/12/2012		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4/17/2012		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/18/2012		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8/7/2012	NR	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	<1.0	<1.0	0.758	29.2	4.6	<1.0	<1.0	<15	<500	314,000	<4000	-	

## HISTORICAL GVP POTABLE WELL AND POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH	
GW Clean-up Standards*			5	1,000	700	10,000	NA	20	NA	NA	NA	NA	0.65	47	47	100	100	NA	2,600	2,600	15	15	NA	NA	NA	NA	NA	
CARBON CHANGE	10/4/2012	NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1/17/2013	3,597,746	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3/19/2013	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/24/2013	NR	<0.5	<0.5	<0.5	<1	<3	10.4 QA	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5/8/2013	3,826,660	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7/24/2013	3,998,139	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2013	4,231,797	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/8/2014	4,383,575	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/8/2014	4,809,947	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/8/2014	5,141,448	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/30/2014	5,398,392	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/17/2014	5,436,260	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GVP-POU	10/4/2012	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	0.222	2.0	2.5	<1.0	<1.0	-	-	-	-	7.1	
	1/17/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	<0.020	-	-	<1.0	<1.0	-	-	-	-	-	
	4/24/2013	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	<0.03	-	-	<0.5	<0.5	-	-	-	-	-	
	10/18/2013	-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	<0.03	-	-	<0.5	<0.5	-	-	-	-	-	
10/30/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	<1.0	0.041	-	-	<0.5	0.74	-	-	-	-	-		

\* GW Clean-up Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers, except for TPH-GRO and TPH-DRO, which are Residential Clean-up Standards for Groundwater.

<# = Less than the method detection limit of #

µg/L = Micrograms per liter

B3 = The prep blank associated with this sample had a result greater than the Method Reporting Limit (MRL). Data may be biased high.

BTEX = Benzene, toluene, ethylbenzene, xylenes

D1 = The Relevant Percent Difference (RPD) result exceeded the Quality Control (QC) control limits for the duplicate sample analyzed.

EFF = Effluent sample location

gal = Gallons

GVP = Green Valley Plaza

INF = Influent sample location

L12 = The prep method Laboratory Control Sampling (LCS) spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC.

mg/L = Milligrams per liter

M1 = Matrix spike recovery was high; the associated blank spike recovery was acceptable.

MID = Midfluent sample location

MTBE = Methyl Tertiary Butyl Ether

NR = Not recorded

POET = Point of Entry Treatment

POU = Point-of-use sample location

QA = The RPD result exceeded the QC control limits for the duplicate sample analyzed.

NA = Not Available or Not Analyzed for that specific compound

TDS = Total Dissolved Solids

TSS = Total Suspended Solids

TOC = Total Organic Carbons

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

**HISTORICAL GVP POTABLE WELL AND POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
<b>GW Clean-up Standards*</b>			<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.65</b>	<b>47</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>NA</b>	<b>2,600</b>	<b>2,600</b>	<b>15</b>	<b>15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

V8 = LCS value was outside the QC range. Data accepted based on acceptable check standard.



Table 6

## HISTORICAL GVSC POTABLE WELL DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Tetrachloroethene (µg/L)	Tetrahydrofuran (µg/L)	Acetone (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)		
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	0.65	47	47	5	NA	550	100	100	NA	15	15		
GVSC-FR734918	4/5/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	-	<0.1	<5.0	<0.2	<28	<20	0.1	<2.0	<3.0	-	-	-	-	-	-	
	7/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	-	<0.1	<5.0	<0.2	<28	<20	<0.1	<2.0	<3.0	-	-	-	-	-	-	
	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	-	<0.1	<5.0	<0.2	<28	<20	<0.1	<2.0	<3.0	-	-	-	-	-	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	-	<0.1	<5.0	<0.2	<29	<20	0.1	<2.0	<3.0	-	-	-	-	-	-	
	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	-	<0.1	<5.0	<0.2	<28	<20	<0.1	<2.0	<3.0	-	-	-	-	-	-	
	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	-	<0.1	<5.0	<0.2	33	<20	<0.1	<2.0	<3.0	-	-	-	-	-	-	
	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	-	<0.1	<5.0	<0.2	<34	<20	<0.1	<2.0	<3.0	-	-	-	-	-	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<750	33.3	<0.500	-	-	-	-	-	-	-	-	-
	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-	-
	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	44.9	43.9	<0.500	-	-	-	-	-	-	-	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-	-
	4/15/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-	-
	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-	-
	10/26/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	-	<0.5	<2.5	<0.5	-	<100	<0.5	-	-	-	-	-	-	-	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	-	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	-	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-
	10/20/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-
	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-
	7/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-
	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	<1.0	<1.0	<0.020	1.3	1.3	-	
	10/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-
1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-	
4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-	
7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-	-	
10/18/2013	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<1.00	-	-	<1.00	-	-	-	-	-	-	-	-	-	
1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	<0.500	-	-	-	-	-	-	-	-	-	
4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	<0.500	-	-	-	-	-	-	-	-	-	
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	<0.500	-	-	-	-	-	-	-	-	-	
GVSC-FR736674	4/5/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.1	-	<0.1	<5.0	<0.2	<27	<20	0.1	<2.0	<3.0	-	-	-	-	-	-	
	7/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.1	-	<0.1	<5.0	<0.2	<28	<20	0.1	<2.0	<3.0	-	-	-	-	-	-	
	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	0.2	<0.1	-	<0.1	<5.0	<0.2	<28	<20	0.1	<2.0	<3.0	-	-	-	-	-	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	-	<0.1	<5.0	<0.2	<29	<20	0.1	<2.0	<3.0	-	-	-	-	-	-	
	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	-	<0.1	<5.0	<0.2	<29	<20	<0.1	<2.0	<3.0	-	-	-	-	-	-	
	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	-	<0.1	<5.0	<0.2	36	<20	<0.1	<2.0	<3.0	-	-	-	-	-	-	
	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.1	-	<0.1	<5.0	<0.2	<33	<20	<0.1	<2.0	<3.0	-	-	-	-	-	-	

## HISTORICAL GVSC POTABLE WELL DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Tetrachloroethene (µg/L)	Tetrahydrofuran (µg/L)	Acetone (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	0.65	47	47	5	NA	550	100	100	NA	15	15	
GVSC-FR736674 (cont.)	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	33.2	<0.500	-	-	-	-	-	-	-	-
	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-
	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	33.4	39.5	<0.500	-	-	-	-	-	-	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-
	4/15/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-
	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-
	10/26/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	-	<0.5	<2.5	<0.5	-	<100	<0.5	-	-	-	-	-	-	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	-	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	-	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	10/20/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	7/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	<1.0	<1.0	0.025	<1.0	<1.0	
	10/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	<0.5	-	-	-	-	-	-	-	-
10/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	<0.500	-	-	-	-	-	-	-	-	
1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	<0.500	-	-	-	-	-	-	-	-	
4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	<0.500	-	-	-	-	-	-	-	-	
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	<0.500	-	-	-	-	-	-	-	-	
GVSC-FR737687**	4/17/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.3	6.3	<0.1	-	<0.1	<5.0	<0.2	<27	<20	1.4	<2.0	<3.0	-	-	-	-	-	-
	7/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	3.6	<0.1	-	<0.1	<5.0	<0.2	<28	<20	1.2	<2.0	<3.0	-	-	-	-	-	-
	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	3.9	<0.1	-	<0.1	<5.0	<0.2	<28	<20	1.3	<2.0	<3.0	-	-	-	-	-	-
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	1.2	<0.1	-	<0.1	<5.0	<0.2	<28	<20	0.9	2.8	<3.0	-	-	-	-	-	-
	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	4.8	<0.1	-	<0.1	<5.0	<0.2	<29	<20	1.3	<2.0	<3.0	-	-	-	-	-	-
	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	7.2	10	<0.1	-	<0.1	<5.0	<0.2	39	23	1	<2.0	<3.0	-	-	-	-	-	-
	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	3	<0.1	-	<0.1	<5.0	<0.2	37	<20	1	9.2	3.1	-	-	-	-	-	-
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	1.03	<0.500	<2.50	<0.500	<2.50	<0.500	<300	35.2	<0.500	-	-	-	-	-	-	-	-
	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1.37	1.19	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	0.96	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	<0.500	-	-	-	-	-	-	-	-
	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1.09	5.06	<0.500	<2.50	<0.500	<2.50	<0.500	60.8	49.5	0.63	-	-	-	-	-	-	-	-
	12/4/2009	<0.500	<0.500	<0.500	<0.500	<2.000	0.51	5.74	<0.500	<2.50	<0.500	<2.50	<0.500	<315	<100	0.82	-	-	-	-	-	-	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	5.9	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	1.11	-	-	-	-	-	-	-	-
	4/15/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	3.7	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	0.99	-	-	-	-	-	-	-	-



Table 6

### HISTORICAL GVSC POTABLE WELL DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Tetrachloroethene (µg/L)	Tetrahydrofuran (µg/L)	Acetone (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	0.65	47	47	5	NA	550	100	100	NA	15	15	
GVSC-FR737687** (cont.)	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	1.67	<0.500	<2.50	<0.500	<2.50	<0.500	<300	<100	0.89	-	-	-	-	-	-	-	-
	10/26/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	1.81	<0.5	-	<0.5	<2.5	<0.5	-	<100	0.99 V4	-	-	-	-	-	-	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	1.5	<0.5	-	<0.5	<2.5	<0.5	-	-	1.1	-	-	-	-	-	-	-	-
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	1.84	<0.5	-	<0.5	<2.5	<0.5	-	-	0.83	-	-	-	-	-	-	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	1.57	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	1.49	-	-	-	-	-	-	-	-
	10/20/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	1.33	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	1.29	-	-	-	-	-	-	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	0.81	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	0.94	-	-	-	-	-	-	-	-
	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	0.78	-	-	-	-	-	-	-	-
	7/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	0.62 VH	-	-	-	-	-	-	-	-
	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	1.48	-	-	4.4	3.6	<0.020	20.6	20.1	
	10/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	0.89	-	-	-	-	-	-	-	-
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	1.43 VH	-	-	-	-	-	-	-	-
	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	1.41	-	-	-	-	-	-	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	1.2 BB	-	-	-	-	-	-	-	-
	10/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	1.17	-	-	-	-	-	-	-	-
1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500 2b	-	-	1.49	-	-	-	-	-	-	-	-	
4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500 2b	-	-	1.05	-	-	-	-	-	-	-	-	
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<2.50	<0.500	<2.50	<0.500	-	-	1.24	-	-	-	-	-	-	-	-	
GVSC-FR737687** (DUP)	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	-	-	-	-	<0.5	-	-	1.42	-	-	-	-	-	-	-	
	10/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<0.5	-	-	1.17	-	-	-	-	-	-	-	

\* GW Clean-up Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers, except for TPH-GRO and TPH-DRO, which are Residential Clean-up Standards for Groundwater.

\*\*Well number GVSC-FR737687 was previously misidentified as well number GVSC-FR731687, based on a correspondence with the MDE dated February 18, 2014.

<# = Less than the method detection limit of #

µg/L = Micrograms per liter

2b = The spike recovery was outside acceptance limits for the MS and/or MSD.

BB = The method blank result was at or above the MRL (Method Reporting Limit), therefore sample results may be biased high.

GVSC = Green Valley Shopping Center

MTBE = Methyl Tertiary Butyl Ether

NA = Not Available or Not Analyzed for that specific compound

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

V4 = Check standard was outside the Quality Control (QC) range. Data accepted based on acceptable Laboratory Control Sampling (LCS).

VH = LCS value was outside the QC range. Data accepted based on acceptable check standard.

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3923-ROSE-INF	4/6/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	170	<5.0	1.5	<0.1	-	4.9	-
	5/21/2007	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	4.2	<5	1.3	<0.1	-	<0.1	-
	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	76	<5.0	2.5	<0.1	-	0.5	-
	7/18/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	360	5.7	<2.0	-	27	-
	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	13	<0.1	<0.1	-	<0.1	-
	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	31	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	100	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	-	<2.5	<2.5	<2.5	<7.5	<15.0	2,600	1,200	12	<2.5	-	68	-
	1/23/2008	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	2,200	930	10	<2.0	-	71	-
	2/13/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	520	6.8	<1.0	-	45	-
	3/12/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	400	5.8	<1.0	-	33	-
	4/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	54	5.1	1	<0.1	-	0.6	-
	5/5/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	6.5	<5.0	0.2	<0.1	-	0.1	-
	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	7.3	<5.0	0.5	<0.1	-	<0.1	-
	7/16/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	320	32	3.2	<0.5	-	4	-
	8/20/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	610	160	3.9	<0.5	-	16	-
	9/17/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	420	6.8	<0.5	-	31	-
	10/15/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	810	250	5.4	<0.5	-	24	-
	11/19/2008	-	-	1	<0.5	<0.5	<1.5	1	2,200	1,100	15	<0.5	-	65	-
	12/10/2008	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	2,300	1,100	13	<2.0	-	62	-
	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	613	99	-	-	-	-	-
	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	642	121	4.41	<0.500	10.4	10.9	-
	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	631	149	-	-	-	-	-
	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	503	55.3	4.39	<0.500	<2.50	8.11	-
	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,480	806	12.8	<0.500	66.8	38.1	-
	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	2,600	1,190	10.7	<0.500	48.5	40.2	-
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	48	16.6	2	<0.500	<2.50	<0.500	-
	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,160	230	7.44	<0.500	23.3	18.2	-
	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	6.52	<2.50	0.98	<0.500	<2.50	<0.500	-
	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	2.24	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	12.4	<2.50	2.44	<0.500	<2.50	<0.500	-
	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	14.9	<2.5	2.73	<0.5	-	<0.5	-
	1/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	609	101	6.68	<0.5	-	8.5	-

Table 7

**HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3923-ROSE-INF (Cont.)	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	87.1	<2.5	<0.5	<0.5	-	<0.5	-
	7/13/2011	-	-	<0.5	<0.5	<0.5	<1	<3	11.3	<2.5	2.57	<0.5	<2.5	<0.5	-
	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	20.2	<2.5	3.3	<0.5	<2.5	<0.5	-
	9/30/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2.81	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	0.86	<2.5	0.99	<0.5	<2.5	<0.5	-
	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2.53 V8	<2.5	<0.5	<0.5	<2.5	<0.5	-
	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1.91	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	0.99	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	0.58	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.06	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/8/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.950	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.5
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	1.44	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.12	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.51	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.82	<2.50	<0.500	<0.500	<2.50	<0.500	-
	2/1/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	2.91	<2.50	<0.500	<0.500	<2.50	<0.500	-
4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.65	<2.50	<0.500	<0.500	<2.50	<0.500	-	
7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.510	<2.50	<0.500	<0.500	<2.50	<0.500	-	
10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.800	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3923-ROSE-MID2	5/21/2007	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	-	<0.1	-
	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/18/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/23/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	11	<0.1	<0.1	-	<0.1	-

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3923-ROSE-MID2 (Cont.)	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	42	<0.1	<0.1	-	<0.1	-
	4/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	420	<0.1	<0.1	-	<0.1	-
	5/5/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	560	<0.1	<0.1	-	<0.1	-
	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/10/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-
	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-
	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	14.7	<0.500	<0.500	<2.50	<0.500	-
	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	37.6	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	14.8 V8	<0.5	<0.5	-	<0.5	-
	1/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	7/13/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1.53	<2.5	<0.5	<0.5	<2.5	<0.5	-
10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
1/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
7/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.8	
1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3923-ROSE-MID2 (Cont.)	10/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	32	188	<0.500	<0.500	40.3	<0.500	-
	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	31.4	198	<0.500	<0.500	23.9	<0.500	-
	2/1/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-EFF	5/21/2007	-	700	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	-	<0.1	-
	6/13/2007	-	2,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/18/2007	-	5,500	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/8/2007	-	7,390	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	12,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/10/2007	-	12,800	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	14,800	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	16,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/23/2008	-	20,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	2/13/2008	-	22,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	3/12/2008	-	24,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	4/17/2008	-	27,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/5/2008	-	28,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/13/2008	CARBON CHANGE	32,600	-	-	-	-	-	-	-	-	-	-	-	-
	6/18/2008	-	33,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/16/2008	-	36,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/20/2008	-	40,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/17/2008	-	43,500	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/15/2008	-	45,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/19/2008	-	49,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/10/2008	-	52,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/29/2008	-	53,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-
	1/14/2009	-	55,200	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
1/30/2009	-	56,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-	
2/11/2009	-	57,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3/18/2009	-	60,400	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3923-ROSE-EFF (Cont.)	4/8/2009	-	62,200	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	6/13/2009	CARBON CHANGE	75,000	-	-	-	-	-	-	-	-	-	-	-	-
	7/15/2009	-	82,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/7/2009	-	94,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/13/2010	-	102,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/14/2010	-	112,400	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	122,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/26/2010	-	132,400	<0.5	<0.5	<0.5	<1	<3	<0.5	14.1 V8	<0.5	<0.5	-	<0.5	-
	11/19/2010	CARBON CHANGE	133,500	-	-	-	-	-	-	-	-	-	-	-	-
	1/10/2011	-	139,345	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	7/13/2011	-	150,310.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/19/2011	CARBON CHANGE	153,900	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2011	-	157,097.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/12/2012	-	161,400.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/3/2012	-	166,200	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/14/2012	-	171,090.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/16/2012	-	172,300	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/8/2012	-	173,800	-	-	-	-	-	-	-	-	-	-	-	-
	10/4/2012	-	178,300	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.9
	12/10/2012	CARBON CHANGE	184,100	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2013	-	190,106	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/23/2013	-	208,678.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/24/2013	-	229,229.3	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
10/18/2013	-	240,863.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
12/6/2013	CARBON CHANGE	243,600.0	-	-	-	-	-	-	-	-	-	-	-	-	
1/9/2014	-	245,141.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	230	<0.500	<0.500	<2.50	<0.500	-	
1/24/2014	CARBON CHANGE	245,800.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	222	<0.500	<0.500	<2.50	<0.500	-	
2/1/2014	-	246,208.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
4/8/2014	-	249,300.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
7/8/2014	-	255,952	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
10/30/2014	-	261,642	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3923-ROSE-POU	8/8/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3923-ROSE-POU (Cont.)	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.9
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3990-FARM-INF	5/1/2007	-	-	0.4	ND	ND	0.2	1	1,100	590	6.2	ND	-	33	-
	5/16/2007	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	770	440	4.5	<0.3	-	25	-
	6/21/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	590	5.8	<1.0	-	33	-
	7/18/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,500	720	5.7	<2.0	-	34	-
	8/8/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	500	5.8	<1.0	-	44	-
	9/26/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	950	470	4.7	<2.0	-	24	-
	10/10/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	560	5.9	<2.0	-	33	-
	11/14/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	520	6.6	<1.0	-	36	-
	12/19/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,300	730	6.5	<2.0	-	37	-
	1/23/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	530	5.4	<1.0	-	40	-
	2/13/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	610	5.7	<1.0	-	42	-
	3/12/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	510	5.6	<1.0	-	38	-
	4/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	920	580	5.4	<1.0	-	28	-
	5/21/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	920	610	4.8	<1.0	-	30	-
	6/26/2008	-	-	<5.0	<5.0	<5.0	<15	<30	1,100	540	<5.0	<5.0	-	28	-
	7/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	510	5.6	<1.0	-	29	-
	8/20/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	520	4.7	<1.0	-	31	-
	9/25/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,300	620	6.8	<0.5	-	36	-
	10/15/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	450	5.9	<1.0	-	33	-
	11/19/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,900	770	9.3	<1.0	-	45	-
	12/11/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	620	7.6	<1.0	-	35	-
	1/14/2009	-	-	0.82	<0.500	<0.500	<0.500	0.82	1,520	607	8.62	<0.500	89.6	39.7	-
	2/11/2009	-	-	0.89	<0.500	<0.500	<0.500	0.89	2,090	838	10.5	<0.500	77.6	43.1	-
	3/18/2009	-	-	0.77	<0.500	<0.500	<0.500	0.77	1,580	937	11.7	<0.500	65.7	38.3	-
	4/8/2009	-	-	0.93	<0.500	<0.500	<0.500	0.93	2,810	1,100	10.6	<0.500	77	48.3	-
	7/15/2009	-	-	0.85	<0.500	<0.500	<0.500	0.85	1,380	913	12.4	<0.500	102	40.8	-
10/7/2009	-	-	0.58	<0.500	<0.500	<0.500	0.58	1,420	675	9.67	<0.500	80.7	30.1	-	
1/13/2010	-	-	0.51	<0.500	<0.500	<0.500	0.51	1,260	485	7.47	<0.500	53	27.6	-	
4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,050	483	7.41	<0.500	45	24.4	-	

Table 7

**HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3990-FARM-INF (Cont.)	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2,000	1,770	350	8.39	<0.500	45.8	22	-
	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	1,890	571	8.99	<0.5	-	27.5	-
	12/8/2010	-	-	<0.5	<0.5	<0.5	<1	<3	2,640	579	13	<0.5	-	38.4	-
	1/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	4,390 V8	596	11.1	<0.5	-	30.1	-
	2/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2,870	500	10.1	<0.5	-	33.8	-
	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2,020	204	8.38	<0.5	-	24.3	-
	5/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,350	319	7.28	<0.5	-	19.4	-
	6/7/2011	-	-	<0.5	<0.5	<0.5	<1	<3	563	308	6.38	<0.5	11	7.87	-
	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,920	1,830 V8	9.77	<0.5	78.8 V8	31.3	-
	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	588	247	5.46	<0.5	34.4	15.6	-
	9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	722	658	5.16	<0.5	49.1 V8	19	-
	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	526	262	4.77	<0.5	24.6	13.9	-
	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	642 V8	346	5.87	<0.5	17.8	12.3	-
	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	568	322	5.38	<0.5	30.4	16.6	-
	4/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	554	84.8 VH	4.75	<0.5	4.35 VH	8.04	-
	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	430	102 VH	3.74	<0.5	10.8	7.96	-
	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	510 QK	306	4.59	<0.5	26.9	14.4	-
	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	749	396	5.01	<0.5	30.3	14.2	-
	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	555	223	<0.5	<0.5	20.8	13.6	5.6
	1/16/2013	-	-	<0.5	<0.5	<0.5	<1	<3	688	309	5.01	<0.5	25.2	17.6	-
	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	383 QK	88.9	3.51	<0.5	6.73	6.89	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	305 QK	79.3	3.01	<0.5	4.3	5.91	-
	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	619	106	3.76	<0.5	6.41	7.01	-
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	324	83.9	3.93	<0.500	6.22	6.50	-
	11/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	333	110	2.93	<0.500	9.36	6.51	-
	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	199	134	3.81	<0.500	10.7	7.84	-
1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	314	97.5	2.85	<0.500	7.56	6.13	-	
5/21/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	160	5.00	1.78	<0.500	<2.50	3.58	-	
7/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	126	<2.50	1.82	<0.500	<2.50	3.19	-	
10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	175	22.8	2.33	<0.500	<2.50	3.69	-	
3990-FARM-MID2	5/16/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/21/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/18/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-



Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH	
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	
3990-FARM-MID2 (Cont.)	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	16	<0.1	<0.1	-	<0.1	-	
	1/23/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	62	<0.1	<0.1	-	<0.1	-	
	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	110	<0.1	<0.1	-	<0.1	-	
	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	31	<0.1	<0.1	-	<0.1	-	
	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	8.7	<0.1	<0.1	-	<0.1	-	
	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	6/26/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	12	<0.1	<0.1	-	<0.1	-	
	9/25/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	54	<0.1	<0.1	-	<0.1	-	
	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	110	<0.1	<0.1	-	<0.1	-	
	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	12/11/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	1/14/2009	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	2/11/2009	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/18/2009	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2009	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	14.4	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	839	<0.500	<0.500	<2.50	<0.500	-
	10/7/2009	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/13/2010	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/14/2010	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	377	<0.500	<0.500	<2.50	<0.500	-
	10/26/2010	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	12/8/2010	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	1/12/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	2/8/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	31.9	<0.5	<0.5	-	<0.5	-
4/4/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	
5/12/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	
6/7/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
7/12/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3990-FARM-MID2 (Cont.)	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	13.2	<0.5	<0.5	<2.5	<0.5	-
	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	10.2	<0.5	<0.5	<2.5	<0.5	-
	4/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	7.19	<0.5	<0.5	<2.5	<0.5	-
	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	91.2	<0.5	<0.5	<2.5	<0.5	5.8
	1/16/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	19.3	<0.5	<0.5	<2.5	<0.5	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	6.93	<0.5	<0.5	<2.5	<0.5	-
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	11/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	5/21/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3990-FARM-EFF	5/16/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/21/2007	-	4,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/18/2007	-	6,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/8/2007	-	9,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	12,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/10/2007	-	14,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	17,800	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	20	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	20,500	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/23/2008	-	23,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	2/13/2008	-	25,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	2/27/2008	-	26,500	-	-	-	-	-	-	-	-	-	-	-	-
	3/12/2008	-	27,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	4/16/2008	-	30,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/21/2008	-	33,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/26/2008	-	34,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3990-FARM-EFF (Cont.)	7/16/2008	-	38,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/20/2008	-	41,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/25/2008	-	44,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	5.3	<0.1	<0.1	-	<0.1	-
	10/15/2008	-	46,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	8.8	<0.1	<0.1	-	<0.1	-
	10/23/2008	CARBON CHANGE	86,150	-	-	-	-	-	-	-	-	-	-	-	-
	11/19/2008	-	54,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/11/2008	-	56,800	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/14/2009	-	60,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	2/11/2009	-	62,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/18/2009	-	65,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2009	-	67,100	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	75,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	8/18/2009	CARBON CHANGE	78,500	-	-	-	-	-	-	-	-	-	-	-	-
	10/7/2009	-	83,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/13/2010	-	92,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/14/2010	-	99,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	109,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	8/16/2010	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/26/2010	-	117,269.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	12/8/2010	-	121,482.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	1/12/2011	-	124,411.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	2/8/2011	-	126,785.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	2/21/2011	CARBON CHANGE	127,900	-	-	-	-	-	-	-	-	-	-	-	-
	4/4/2011	-	131,409.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	5/12/2011	-	134,470.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	6/7/2011	-	137,081.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
7/12/2011	-	140,400.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
8/19/2011	-	141,862.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
9/8/2011	CARBON CHANGE	141,862.5	-	-	-	-	-	-	-	-	-	-	-	-	
10/18/2011	-	150,464.7	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
12/8/2011	-	155,556.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
1/31/2012	CARBON CHANGE	161,251.3	-	-	-	-	-	-	-	-	-	-	-	-	
4/18/2012	-	167,420.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
5/21/2012	-	169,620	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3990-FARM-EFF (Cont.)	6/14/2012	-	171,417.12	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/12/2012	CARBON CHANGE	173,300	-	-	-	-	-	-	-	-	-	-	-	-
	8/6/2012	-	173,431	-	-	-	-	-	-	-	-	-	-	-	-
	10/12/2012	-	173,431.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	6.0
	11/12/2012	CARBON CHANGE	173,400	-	-	-	-	-	-	-	-	-	-	-	-
	1/16/2013	-	173,431	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	2/21/2013	-	173,431.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	3/15/2013	CARBON CHANGE	173,432.5	-	-	-	-	-	-	-	-	-	-	-	-
	5/23/2013	-	173,431	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/23/2013	-	173,431.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/12/2013	CARBON CHANGE	173,431.6	-	-	-	-	-	-	-	-	-	-	-	-
	10/17/2013	-	173,431.6	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	11/15/2013	-	173,431.6	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	12/18/2013	-	173,431.5	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/8/2014	-	173,431	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	5/21/2014	-	173,431	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/9/2014	-	173,431	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
10/30/2014	-	1,174	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3990-FARM-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	6.8
	1/16/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3992-FARM-INF	5/15/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	710	360	3.6	<1.0	-	22	-
	5/30/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	630	330	3	<1.0	-	16	-
	6/13/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	640	110	3.8	<1.0	-	17	-
	7/18/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	930	440	4.6	<1.0	-	24	-
	8/29/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	880	520	4.7	<1.0	-	25	-
	9/26/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	500	<0.1	<0.1	-	<0.1	-
	10/31/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	520	<0.1	<0.1	-	<0.1	-
	11/7/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	8.4	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	660	6.6	<1.0	-	37	-

Table 7

**HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3992-FARM-INF (Cont.)	1/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	530	5.6	<1.0	-	43	-
	2/13/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	500	4.5	<1.0	-	30	-
	3/12/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	380	5	<1.0	-	26	-
	4/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	780	490	4.7	<1.0	-	22	-
	5/5/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	850	390	4.1	<1.0	-	25	-
	6/18/2008	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	500	270	3.3	<0.3	-	15	-
	7/16/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	760	340	4.1	<0.5	-	19	-
	8/20/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	990	460	4.3	<1.0	-	25	-
	9/17/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,000	1,100	4.2	<1.0	-	24	-
	10/15/2008	-	-	<1.0	1.1	<1.0	<3.0	1.1	1,300	500	6.2	<1.0	-	33	-
	11/5/2008	-	-	<0.1	0.1	<0.1	<0.3	0.1	<0.1	140	<0.1	<0.1	-	<0.1	-
	12/10/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	900	8.2	<1.0	-	39	-
	1/14/2009	-	-	0.75	<0.500	<0.500	<0.500	0.75	1,750	1,230	8.16	<0.500	92.8	31.4	-
	2/11/2009	-	-	0.69	<0.500	<0.500	<0.500	0.69	1,710	930	8.65	<0.500	75.6	31.8	-
	3/18/2009	-	-	0.73	<0.500	<0.500	<0.500	0.73	1,460	906	10.7	<0.500	56	31.3	-
	4/15/2009	-	-	0.51	<0.500	<0.500	<0.500	0.51	2,290	1,230	8.22	<0.500	73.6	35.9	-
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,020	413	7.07	<0.500	26.4	14.8	-
	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,110	372	6.06	<0.500	31.1	16.8	-
	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	381	15.6	3.57	<0.500	<2.50	6.5	-
	4/12/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	536	107	3.92	<0.500	6.05	7.87	-
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,280	98.6	6.58	<0.500	14.3	13	-
	10/27/2010	-	-	<0.5	<0.5	<0.5	<1	<3	1,660	286	8.49	<0.5	-	21.3	-
	11/30/2010	-	-	<0.5	<0.5	<0.5	<1	<3	1,370	436	9.36	<0.5	-	22.3	-
	3/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,300	206	6.55	<0.5	-	21.5	-
	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,110	99.6	5.83	<0.5	-	13.4	-
	5/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	500	18.9	4.8	<0.5	-	6.28	-
	7/26/2011	-	-	<0.5	<0.5	<0.5	<1	<3	778	281	5.5	<0.5	16	13	-
	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	649	168	4.22	<0.5	21.8	9.61	-
	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	374	21.7	3.64	<0.5	<2.5	6.99	-
	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	962 V8	27.1	3.59	<0.5	<2.5	6.45	-
	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	285	14.2	3.83	<0.5	<2.5	6.43	-
	1/25/2012	-	-	<0.5	<0.5	<0.5	<1	<3	323	102	4.75	<0.5	3.84	4.33 12G	-
	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	241 QK	12.4	3.28	<0.5	<2.5	3.3	-
	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	341	53.8 VH	3.15	<0.5	4.06	4.86	-

Table 7

**HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3992-FARM-INF (Cont.)	6/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	323 QK	129	3.1	<0.5	10.8	7.09	-
	7/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	848	371	5.78	<0.5	17.3	8.87	-
	8/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	316	30.4	3.3	<0.5	<2.5	5.17	-
	10/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	817	21	3.45	<0.5	<2.5	5.87	5.6
	11/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	252 VH	18.1	4.53 VH	<0.5	<2.5	4.68 VH	-
	12/24/2012	-	-	<0.5	<0.5	<0.5	<1	<3	285 QK	98.5	2.72	<0.5	7.18	6.64	-
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	475	96.4	3.7	<0.5	4.76	10.4	-
	2/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	219 QK	10.1	3.19 VH	<0.5	<2.5	3.37	-
	3/27/2013	-	-	<0.5	<0.5	<0.5	<1	<3	95.9	9.05	2.04	<0.5	<2.5	1.15	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	92.9	11.2	1.34	<0.5	<2.5	1.08	-
	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	133	<2.5	1.12	<0.5	<2.5	1.99	-
	7/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	343	9.63	2.38	<0.5	<2.5	1.56	-
	8/14/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	339	10	2.16	<0.500	<2.50	1.67	-
	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	7.92	<0.500	<0.500	<2.50	<0.500	-
	10/23/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	145	21	2.04	<1.00	<5.00	2.88	-
	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	155	13.6	2.03	<0.500	<2.50	2.24	-
	2/18/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	80.6	3.5	1.23	<0.500	<2.50	1.26	-
	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	81.5	6.56	1.19	<0.500	<2.50	1.58	-
7/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	50.2	<2.50	0.81	<0.500	<2.50	0.85	-	
11/6/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3992-FARM-MID2	5/30/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/18/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/29/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	8.3	<0.1	<0.1	-	<0.1	-
	10/31/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	17	<0.1	<0.1	-	<0.1	-
	11/7/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	18	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/16/2008	-	-	<0.1	0.1	<0.1	<0.3	0.1	<0.1	6.1	<0.1	<0.1	-	<0.1	-
	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	40	<0.1	<0.1	-	<0.1	-
	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	110	<0.1	<0.1	-	<0.1	-
	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/5/2008	-	-	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<5.0	<0.1	<0.1	-	<0.1	-

Table 7

**HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH	
GW Clean-up Standards*				5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	NA	
3992-FARM-MID2 (Cont.)	6/18/2008	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	57	<0.1	<0.1	-	<0.1	-	
	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	290	<0.1	<0.1	-	<0.1	-	
	9/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	400	<0.1	<0.1	-	<0.1	-	
	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	11/5/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	12/10/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	67.6	<0.500	<0.500	<2.50	<0.500	-	
	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	345	<0.500	<0.500	<2.50	<0.500	-	
	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	4/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	355	<0.500	<0.500	<2.50	<0.500	-	
	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	319	<0.500	<0.500	<2.50	<0.500	-	
	4/12/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	81.9	<0.500	<0.500	<2.50	<0.500	-	
	10/27/2010	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	11/30/2010	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	68.1	<0.5	<0.5	-	<0.5	-
	3/10/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	4/4/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	5/11/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	241	<0.5	<0.5	-	<0.5	-
	7/26/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	8.31	<0.5	<0.5	<2.5	<0.5	-
	10/18/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	12/8/2011	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/25/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	26.3	<0.5	<0.5	<2.5	<0.5	-
	4/3/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	5/21/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/13/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/23/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/23/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	15.7	<0.5	<0.5	<2.5	<0.5	-
10/17/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	6.1	
11/14/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
12/24/2012	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
1/17/2013	-	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3992-FARM-MID2 (Cont.)	2/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	3/27/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	41.9	<0.5	<0.5	<2.5	<0.5	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/14/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/23/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00	-
	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<5.00	<0.500	<0.500	<2.50	<0.500	-
	2/18/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	9.00	<0.500	<0.500	<2.50	<0.500	-
	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	11/6/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3992-FARM-EFF	5/30/2007	-	1,300	<0.1	0.4	<0.1	<0.3	0.4	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/13/2007	-	3,500	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/18/2007	-	9,100	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/29/2007	-	13,790	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	20,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/31/2007	CARBON CHANGE	21,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/7/2007	-	22,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	28,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/16/2008	-	33,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	2/13/2008	-	37,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	3/12/2008	-	40,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	4/9/2008	CARBON CHANGE	44,100	-	-	-	-	-	-	-	-	-	-	-	-
	4/16/2008	-	45,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/5/2008	-	48,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/18/2008	-	51,700	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/16/2008	-	53,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/20/2008	-	64,500	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	44	<0.1	<0.1	-	<0.1	-
	9/17/2008	-	69,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	150	<0.1	<0.1	-	<0.1	-
10/8/2008	CARBON CHANGE	73,200	-	-	-	-	-	-	-	-	-	-	-	-	
10/15/2008	-	74,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	



Table 7

**HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA	NA
3992-FARM-EFF (Cont.)	11/5/2008	-	93,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/10/2008	-	82,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/14/2009	-	87,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	2/11/2009	-	91,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/4/2009	CARBON CHANGE	94,120	-	-	-	-	-	-	-	-	-	-	-	-
	3/18/2009	-	96,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/15/2009	-	99,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	114,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	8/11/2009	CARBON CHANGE	118,700	-	-	-	-	-	-	-	-	-	-	-	-
	10/7/2009	-	131,100	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/13/2010	-	143,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	6.36	<0.500	<0.500	<2.50	<0.500	-
	2/25/2010	CARBON CHANGE	153,400	-	-	-	-	-	-	-	-	-	-	-	-
	4/12/2010	-	158,770	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	177,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	20.7	<0.500	<0.500	<2.50	<0.500	-
	9/2/2010	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/2010	-	191,261.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
	11/30/2010	-	197,300	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
	1/4/2011	CARBON CHANGE	201,000	-	-	-	-	-	-	-	-	-	-	-	-
	3/10/2011	-	211,439	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
	4/4/2011	-	215,540.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
	5/11/2011	-	220,766.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
	6/8/2011	CARBON CHANGE	225,300	-	-	-	-	-	-	-	-	-	-	-	-
	7/26/2011	-	232,300	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
	8/19/2011	CARBON CHANGE	235,800	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2011	-	241,085.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
	12/8/2011	-	247,436.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
	1/25/2012	-	254,933	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5
3/6/2012	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-	
4/3/2012	-	266,959	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	
5/21/2012	-	274,884	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	
6/13/2012	-	278,367.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	
7/23/2012	-	284,832.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	
8/23/2012	-	288,165	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	
9/24/2012	CARBON CHANGE	293,981.2	-	-	-	-	-	-	-	-	-	-	-	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3992-FARM-EFF (Cont.)	10/17/2012	-	297,120.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	6.3
	11/14/2012	-	302,272.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	12/24/2012	-	305,763.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/17/2013	-	308,799	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	2/20/2013	-	312,182.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	3/27/2013	-	317,323	<0.5	<0.5	<0.5	<1	<3	<0.5	12.4	<0.5	<0.5	<2.5	<0.5	-
	4/15/2013	CARBON CHANGE	320,410.4	-	-	-	-	-	-	-	-	-	-	-	-
	5/23/2013	-	325,090	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/20/2013	-	329,212	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/24/2013	-	333,872.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/14/2013	-	337,204.3	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	9/11/2013	-	341,934.2	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/23/2013	-	348,725	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00	-
	12/18/2013	-	355,125	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	2/18/2014	-	363,750	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/21/2014	CARBON CHANGE	367,500	-	-	-	-	-	-	-	-	-	-	-	-
4/8/2014	-	370,505	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
7/9/2014	-	378,813	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
11/6/2014	-	393,253.4	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3992-FARM-POU	8/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	6.7
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/23/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00	-
3994-FARM-INF	4/24/2007	-	-	<1	<1	<1	<2	<5	480	300	3.3	<1	-	17	-
	5/7/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	690	340	3.2	<1.0	-	18	-
	5/16/2007	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	540	4.6	<0.5	-	28	-
	6/13/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	560	4.9	<2.0	-	31	-
	7/2/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	630	4.8	<2.0	-	30	-
	8/8/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	420	4.3	<1.0	-	33	-
	9/26/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	680	4.6	<2.0	-	27	-
	10/12/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	590	4.5	<2.0	-	26	-

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3994-FARM-INF (Cont.)	11/14/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	930	430	4.6	<1.0	-	25	-
	12/19/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	850	490	4	<1.0	-	23	-
	1/23/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	750	330	2.7	<0.5	-	20	-
	2/13/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	670	370	2.7	<0.5	-	19	-
	3/12/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	610	250	2.4	<0.5	-	16	-
	4/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	360	260	2	<1.0	-	9.7	-
	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	240	130	1.7	<0.1	-	6.5	-
	6/26/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	790	480	4	<1.0	-	21	-
	7/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	580	5.9	<1.0	-	28	-
	8/20/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	640	4.2	<1.0	-	27	-
	9/17/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	920	710	5.7	<1.0	-	26	-
	10/15/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	570	6.2	<1.0	-	33	-
	11/19/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,600	1,200	8.3	<1.0	-	38	-
	12/11/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	810	6.4	<1.0	-	28	-
	1/14/2009	-	-	0.62	<0.500	<0.500	<0.500	0.62	1,030	786	5.5	<0.500	68.7	20.2	-
	2/11/2009	-	-	0.73	<0.500	<0.500	<0.500	0.73	1,360	741	7.53	<0.500	65.5	26.9	-
	3/18/2009	-	-	0.58	<0.500	<0.500	<0.500	0.58	1,100	768	8.18	<0.500	49.5	22.1	-
	4/15/2009	-	-	0.56	<0.500	<0.500	<0.500	0.56	1,780	1,140	5.92	<0.500	60.2	24.8	-
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	861	660	8.14	<0.500	65.4	22	-
	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	988	389	4.87	<0.500	37	14.8	-
	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	578	195	4.08	<0.500	12.8	10.5	-
	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	970	438	7.4	<0.500	29.9	18.5	-
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	878	284	8.08	<0.500	39.8	16.5	-
	10/25/2010	-	-	<0.5	<0.5	<0.5	<1	<3	1,990	346	6.75	<0.5	-	15.2	-
	1/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,320	522	6.97	<0.5	-	15.7	-
	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	932	59.6	4.5	<0.5	-	8.93	-
	5/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	346	41.4	3.77	<0.5	-	3.5	-
	6/7/2011	-	-	<0.5	<0.5	<0.5	<1	<3	368	112	5.09	<0.5	3.78	4.52	-
	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	745	481 V8	5.37	<0.5	24.4 V8	12	-
	9/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	607	248	4.02	<0.5	20	12.2	-
	9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	303	36.4	2.11	<0.5	<2.5	5.52	-
	10/20/2011	-	-	<0.5	<0.5	<0.5	<1	<3	328	35.9	2.34	<0.5	<2.5	5.79	-
	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	709	96	3.28	<0.5	7.39	7.41	-
	1/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	664	42.3	3.26	<0.5	<2.5	4.07	-

Table 7

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Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3994-FARM-INF (Cont.)	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	217 QK	14.5	2.78	<0.5	<2.5	3.06	-
	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	256	73.5 VH	2.37	<0.5	6.94	4.33	-
	6/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	174 QK	33.5	1.82	<0.5	<2.5	3.54	-
	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	284	110	3.1	<0.5	<2.5	5.89	-
	9/21/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	137 QK	7.93 VH	1.41 VH	<0.500	<2.50	2.89	-
	10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	173 QK	40.2	<0.5	<0.5	<2.5	4.01	5.5
	12/13/2012	-	-	<0.5	46.8	<0.5	<1	47	206 QK	107	2.08	<0.5	8.82	4.57	-
	1/17/2013	-	-	<0.5	1.86	<0.5	<1	2	339	104	2.08	<0.5	7.45	5.52	-
	2/21/2013	-	-	<0.5	1.11	<0.5	<1	1	150 QK	38	2.91 VH	<0.5	<2.5	2.3	-
	3/19/2013	-	-	<0.5	<0.5	<0.5	<1	<3	108 QK	30.8	1.94	<0.5	<2.5	1.88	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	112	28.7	<0.5	<0.5	<2.5	2.16	-
	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	110 QK	16.8	<0.5	<0.5	<2.5	1.87	-
	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	269	41.6	1.78	<0.5	<2.5	2.49	-
	8/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	296	19	1.5	<0.500	<2.50	1.87	-
	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	232	27	1.15	<0.500	<2.50	1.86	-
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	104	18.4	1.2	<0.500	<2.50	1.82	-
	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	95.6	12.2	1.14	<0.500	<2.50	1.64	-
	1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	93.8	7.94	1.03	<0.500	<2.50	1.57	-
	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	53.5	3.31	0.91	<0.500	<2.50	1.12	-
	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	83.8	<2.50	0.930	<0.500	<2.50	1.54	-
10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	50.2	14.9	0.710	<0.500	<2.50	1.08	-	
3994-FARM-MID2	5/7/2007	-	-	<5.0	<5.0	<5.0	<15	<30	<5.0	290	<5.0	<5.0	-	<5.0	-
	5/16/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/2/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	14	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	620	<0.1	<0.1	-	<0.1	-
	10/12/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	7.2	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	20	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	560	<0.1	<0.1	-	<0.1	-
	1/23/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3994-FARM-MID2 (Cont.)	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	41	<0.1	<0.1	-	<0.1	-
	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	300	<0.1	<0.1	-	<0.1	-
	6/26/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	440	<0.1	<0.1	-	<0.1	-
	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/11/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	334	<0.500	<0.500	<2.50	<0.500	-
	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	7.84	<0.500	<0.500	<2.50	<0.500	-
	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	16.6	<0.500	<0.500	<2.50	<0.500	-
	10/25/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	1/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	103	<0.5	<0.5	-	<0.5	-
	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	5/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	6/7/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	23.1 D1	<0.5	<0.5	<2.5	<0.5	-
	9/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/20/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
1/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	11.9	<0.5	<0.5	<2.5	<0.5	-	
4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	31.8 VH	<0.5	<0.5	<2.5	<0.5	-	
6/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
9/21/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	26.6 VH	<0.500	<0.500	<2.50	<0.500	-	
10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	26.6	<0.5	<0.5	<2.5	<0.5	-	
12/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3994-FARM-MID2 (Cont.)	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	3/19/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	10.5	<0.5	<0.5	<2.5	<0.5	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	6.87	<0.500	<0.500	<2.50	<0.500	-
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3994-FARM-EFF	5/7/2007	-	2,000	<5.0	<5.0	<5.0	<15	<30	<5.0	340	<5.0	<5.0	-	<5.0	-
	5/16/2007	-	3,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/13/2007	-	9,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/2/2007	-	13,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/8/2007	-	22,800	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	35,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	5.1	<0.1	<0.1	-	<0.1	-
	10/10/2007	CARBON CHANGE	39,000	-	-	-	-	-	-	-	-	-	-	-	-
	10/12/2007	-	39,420	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	6.7	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	50,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	5.1	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	69,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	560	<0.1	<0.1	-	<0.1	-
	1/11/2008	CARBON CHANGE	76,400	-	-	-	-	-	-	-	-	-	-	-	-
	1/23/2008	-	80,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	2/13/2008	-	84,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	3/12/2008	-	90,800	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	4/16/2008	-	97,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/21/2008	-	103,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/17/2008	CARBON CHANGE	105,700	-	-	-	-	-	-	-	-	-	-	-	-
6/26/2008	-	113,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
7/16/2008	-	117,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3994-FARM-EFF (Cont.)	8/20/2008	-	121,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/17/2008	-	128,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/15/2008	-	137,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	7.9	<0.1	<0.1	-	<0.1	-
	11/1/2008	CARBON CHANGE	141,000	-	-	-	-	-	-	-	-	-	-	-	-
	11/19/2008	-	144,800	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<5.0	<0.1	<0.1	-	<0.1	-
	12/11/2008	-	149,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/14/2009	-	158,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	2/11/2009	-	166,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/4/2009	CARBON CHANGE	170,500	-	-	-	-	-	-	-	-	-	-	-	-
	3/18/2009	-	173,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/15/2009	-	177,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	202,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	44	<0.500	<0.500	<2.50	<0.500	-
	8/17/2009	CARBON CHANGE	212,100	-	-	-	-	-	-	-	-	-	-	-	-
	10/7/2009	-	231,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/13/2010	-	251,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	499	<0.500	<0.500	<2.50	<0.500	-
	2/24/2010	CARBON CHANGE	271,200	-	-	-	-	-	-	-	-	-	-	-	-
	4/14/2010	-	278,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	278,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	131	<0.500	<0.500	<2.50	<0.500	-
	8/27/2010	CARBON CHANGE	0	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2010	-	11,057	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	1/4/2011	-	23,469	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	1/31/2011	CARBON CHANGE	27,700	-	-	-	-	-	-	-	-	-	-	-	-
	4/5/2011	-	37,838.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	5/11/2011	-	43,547.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	6/7/2011	-	47,690.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/12/2011	-	53,356.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	9/8/2011	CARBON CHANGE	57,510	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
10/20/2011	-	68,468	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
12/8/2011	-	77,913.1	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
1/13/2012	-	82,969.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
2/8/2012	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-	
4/3/2012	-	96,362	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
5/21/2012	-	105,755	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
6/15/2012	CARBON CHANGE	112,167.7	-	-	-	-	-	-	-	-	-	-	-	-	

Table 7

**HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3994-FARM-EFF (Cont.)	6/18/2012	-	112,673.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/6/2012	-	121,138	-	-	-	-	-	-	-	-	-	-	-	-
	9/21/2012	-	130,619	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/3/2012	-	133,162	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/26/2012	CARBON CHANGE	133,770	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2012	-	146,777	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/17/2013	-	153,396	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	2/21/2013	-	159,700.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	3/19/2013	-	164,330	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/5/2013	CARBON CHANGE	167,400	-	-	-	-	-	-	-	-	-	-	-	-
	5/23/2013	-	177,500	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/20/2013	-	181,623	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/23/2013	-	187,515	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/15/2013	-	190,876	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	9/11/2013	-	197,040	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	9/30/2013	CARBON CHANGE	200,800	-	-	-	-	-	-	-	-	-	-	-	-
	10/17/2013	-	205,099	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	12/18/2013	-	217,829	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/8/2014	-	221,862	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2014	-	239,801	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
7/8/2014	-	256,819	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
10/15/2014	CARBON CHANGE	273,200	-	-	-	-	-	-	-	-	-	-	-	-	
10/30/2014	-	275,018	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3994-FARM-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	6.2
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3996-FARM-INF	4/16/2007	-	-	0.2	<0.1	<0.1	<0.3	0.2	370	260	2	<0.1	-	12	-
	5/3/2007	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	430	250	1.9	<0.5	-	12	-
	6/13/2007	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	360	220	1.9	<0.5	-	11	-
	7/18/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	390	230	1.6	<1.0	-	9.3	-



Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3996-FARM-INF (Cont.)	8/8/2007	-	-	<0.4	<0.4	<0.4	<1.2	<2.4	320	190	1.6	<0.4	-	9.3	-
	9/27/2007	-	-	<0.4	<0.4	<0.4	<1.2	<2.4	330	220	1.6	<0.4	-	8.6	-
	10/12/2007	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	250	180	1.4	<0.5	-	7.6	-
	11/14/2007	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	240	140	1.1	<0.3	-	6.2	-
	12/19/2007	-	-	<0.2	<0.2	<0.2	<0.6	<1.2	230	140	1.3	<0.2	-	6.5	-
	2/13/2008	-	-	0.1	<0.1	<0.1	<0.3	0.1	220	110	0.9	<0.1	-	5.8	-
	3/25/2008	-	-	0.1	<0.1	<0.1	<0.3	0.1	160	100	0.9	<0.1	-	5.3	-
	4/16/2008	-	-	<0.2	<0.2	<0.2	<0.6	<1.2	150	99	0.8	<0.2	-	4.2	-
	5/21/2008	-	-	0.1	<0.1	<0.1	<0.3	0.1	180	130	1.1	<0.1	-	6.2	-
	6/18/2008	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	310	230	1.7	<0.3	-	9	-
	7/23/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	350	220	1.7	<0.5	-	8.4	-
	8/20/2008	-	-	0.3	<0.1	<0.1	<0.3	0.3	380	240	1.9	<0.1	-	10	-
	9/17/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	290	180	1.6	<0.5	-	6.6	-
	10/15/2008	-	-	0.3	<0.3	<0.3	<0.8	0.3	370	220	1.9	<0.3	-	9.4	-
	11/19/2008	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	360	260	1.9	<0.3	-	7.9	-
	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	276	91.7	1.63	<0.500	3.06	5.23	-
	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	289	107	1.56	<0.500	7.29	4.97	-
	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	379	104	-	-	-	-	-
	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	208	17	1.35	<0.500	<2.50	3.39	-
	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	222	22.3	1.75	<0.500	<2.50	2.66	-
	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	182	7.35	1.35	<0.500	<2.50	2	-
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	242	32.5	2.33	<0.500	<2.50	2.58	-
	10/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	23.7	<2.50	1.1	<0.500	<2.50	<0.500	-
1/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	38.3	8.7	2.08	<0.500	<2.50	<0.500	-	
4/16/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	29.9	<2.50	2.3	<0.500	<2.50	<0.500	-	
10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	9.4	<2.5	1.39	<0.5	-	<0.5	-	
1/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	15	<2.5	1.61	<0.5	-	<0.5	-	
4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	12.6	<2.5	1.36	<0.5	-	<0.5	-	
7/13/2011	-	-	<0.5	<0.5	<0.5	<1	<3	18	<2.5	1.37	<0.5	<2.5	<0.5	-	
9/16/2011	-	-	<0.5	1.8 V8	<0.5	<1	2	246	87.8	<0.5	<0.5	<2.5	3.1 V8	-	
9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	142 L1	180	1.18	<0.5	12.3 V8	3.4	-	
11/11/2011	-	-	<0.5	0.5	<0.5	<1	1	212	103	<0.5	<0.5	9.27	3.87	-	
12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	199	105	1.69	<0.5	11.6	4.29	-	

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3996-FARM-INF (Cont.)	2/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	192	39.4 VH	1.26	<0.5	<2.5	2.76	-
	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	104	35.6	1.25	<0.5	<2.5	1.53	-
	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	84.8	48.3	0.89	<0.5	<2.5	1.77	-
	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	103	62.7	1.16	<0.5	<2.5	2.16	-
	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	52.6	29.4	<0.5	<0.5	2.97	0.87	5.6
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	68.9	40	<0.5	<0.5	<2.5	1.52	-
	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	61.5	31.6	<0.5	<0.5	<2.5	0.73	-
	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	48.6	20.4	0.6	<0.5	<2.5	0.79	-
	10/24/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	29.3	13.2	<1.00	<1.00	<5.00	<1.00	-
	1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	33.3	10.1	<0.500	<0.500	<2.50	0.55	-
	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	28.2	10.0	<0.500	<0.500	<2.50	<0.500	-
	4/14/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	28.7	15.4	<0.500	<0.500	<2.50	<0.500	-
	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	21.0	7.29	<0.500	<0.500	<2.50	<0.500	-
10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	13.7	6.82	<0.500	<0.500	<2.50	<0.500	-	
3996-FARM-MID2	5/3/2007	-	-	<20	<20	<20	<60	<120	<20	<1,000	<20	<20	-	<20	-
	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/18/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	6.5	<0.1	<0.1	-	<0.1	-
	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	88	<0.1	<0.1	-	<0.1	-
	9/27/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	260	<0.1	<0.1	-	<0.1	-
	10/12/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	21	<0.1	<0.1	-	<0.1	-
	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	3/2/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	-	-	-	-	-	-
	3/25/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	31	<0.1	<0.1	-	<0.1	-
	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	120	<0.1	<0.1	-	<0.1	-
	7/23/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	50	<0.1	<0.1	-	<0.1	-
	9/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	230	<0.1	<0.1	-	<0.1	-
	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	35	<0.1	<0.1	-	<0.1	-
	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3996-FARM-MID2 (Cont.)	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	49.7	-	-	-	-	-
	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/16/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/13/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	11/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	2/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.6
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	9.12 VC	<0.5	<0.5	<2.5	<0.5
	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	5.95	<0.5	<0.5	<2.5	<0.5
	10/24/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<1.00
1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<2.50	<0.500	<0.500	<2.50	<0.500	
4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<2.50	<0.500	<0.500	<2.50	<0.500	
4/14/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<2.50	<0.500	<0.500	<2.50	<0.500	
7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	7.57	<0.500	<0.500	<2.50	<0.500	
10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<2.50	<0.500	<0.500	<2.50	<0.500	
3996-FARM-EFF	5/3/2007	-	1,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/11/2007	-	3,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/13/2007	-	14,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	7/18/2007	-	24,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/8/2007	-	34,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/27/2007	-	60,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	180	<0.1	<0.1	-	<0.1	-
	10/9/2007	CARBON CHANGE	65,500	-	-	-	-	-	-	-	-	-	-	-	-

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3996-FARM-EFF (Cont.)	10/12/2007	-	66,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	73,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	81,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	6.2	<0.1	<0.1	-	<0.1	-
	1/21/2008	CARBON CHANGE	81,800	-	-	-	-	-	-	-	-	-	-	-	-
	2/13/2008	-	89,700	<0.1	<0.1	<0.1	<0.3	<0.6	2.4	16	<0.1	<0.1	-	<0.1	-
	3/2/2008	-	92,700	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	-	-	-	-	-	-
	3/21/2008	CARBON CHANGE	96,000	-	-	-	-	-	-	-	-	-	-	-	-
	3/25/2008	-	99,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	4/16/2008	-	103,500	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/21/2008	-	112,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/18/2008	-	122,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	11	<0.1	<0.1	-	<0.1	-
	7/14/2008	CARBON CHANGE	134,600	-	-	-	-	-	-	-	-	-	-	-	-
	7/23/2008	-	137,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/20/2008	-	148,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/17/2008	-	161,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	120	<0.1	<0.1	-	<0.1	-
	10/9/2008	CARBON CHANGE	172,000	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/2008	-	174,000	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/19/2008	-	190,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/9/2008	CARBON CHANGE	195,089	-	-	-	-	-	-	-	-	-	-	-	-
	12/29/2008	-	202,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/14/2009	-	207,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/30/2009	-	215,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-
	2/11/2009	-	220,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/18/2009	-	228,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2009	-	233,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	264,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/8/2009	-	282,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/14/2010	-	302,200	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/16/2010	-	320,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	351,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
10/26/2010	-	376,700	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	
1/10/2011	-	396,290	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	
4/5/2011	-	414,221.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	
7/13/2011	-	439,031.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
9/16/2011	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/11/2011	-	463,566.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	

Table 7

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3996-FARM-EFF (Cont.)	2/16/2012	-	489,137.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/4/2012	-	497,188	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/14/2012	-	514,219.8	<0.5	<0.5	<0.5	<1	<3	<0.5	34.1	<0.5	<0.5	<2.5	<0.5	-
	7/16/2012	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/8/2012	-	527,715.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/4/2012	-	546,788	<0.5	<0.5	<0.5	<1	<3	<0.5	34.3	<0.5	<0.5	<2.5	<0.5	5.6
	10/26/2012	CARBON CHANGE	550,900	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2013	-	567,833	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	2/21/2013	CARBON CHANGE	575,178.6	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2013	-	586,301.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	5/17/2013	CARBON CHANGE	593,800	-	-	-	-	-	-	-	-	-	-	-	-
	7/23/2013	-	622,077.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/9/2013	CARBON CHANGE	627,000.0	-	-	-	-	-	-	-	-	-	-	-	-
	10/24/2013	-	635,321	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00	-
	1/9/2014	-	635,309	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2014	-	635,307	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/14/2014	-	636,464	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
7/8/2014	-	661,446	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	5.13	<0.500	<0.500	<2.50	<0.500	-	
8/25/2014	CARBON CHANGE	675,800	-	-	-	-	-	-	-	-	-	-	-	-	
10/30/2014	-	390,988	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3996-FARM-POU	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	39.2	<0.5	<0.5	<2.5	<0.5	5.5
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-INF	4/16/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	14	<5.0	1.9	<0.1	-	0.1	-
	5/1/2007	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	3.7	<5	0.2	<0.1	-	<0.1	-
	6/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	140	19	2.7	<0.1	-	2.2	-
	7/17/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	710	300	5.8	<1.0	-	20	-
	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	340	<0.1	<0.1	-	<0.1	-
	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	490	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	820	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	-	1.1	<1.0	<1.0	<3.0	1.1	3,300	1,500	18	<1.0	-	100	-
	1/16/2008	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	2,700	1,000	13	<2.0	-	93	-

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3997-FARM-INF (Cont.)	2/13/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	640	210	4	<0.5	-	18	-
	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	130	7.4	1.6	<0.1	-	3.5	-
	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	110	24	1.4	<0.1	-	2.3	-
	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	130	18	1.5	<0.1	-	3.1	-
	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	56	13	0.9	<0.1	-	1	-
	7/16/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	460	77	4.2	<0.5	-	8.2	-
	8/20/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	690	200	4.8	<0.5	-	20	-
	9/17/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	400	7	<0.5	-	30	-
	10/15/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	400	6.4	<0.5	-	33	-
	11/19/2008	-	-	0.9	<0.5	<0.5	<1.5	0.9	2,100	980	14	<0.5	-	63	-
	12/10/2008	-	-	1.4	<1.0	<1.0	<3.0	1.4	2,800	1,500	16	<1.0	-	80	-
	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	500	66.2	-	-	-	-	-
	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	493	79.2	3	<0.500	<2.50	8.95	-
	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	426	61.3	-	-	-	-	-
	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,110	274	7.7	<0.500	26.4	23.3	-
	3/18/2009	-	-	0.89	<0.500	<0.500	<0.500	0.89	2,060	1,120	17	<0.500	87.1	53.3	-
	4/8/2009	-	-	0.87	<0.500	<0.500	<0.500	0.87	3,680	1,700	14.5	<0.500	94.7	61.8	-
	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	136	21.5	3.04	<0.500	<2.50	1.89	-
	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	608	93.1	6.49	<0.500	8.45	8.22	-
	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	21.5	<2.50	1.35	<0.500	<2.50	<0.500	-
	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	6.87	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	20.5	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/25/2010	-	-	<0.5	<0.5	<0.5	<1	<3	60.7	<2.5	3.07	<0.5	-	<0.5	-
	1/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2,010	446	9.18	<0.5	-	21.1 V4	-
	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	119	<2.5	1.83	<0.5	-	1.73	-
	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	34.3	<2.5	3.88	<0.5	<2.5	<0.5	-
	8/15/2011	-	-	<0.5	<0.5	<0.5	<1	<3	83.5	<2.5	4.98	<0.5	<2.5	0.76	-
	9/30/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	7.68	<2.5	1.15	<0.5	<2.5	<0.5	-
	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	6.45	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/11/2012	-	-	<0.5	<0.5	<0.5	<1	<3	3.62	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.71	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.07	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	2.35	<2.5	<0.5	<0.5	<2.5	<0.5	-

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH	
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	
3997-FARM-INF (Cont.)	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.33	<2.5	<0.5	<0.5	<2.5	<0.5	5.4	
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	6.05	<2.5	<0.5	<0.5	<2.5	<0.5	-	
	7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.72	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.57	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.12	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.11	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.20	<2.50	<0.500	<0.500	<2.50	<0.500	-	
	3997-FARM-MID2	7/17/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
8/8/2007		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
9/26/2007		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
10/10/2007		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
11/14/2007		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	40	<0.1	<0.1	-	<0.1	-	
12/19/2007		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	130	<0.1	<0.1	-	<0.1	-	
1/16/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	400	<0.1	<0.1	-	<0.1	-	
2/13/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
3/12/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
4/16/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
5/21/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
6/18/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	10	<0.1	<0.1	-	<0.1	-	
7/16/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	14	<0.1	<0.1	-	<0.1	-	
8/20/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	7.3	<0.1	<0.1	-	<0.1	-	
9/17/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	6.3	<0.1	<0.1	-	<0.1	-	
10/15/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
11/19/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
12/10/2008		-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-	
12/29/2008		-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-	
1/14/2009		-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-
1/30/2009		-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-	
2/11/2009		-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-
3/18/2009		-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	127	<0.500	<0.500	<2.50	<0.500	<0.500	-
4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	
7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	
10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3997-FARM-MID2 (Cont.)	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	6.76	<0.500	<0.500	<2.50	<0.500	-
	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/25/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	1/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	286 V8	<0.5	<0.5	<2.5	<0.5	-
	10/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/11/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.4
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	
3997-FARM-EFF	7/17/2007	-	2,100	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/8/2007	-	7,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/26/2007	-	16,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	10/10/2007	-	19,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/14/2007	-	24,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/19/2007	-	27,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	1/16/2008	-	31,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	2/8/2008	CARBON CHANGE	34,000	-	-	-	-	-	-	-	-	-	-	-	-
	2/13/2008	-	34,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	3/12/2008	-	39,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	4/4/2008	CARBON CHANGE	42,900	-	-	-	-	-	-	-	-	-	-	-	-
	4/16/2008	-	43,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	5/21/2008	-	51,500	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	6/18/2008	-	56,600	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<5.0	<0.1	<0.1	-	<0.1	-



### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3997-FARM-EFF (Cont.)	7/16/2008	-	62,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	8/20/2008	-	67,700	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	9/17/2008	-	72,200	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	5.1	<0.1	<0.1	-	<0.1	-
	10/10/2008	CARBON CHANGE	74,900	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/2008	-	75,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	11/19/2008	-	80,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/10/2008	-	82,900	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	-	<0.1	-
	12/29/2008	-	85,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-
	1/14/2009	-	86,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/30/2009	-	88,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-	-
	2/11/2009	-	89,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	3/18/2009	-	93,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/6/2009	CARBON CHANGE	95,899	-	-	-	-	-	-	-	-	-	-	-	-
	4/8/2009	-	96,100	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	10.5	<0.500	<0.500	<2.50	<0.500	-
	7/15/2009	-	112,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/7/2009	-	130,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	1/13/2010	-	140,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	6.76	<0.500	<0.500	<2.50	<0.500	-
	4/14/2010	-	150,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/21/2010	-	150,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/25/2010	-	185,928	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	1/12/2011	-	194,578	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	4/4/2011	-	205,526.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	-	<0.5	-
	7/12/2011	-	219,989.6	<0.5	<0.5	<0.5	<1	<3	<0.5	302 V8	<0.5	<0.5	<2.5	<0.5	-
	8/19/2011	CARBON CHANGE	225,500	-	-	-	-	-	-	-	-	-	-	-	-
	10/19/2011	-	232,714.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	1/11/2012	-	242,857.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/4/2012	-	254,177	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	6/14/2012	-	264,051.1	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	7/17/2012	-	270,156.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	8/6/2012	-	272,870.6	-	-	-	-	-	-	-	-	-	-	-	-
10/4/2012	-	282,556	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.4	
12/10/2012	CARBON CHANGE	290,500	-	-	-	-	-	-	-	-	-	-	-	-	
1/17/2013	-	294,706	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
2/21/2013	-	299,188.1	-	-	-	-	-	-	-	-	-	-	-	-	
4/24/2013	-	306,775.7	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	
7/24/2013	-	321,300.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	

### HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
<b>GW Clean-up Standards*</b>				<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
3997-FARM-EFF (Cont.)	10/17/2013	-	333,999	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	12/23/2013	CARBON CHANGE	342,600	-	-	-	-	-	-	-	-	-	-	-	-
	1/24/2014	-	347,057	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	4/8/2014	-	355,598	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	7/8/2014	-	369,072	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
	10/30/2014	-	386,135	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3997-FARM-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.8
	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-

\* GW Clean-up Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers.

µg/L = Micrograms/Liter

12G = Laboratory Control Sampling (LCS) value was outside the Quality Control (QC) range. Data accepted based on acceptable check standard.

BTEX toluene, ethylbenzene, xylenes

D1 = The Relevant Percent Difference (RPD) result exceeded the QC control limits for the duplicate sample analyzed.

EFF = effluent sample location

INF = influent sample location

L1 = liberation range; therefore it is an estimated value.

mg/L = Milligrams/Liter

MID21 = midfluent sample location

MTBE = methyl Tertiary Butyl Ether

NA = Not Analyzed for that specific compound

ND = Not Detected (# is method detection limit)

POU = point-of-use sample location

QK = liberation range; therefore it is an estimated value.

V4 = V4 QC range. Data accepted based on acceptable LCS.

V8 = V8 QC range. Data accepted based on acceptable check standard.

VH = VH QC range. Data accepted based on acceptable check standard.

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3717-BLUE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
3719-BLUE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.9	<0.1	0.7	0.1	<0.2	<0.1	<0.3	<2.0	-	
3723-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-	
3724-BLUE-INF	5/29/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	-	<0.2	<5.0	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	
3725-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-	
3726-BLUE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
3727-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	0.2	<0.1	<0.3	<2.0	-	
3729-BLUE-INF	5/23/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1.6	<0.2	<0.1	<0.3	<2.0	-	
3731-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
3732-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3733-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-	
3734-BLUE-INF	5/1/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-	
3737-BLUE-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	0.68	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	0.66	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3737-BLUE-INF (cont.)	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/20/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/14/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3737-BLUE-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3739-BLUE-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
1/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3739-BLUE-INF (cont.)	4/5/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/18/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/13/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	7.0
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50 2b	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
4/15/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50 2b	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3739-BLUE-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3740-BLUE-INF	4/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
	10/12/2007	<0.1	1.9	<0.1	<0.3	1.9	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
	11/14/2007	<0.1	0.3	<0.1	<0.3	0.3	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/5/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-



**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3740-BLUE-INF (cont.)	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.6
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
11/19/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3740-BLUE-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3815-GRNR-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3816-GRNR-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3817-GRNR-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3818-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
3819-GRNR-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1.4	<0.2	<0.1	0.4	<2.0	-
3820-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
3821-GRNR-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3822-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3823-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3825-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3826-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3828-GRNR-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	-	-
3829-GRNR-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.2	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-

**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3829-GRNR-INF (cont.)	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
	10/26/2010	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	2/8/2011	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/19/2011	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/19/2011	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/17/2012	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/17/2012	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/18/2012	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2013	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/24/2013	<0.5	<0.5	<0.5	Δ	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3/25/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
6/4/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3829-GRNR-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3830-GRNR-INF	4/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.8	<0.2	<0.1	<0.3	<2.0	-	
3831-GRNR-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
3832-GRNR-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.4	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-	
3833-GRNR-INF	4/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-



HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3833-GRNR-INF (cont.)	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/20/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/28/2010	<0.5	<0.5	<0.5	Δ	<2.5	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2011	<0.5	<0.5	<0.5	Δ	<2.5	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/5/2011	<0.5	<0.5	<0.5	Δ	<2.5	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	Δ	<2.5	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2012	<0.5	<0.5	<0.5	Δ	<2.5	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	<0.5	<0.5	-	-
	5/21/2012	<0.5	<0.5	<0.5	Δ	<2.5	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	<0.5	<0.5	-	-
	8/21/2012	<0.5	<0.5	<0.5	Δ	<2.5	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	<0.5	<0.5	-	-
	12/13/2012	<0.5	<0.5	<0.5	Δ	<2.5	<0.5	-	<0.5	<2.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	<0.5	<0.5	-	-
3833-GRNR-POU	8/21/2012	<0.5	<0.5	<0.5	Δ	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3834-GRNR-INF	4/16/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1 J	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3835-GRNR-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	5.9	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	12/20/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	8/12/2009	<0.500	<0.500	<0.500	<0.500	<2.000	0.81	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	11/23/2010	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/5/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/14/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/19/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/13/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/17/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/21/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
1/25/2013	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
4/23/2013	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	





## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3835-GRNR-INF (cont.)	9/3/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	5.7	
	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3835-GRNR-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
3836-GRNR-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/25/2009	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<10.0	<2.00	-	-	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	-	-	
3837-GRNR-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	3.1	-	
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	12/20/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.6	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	1.6	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	2.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	1.3	0.2	<0.2	<0.1	<0.3	<2.0	-	
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1.39	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1.31	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/23/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/5/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	5.8
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3837-GRNR-INF (cont.)	10/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/16/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/31/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3837-GRNR-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3840-GRNR-INF	4/17/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3904-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	4.1	<0.1	<0.4	<0.1	0.3	<0.1	<0.3	<2.0	-
3905-ROSE-INF	6/8/2007	<0.1	0.1	<0.1	<0.3	0.1	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.6	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3906-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	6.4	<0.1	<0.1	-	<0.1	<2.0	4.4	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3907-ROSE-INF	5/30/2007	<0.1	0.3	<0.1	<0.3	0.3	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.1	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3908-ROSE-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.5	<0.1	<0.2	<0.1	<0.3	<2.0	-
3909-ROSE-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3913-CHCR-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3913-ROSE-INF	6/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3914-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.2	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3915-CHCR-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3916-ROSE-INF	6/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3918-ROSE-INF	4/17/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3919-CHCR-INF	5/24/2007	<0.1	0.2	<0.1	<0.3	0.2	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3923-ROSE-INF (DUP)	1/10/2011	<0.500	<0.500	<0.500	<1.00	<2.50	686	-	<0.500	94.7	4.88	<0.500	-	6.34	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	11	-	<0.5	<2.5	2.52	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	0.95	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3923-ROSE-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	170	<0.1	<0.2	<5.0	1.5	<0.1	-	4.9	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	5/21/2007	<0.1	<0.1	<0.1	<0.2	<0.5	4.2	-	<0.2	<5	1.3	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
	6/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	76	<0.1	<0.2	<5.0	2.5	<0.1	-	0.5	<2.0	3.4	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	7/18/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<2.0	<4.0	360	5.7	<2.0	-	27	<40	<60	<2.0	<8.0	<2.0	4.4	<2.0	<6.0	<40	-
	8/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	4.2	<0.1	1.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	9/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	13	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	4.5	<0.1	<0.2	<0.1	<0.3	3.3	-
	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	31	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	100	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	12/19/2007	<2.5	<2.5	<2.5	<7.5	<15.0	2,600	<2.5	<5.0	1,200	12	<2.5	-	68	<50	<75	<2.5	<10	<2.5	8	<2.5	<7.5	<50	-
	1/23/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,200	<2.0	<4.0	930	10	<2.0	-	71	<40	<60	<2.0	<8.0	<2.0	<4.0	<2.0	<6.0	<40	-
	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	520	6.8	<1.0	-	45	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	400	5.8	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	4.7	<1.0	<3.0	<20	-
	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	54	<0.1	<0.2	5.1	1	<0.1	-	0.6	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	5/5/2008	<0.1	<0.1	<0.1	<0.3	<0.6	6.5	<0.1	<0.2	<5.0	0.2	<0.1	-	0.1	<2.0	<10	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	6/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	7.3	<0.1	<0.2	<5.0	0.5	<0.1	-	<0.1	<2.0	4.3	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	320	<0.5	<1.0	32	3.2	<0.5	-	4	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
	8/20/2008	<0.5	<0.5	<0.5	<1.5	<3.0	610	<0.5	<1.0	160	3.9	<0.5	-	16	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	<0.5	<1.0	420	6.8	<0.5	-	31	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
	10/15/2008	<0.5	<0.5	<0.5	<1.5	<3.0	810	<0.5	<1.0	250	5.4	<0.5	-	24	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	4.9	<10	-
	11/19/2008	1	<0.5	<0.5	<1.5	1	2,200	<0.5	<1.0	1,100	15	<0.5	-	65	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
	12/10/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,300	<2.0	<4.0	1,100	13	<2.0	-	62	<40	<60	<2.0	<8.0	<2.0	<4.0	<2.0	<6.0	<40	-
	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.000	613	-	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	642	-	<0.500	121	4.41	<0.500	10.4	10.9	-	-	-	-	-	-	-	<0.500	<0.500	-
	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.000	631	-	-	149	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.000	503	-	<0.500	55.3	4.39	<0.500	<2.50	8.11	-	-	-	-	-	-	-	<0.500	<0.500	-
	3/18/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,480	-	<0.500	806	12.8	<0.500	66.8	38.1	-	-	-	-	-	-	-	<0.500	<0.500	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	2,600	-	<0.500	1,190	10.7	<0.500	48.5	40.2	-	-	-	-	-	-	-	<0.500	<0.500	-
	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	48	-	<0.500	16.6	2	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-
	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,160	-	<0.500	230	7.44	<0.500	23.3	18.2	-	-	-	-	-	-	-	<0.500	<0.500	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	6.52	-	<0.500	<2.50	0.98	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	2.24	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	12.4	-	<0.500	<2.50	2.44	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-
	10/26/2010	<0.5	<0.5	<0.5	<1	<3	14.9	-	<0.5	<2.5	2.73	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-
1/10/2011	<0.5	<0.5	<0.5	<1	<3	609	-	<0.5	101	6.68	<0.5	-	8.5	-	-	-	-	-	-	-	<0.5	<0.5	-	
4/5/2011	<0.5	<0.5	<0.5	<1	<3	87.1	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	
7/13/2011	<0.5	<0.5	<0.5	<1	<3	11.3	-	<0.5	<2.5	2.57	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	
8/19/2011	<0.5	<0.5	<0.5	<1	<3	20.2	-	<0.5	<2.5	3.3	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	
9/30/2011	<0.5	<0.5	<0.5	<1	<3	2.81	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3923-ROSE-INF (cont.)	10/18/2011	<0.5	<0.5	<0.5	<1	<3	0.86	-	<0.5	<2.5	0.99	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/16/2011	<0.5	<0.5	<0.5	<1	<3	2.53 V8	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	12/8/2011	<0.5	<0.5	<0.5	<1	<3	1.91	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	0.99	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/3/2012	<0.5	<0.5	<0.5	<1	<3	0.58	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/14/2012	<0.5	<0.5	<0.5	<1	<3	1.06	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/8/2012	<0.500	<0.500	<0.500	<1.00	<2.50	0.950	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.5
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/23/2013	<0.5	<0.5	<0.5	<1	<3	1.44	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	1.12	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	0.51	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/24/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.82	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
2/1/2014	<0.500	<0.500	<0.500	<1.00	<2.50	2.91	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.65	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.510	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.800	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3923-ROSE-POU	8/8/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.9
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3927-ROSE-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.1	<0.3	<2.0	-
3928-ROSE-INF	4/16/2007	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3930-ROSE-INF	5/30/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3931-ROSE-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3932-ROSE-INF	5/30/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3933-ROSE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3934-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3936-ROSE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.5	<0.1	<0.2	<0.1	<0.3	<2.0	-



## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3937-ROSE-INF	6/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3939-ROSE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	3.8	-	
3978-RYEL-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	0.2	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	0.2	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	7.4	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	0.2	<0.1	<0.3	0.2	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.1	0.3	<0.1	<0.3	0.3	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-	
	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3979-FARM-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/27/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/11/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3979-FARM-POU	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
3979-RYEL-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3980-RYEL-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1	<0.2	<0.1	<0.3	<2.0	-	

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3980-RYEL-INF (cont.)	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.8	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1	<0.2	<0.1	<0.3	<2.0	-	
3981-FARM-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/17/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3981-FARM-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3981-RYEL-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-	
3982-RYEL-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-	
	4/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
3983-FARM-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-	
	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-	
	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	0.4	<0.1	<0.3	0.4	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	0.2	<0.4	1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3983-FARM-INF (cont.)	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
7/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3983-FARM-POU	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3983-RYEL-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1.1	<0.2	<0.1	<0.3	<2.0	-
3984A-FARM-INF	10/10/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	38	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	57	-
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3984A-FARM-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3984-FARM-INF	5/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3984-FARM-INF (cont.)	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	2/20/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3984-FARM-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
3984-RYEL-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-	
	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
3985-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/8/2007	<0.1	0.1	0.6	3.1	3.8	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/20/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-





Table 8

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3985-FARM-INF (cont.)	10/27/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.0
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/24/2013	<0.500	37.6	<0.500	<1.00	37.6	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	8/15/2013	<0.500	17.3	<0.500	<1.00	17.3	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/17/2013	<0.500	3.89	<0.500	<1.00	3.89	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/8/2014	<0.500	0.54	<0.500	<1.00	0.54	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
4/15/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
8/28/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3985-FARM-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3985-RYEL-INF	5/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3986-RYEL-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3987-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	79	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	63	-
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	2.7	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	4.8	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	2.8	-
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	2/27/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	2.2	-
	10/17/2008	<0.1	0.3	<0.1	<0.3	0.3	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	330	19	0.7	<0.4	1.4	<0.2	<0.1	<0.3	370	-
	11/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	2,700	100	<0.1	11	0.1	<0.2	<0.1	<0.3	2,600	-
	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3987-FARM-INF (cont.)	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/15/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/23/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/26/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.9
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/18/2013	<0.500	<0.500	<0.500	<1.00	<2.5	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3987-FARM-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3987-RYEL-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1	<0.2	<0.1	<0.3	<2.0	-
3988-RYEL-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF (DUP)	3/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3989-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	0.2	<0.1	<0.3	<2.0	-
	11/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	2/20/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-



**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3989-FARM-INF (cont.)	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/27/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/26/2010	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/17/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/5/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/14/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/16/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	3/19/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/15/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/17/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/23/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.8
	1/25/2013	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
5/22/2013	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
8/16/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
11/26/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
1/13/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
4/17/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
8/28/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3989-FARM-POU	8/23/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	
3989-RYEL-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
3990-FARM-INF (DUP)	4/4/2011	<0.5	<0.5	<0.5	<1	<3	2,010	-	<0.5	326	7.73	<0.5	-	22.3	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	<1	<3	2,050	-	<0.5	1,920	8.09	<0.5	67 V8	25.8	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/18/2012	<0.5	<0.5	<0.5	<1	<3	622	-	<0.5	273	4.72	<0.5	19.1	9.95	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	5/1/2007	0.4	ND	ND	0.2	1	1,100	-	ND	590	6.2	ND	-	33	-	-	-	-	-	-	-	-	-	-
	5/16/2007	<0.3	<0.3	<0.3	<0.8	<1.7	770	<0.3	<0.5	440	4.5	<0.3	-	25	33	21	<0.3	<1.0	<0.3	1.4	<0.3	<0.8	35	-
	6/21/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	590	5.8	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
	7/18/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,500	<2.0	<4.0	720	5.7	<2.0	-	34	<40	<60	<2.0	<8.0	<2.0	4.9	<2.0	<6.0	<40	-
	8/8/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	500	5.8	<1.0	-	44	<20	<44	<1.0	<4.0	<1.0	2.7	<1.0	<3.0	<20	-



**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3990-FARM-INF (cont.)	9/26/2007	<2.0	<2.0	<2.0	<6.0	<12.0	950	<2.0	<4.0	470	4.7	<2.0	-	24	<40	<60	<2.0	<8.0	<2.0	5.1	<2.0	<6.0	<40	-	
	10/10/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<2.0	<4.0	560	5.9	<2.0	-	33	<40	<60	<2.0	<8.0	<2.0	5.2	<2.0	<6.0	<40	-	
	11/14/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	520	6.6	<1.0	-	36	<20	<30	<1.0	<4.0	<1.0	6.6	<1.0	<3.0	<20	-	
	12/19/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,300	<2.0	<4.0	730	6.5	<2.0	-	37	<40	<60	<2.0	<8.0	<2.0	<4.0	<2.0	<6.0	<40	-	
	1/23/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	530	5.4	<1.0	-	40	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	610	5.7	<1.0	-	42	<20	<30	<1.0	<4.0	<1.0	2.2	<1.0	<3.0	<20	-	
	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	510	5.6	<1.0	-	38	<20	<30	<1.0	<4.0	<1.0	5.9	<1.0	<3.0	<20	-	
	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<1.0	<2.0	580	5.4	<1.0	-	28	<20	<30	<1.0	<4.0	<1.0	7	<1.0	<3.0	<20	-	
	5/21/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<1.0	<2.0	610	4.8	<1.0	-	30	<20	62	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	6/26/2008	<5.0	<5.0	<5.0	<15	<30	1,100	<5.0	<10	540	<5.0	<5.0	-	28	<100	<150	<5.0	<20	<5.0	<10	<5.0	<15	<100	-	
	7/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	510	5.6	<1.0	-	29	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	39	-	
	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	520	4.7	<1.0	-	31	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	46	-	
	9/25/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,300	<0.5	<1.0	620	6.8	<0.5	-	36	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	10/15/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	450	5.9	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	11/19/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,900	<1.0	<2.0	770	9.3	<1.0	-	45	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	12/11/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	620	7.6	<1.0	-	35	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	1/14/2009	0.82	<0.500	<0.500	<0.500	0.82	1,520	-	<0.500	607	8.62	<0.500	89.6	39.7	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	2/11/2009	0.89	<0.500	<0.500	<0.500	0.89	2,090	-	<0.500	838	10.5	<0.500	77.6	43.1	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	3/18/2009	0.77	<0.500	<0.500	<0.500	0.77	1,580	-	<0.500	937	11.7	<0.500	65.7	38.3	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	0.93	<0.500	<0.500	<0.500	0.93	2,810	-	<0.500	1,100	10.6	<0.500	77	48.3	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/15/2009	0.85	<0.500	<0.500	<0.500	0.85	1,380	-	<0.500	913	12.4	<0.500	102	40.8	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/7/2009	0.58	<0.500	<0.500	<0.500	0.58	1,420	-	<0.500	675	9.67	<0.500	80.7	30.1	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	0.51	<0.500	<0.500	<0.500	0.51	1,260	-	<0.500	485	7.47	<0.500	53	27.6	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	1,050	-	<0.500	483	7.41	<0.500	45	24.4	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	1,770	-	<0.500	350	8.39	<0.500	45.8	22	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/26/2010	<0.5	<0.5	<0.5	Δ	Δ	1,890	-	<0.5	571	8.99	<0.5	-	27.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	12/8/2010	<0.5	<0.5	<0.5	Δ	Δ	2,640	-	<0.5	579	13	<0.5	-	38.4	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2011	<0.5	<0.5	<0.5	Δ	Δ	4,390	-	<0.5	596	11.1	<0.5	-	30.1	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	2/8/2011	<0.5	<0.5	<0.5	Δ	Δ	2,870	-	<0.5	500	10.1	<0.5	-	33.8	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	Δ	Δ	2,020	-	<0.5	204	8.38	<0.5	-	24.3	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/12/2011	<0.5	<0.5	<0.5	Δ	Δ	1,350	-	<0.5	319	7.28	<0.5	-	19.4	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/7/2011	<0.5	<0.5	<0.5	Δ	Δ	563	-	<0.5	308	6.38	<0.5	11	7.87	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	Δ	Δ	1,920	-	<0.5	1,830	9.77	<0.5	78.8 V8	31.3	-	-	-	-	-	-	-	<0.5	<0.5	-	-
8/19/2011	<0.5	<0.5	<0.5	Δ	Δ	588	-	<0.5	247	5.46	<0.5	34.4	15.6	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
9/27/2011	<0.5	<0.5	<0.5	Δ	Δ	722	-	<0.5	658	5.16	<0.5	49.1 V8	19	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
10/18/2011	<0.5	<0.5	<0.5	Δ	Δ	526	-	<0.5	262	4.77	<0.5	24.6	13.9	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
11/16/2011	<0.5	<0.5	<0.5	Δ	Δ	642 V8	-	<0.5	346	5.87	<0.5	17.8	12.3	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
12/8/2011	<0.5	<0.5	<0.5	Δ	Δ	568	-	<0.5	322	5.38	<0.5	30.4	16.6	-	-	-	-	-	-	-	<0.5	<0.5	-	-	



**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3990-FARM-INF (cont.)	4/18/2012	<0.5	<0.5	<0.5	<1	<3	554	-	<0.5	84.8 VH	4.75	<0.5	4.35 VH	8.04	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/21/2012	<0.5	<0.5	<0.5	<1	<3	430	-	<0.5	102 VH	3.74	<0.5	10.8	7.96	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/14/2012	<0.5	<0.5	<0.5	<1	<3	510 QK	-	<0.5	306	4.59	<0.5	26.9	14.4	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/6/2012	<0.5	<0.5	<0.5	<1	<3	749	-	<0.5	396	5.01	<0.5	30.3	14.2	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/12/2012	<0.5	<0.5	<0.5	<1	<3	555	-	<0.5	223	<0.5	<0.5	20.8	13.6	-	-	-	-	-	-	-	<0.5	<0.5	-	5.6
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	688	-	<0.5	309	5.01	<0.5	25.2	17.6	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	2/21/2013	<0.5	<0.5	<0.5	<1	<3	383 QK	-	<0.5	88.9	3.51	<0.5	6.73	6.89	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/23/2013	<0.5	<0.5	<0.5	<1	<3	305 QK	-	<0.5	79.3	3.01	<0.5	4.3	5.91	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/20/2013	<0.5	<0.5	<0.5	<1	<3	426 QK	-	<0.5	163	3.85	<0.5	14.1	8.36	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	619	-	<0.5	106	3.76	<0.5	6.41	7.01	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	324	-	<0.5	83.9	3.93	<0.500	6.22	6.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	333	-	<0.5	110	2.93	<0.500	9.36	6.51	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	12/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	199	-	<0.5	134	3.81	<0.500	10.7	7.84	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	314	-	<0.500	97.5	2.85	<0.500	7.56	6.13	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	5/21/2014	<0.500	<0.500	<0.500	<1.00	<2.50	160	-	<0.500	5.00	1.78	<0.500	<2.50	3.58	-	-	-	-	-	-	-	<0.500	<0.500	-	-
7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	126	-	<0.500	<2.50	1.82	<0.500	<2.50	3.19	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	175	-	<0.500	22.8	2.33	<0.500	<2.50	3.69	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3990-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	10/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.8	
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
3990-RYEL-INF	5/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
3991-DAIS-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.9	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3991-FARM-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-		



**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3991-FARM-INF (cont.)	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/25/2010	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/10/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/14/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/16/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/18/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/15/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/17/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.8
	1/16/2013	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
4/23/2013	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
8/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
4/16/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3991-FARM-POU	8/15/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3991-RYEL-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3992-DAIS-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
3992-FARM-INF	5/15/2007	<1.0	<1.0	<1.0	<3.0	<6.0	710	<1.0	<2.0	360	3.6	<1.0	-	22	<20	<30	<1.0	<4.0	<1.0	3.3	<1.0	<3.0	<20	-
	5/30/2007	<1.0	<1.0	<1.0	<3.0	<6.0	630	<1.0	<2.0	330	3	<1.0	-	16	23	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	29	-
	6/13/2007	<1.0	<1.0	<1.0	<3.0	<6.0	640	<1.0	<2.0	110	3.8	<1.0	-	17	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
	7/18/2007	<1.0	<1.0	<1.0	<3.0	<6.0	930	<1.0	<2.0	440	4.6	<1.0	-	24	<20	<30	<1.0	<4.0	<1.0	3	<1.0	<3.0	<20	-
	8/29/2007	<1.0	<1.0	<1.0	<3.0	<6.0	880	<1.0	<2.0	520	4.7	<1.0	-	25	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
	9/26/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.1	<0.2	500	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.7	<0.1	<0.2	<0.1	<0.3	<2.0	<2.0
	10/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	520	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-



**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3992-FARM-INF (cont.)	11/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	8.4	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	12/19/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	660	6.6	<1.0	-	37	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	1/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	530	5.6	<1.0	-	43	<20	<30	<1.0	<4.0	<1.0	2.5	<1.0	<3.0	<20	-	
	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	500	4.5	<1.0	-	30	<20	<30	<1.0	<4.0	<1.0	2.7	<1.0	<3.0	<20	-	
	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	380	5	<1.0	-	26	<20	<30	<1.0	<4.0	<1.0	6.5	<1.0	<3.0	<20	-	
	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	780	<1.0	<2.0	490	4.7	<1.0	-	22	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	5/5/2008	<1.0	<1.0	<1.0	<3.0	<6.0	850	<1.0	<2.0	390	4.1	<1.0	-	25	<20	<100	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	6/18/2008	<0.3	<0.3	<0.3	<0.8	<1.7	500	<0.3	<0.5	270	3.3	<0.3	-	15	<5.0	26	<0.3	<1.0	<0.3	<0.5	<0.3	<0.8	<5.0	-	
	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	760	<0.5	<1.0	340	4.1	<0.5	-	19	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	990	<1.0	<2.0	460	4.3	<1.0	-	25	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	9/17/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,000	<1.0	<2.0	1,100	4.2	<1.0	-	24	20	120	2.4	<4.0	16	<2.0	<1.0	<3.0	<20	-	
	10/15/2008	<1.0	1.1	<1.0	<3.0	1.1	1,300	<1.0	<2.0	500	6.2	<1.0	-	33	<20	<30	<1.0	<4.0	1.1	<2.0	<1.0	10	<20	-	
	11/5/2008	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<0.1	<0.2	140	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	1	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	12/10/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	900	8.2	<1.0	-	39	<20	37	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	1/14/2009	0.75	<0.500	<0.500	<0.500	0.75	1,750	-	<0.500	1,230	8.16	<0.500	92.8	31.4	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	2/11/2009	0.69	<0.500	<0.500	<0.500	0.69	1,710	-	<0.500	930	8.65	<0.500	75.6	31.8	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	3/18/2009	0.73	<0.500	<0.500	<0.500	0.73	1,460	-	<0.500	906	10.7	<0.500	56	31.3	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/15/2009	0.51	<0.500	<0.500	<0.500	0.51	2,290	-	<0.500	1,230	8.22	<0.500	73.6	35.9	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,020	-	<0.500	413	7.07	<0.500	26.4	14.8	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,110	-	<0.500	372	6.06	<0.500	31.1	16.8	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	381	-	<0.500	15.6	3.57	<0.500	<2.50	6.5	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/12/2010	<0.500	<0.500	<0.500	<0.500	<2.000	536	-	<0.500	107	3.92	<0.500	6.05	7.87	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	1,280	-	<0.500	98.6	6.58	<0.500	14.3	13	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/27/2010	<0.5	<0.5	<0.5	Δ	Δ	1,660	-	<0.5	286	8.49	<0.5	-	21.3	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/30/2010	<0.5	<0.5	<0.5	Δ	Δ	1,370	-	<0.5	436	9.36	<0.5	-	22.3	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	3/10/2011	<0.5	<0.5	<0.5	Δ	Δ	1,300	-	<0.5	206	6.55	<0.5	-	21.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	Δ	Δ	1,110	-	<0.5	99.6	5.83	<0.5	-	13.4	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/11/2011	<0.5	<0.5	<0.5	Δ	Δ	500	-	<0.5	18.9	4.8	<0.5	-	6.28	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/26/2011	<0.5	<0.5	<0.5	Δ	Δ	778	-	<0.5	281	5.5	<0.5	16	13	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/19/2011	<0.5	<0.5	<0.5	Δ	Δ	649	-	<0.5	168	4.22	<0.5	21.8	9.61	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/18/2011	<0.5	<0.5	<0.5	Δ	Δ	374	-	<0.5	21.7	3.64	<0.5	<2.5	6.99	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/16/2011	<0.5	<0.5	<0.5	Δ	Δ	962 V8	-	<0.5	27.1	3.59	<0.5	<2.5	6.45	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	12/8/2011	<0.5	<0.5	<0.5	Δ	Δ	285	-	<0.5	14.2	3.83	<0.5	<2.5	6.43	-	-	-	-	-	-	-	<0.5	<0.5	-	-
1/25/2012	<0.5	<0.5	<0.5	Δ	Δ	323	-	<0.5	102	4.75	<0.5	3.84	4.33	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
4/3/2012	<0.5	<0.5	<0.5	Δ	Δ	241 QK	-	<0.5	12.4	3.28	<0.5	<2.5	3.3	-	-	-	-	-	-	-	<0.5	2.92	-	-	
5/21/2012	<0.5	<0.5	<0.5	Δ	Δ	341	-	<0.5	53.8 VH	3.15	<0.5	4.06	4.86	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
6/13/2012	<0.5	<0.5	<0.5	Δ	Δ	323 QK	-	<0.5	129	3.1	<0.5	10.8	7.09	-	-	-	-	-	-	-	<0.5	<0.5	-	-	



**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
3992-FARM-INF (cont.)	7/23/2012	<0.5	<0.5	<0.5	<1	<3	848	-	<0.5	371	5.78	<0.5	17.3	8.87	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/23/2012	<0.5	<0.5	<0.5	<1	<3	316	-	<0.5	30.4	3.3	<0.5	<2.5	5.17	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	817	-	<0.5	21	3.45	<0.5	<2.5	5.87	-	-	-	-	-	-	<0.5	<0.5	-	5.6
	11/14/2012	<0.5	<0.5	<0.5	<1	<3	252 VH	-	<0.5	18.1	4.53 VH	<0.5	<2.5	4.68	-	-	-	-	-	-	<0.5	<0.5	-	-
	12/24/2012	<0.5	<0.5	<0.5	<1	<3	285 QK	-	<0.5	98.5	2.72	<0.5	7.18	6.64	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	475	-	<0.5	96.4	3.7	<0.5	4.76	10.4	-	-	-	-	-	-	<0.5	<0.5	-	-
	2/20/2013	<0.5	<0.5	<0.5	<1	<3	219 QK	-	<0.5	10.1	3.19 VH	<0.5	<2.5	3.37	-	-	-	-	-	-	<0.5	<0.5	-	-
	3/27/2013	<0.5	<0.5	<0.5	<1	<3	95.9	-	<0.5	9.05	2.04	<0.5	<2.5	1.15	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/23/2013	<0.5	<0.5	<0.5	<1	<3	92.9	-	<0.5	11.2	1.34	<0.5	<2.5	1.08	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/20/2013	<0.5	<0.5	<0.5	<1	<3	133	-	<0.5	<2.5	1.12	<0.5	<2.5	1.99	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/24/2013	<0.5	<0.5	<0.5	<1	<3	343	-	<0.5	9.63	2.38	<0.5	<2.5	1.56	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/14/2013	<0.500	<0.500	<0.500	<1.00	<2.50	339	-	<0.500	10	2.16	<0.500	<2.50	1.67	-	-	-	-	-	-	<0.500	<0.500	-	-
	9/11/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.501	7.92	<0.50	<0.501	<2.50	<0.50	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/23/2013	<1.00	<1.00	<1.00	<2.00	<5.00	145	-	<0.501	21	2.04	<1.00	<5.00	2.88	-	-	-	-	-	-	<0.500	<0.500	-	-
	12/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	155	-	<0.501	13.6	2.03	<0.500	<2.50	2.24	-	-	-	-	-	-	<0.500	<0.500	-	-
	2/18/2014	<0.500	<0.500	<0.500	<1.00	<2.50	80.6	-	<0.500	3.5	1.23	<0.500	<2.50	1.26	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	81.5	-	<0.500	6.56	1.19	<0.500	<2.50	1.58	-	-	-	-	-	-	<0.500	<0.500	-	-
7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	50.2	-	<0.500	<2.50	0.810	<0.500	<2.50	0.850	-	-	-	-	-	-	<0.500	<0.500	-	-	
11/6/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<2.50	<2.50	0.850	-	-	-	-	-	-	<0.500	<0.500	-	-	
3992-FARM-POU	8/23/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.7
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-RYEL-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.1	<2.3	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/20/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	2.57	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/13/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-





HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3992-RYEL-INF (cont.)	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
3992-RYEL-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
3993-DAIS-INF	5/29/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
3993-FARM-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.8	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	7/27/2007	<0.1	0.1	<0.1	<0.3	0.1	1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	0.4	<2.0	-	-
	10/8/2007	<0.1	0.2	<0.1	<0.3	0.2	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	11/14/2007	<0.1	0.1	<0.1	<0.3	0.1	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	4/16/2008	<0.1	0.1	<0.1	<0.3	0.1	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/27/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	5.6
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	



Table 8

**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3993-FARM-INF (cont.)	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3993-FARM-POU	8/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
3994-DAIS-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3994-FARM-INF (DUP)	10/25/2010	<0.500	<0.500	<0.500	<1.00	<2.50	938 V8	-	<0.500	481 V8	5.40 V8	<0.500	-	15.7	-	-	-	-	-	-	<0.500	<0.500	-	-	
	4/5/2011	<0.5	<0.5	<0.5	<1	<3	902	-	<0.5	68.1	4.11	<0.5	-	8.03	-	-	-	-	-	-	<0.5	<0.5	-	-	
3994-FARM-INF	4/24/2007	<1	<1	<1	<2	<5	480	-	<2	300	3.3	<1	-	17	-	-	-	-	-	-	-	-	-	-	
	5/7/2007	<1.0	<1.0	<1.0	<3.0	<6.0	690	<1.0	<2.0	340	3.2	<1.0	-	18	71	<30	<1.0	<4.0	<1.0	4.6	<1.0	<3.0	60	-	
	5/16/2007	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	<0.5	<1.0	540	4.6	<0.5	-	28	14	25	<0.5	<2.0	<0.5	2	<0.5	<1.5	12	-	
	6/13/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<2.0	<4.0	560	4.9	<2.0	-	31	<40	<60	<2.0	<8.0	<2.0	<4.0	<2.0	<6.0	<40	-	
	7/2/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<2.0	<4.0	630	4.8	<2.0	-	30	<40	<60	<2.0	<8.0	<2.0	5.9	<2.0	<6.0	<40	-	
	8/8/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	420	4.3	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	9/26/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<2.0	<4.0	680	4.6	<2.0	-	27	<40	<60	<2.0	<8.0	<2.0	6.1	<2.0	<6.0	<40	-	
	10/12/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<2.0	<4.0	590	4.5	<2.0	-	26	<40	<60	<2.0	<8.0	<2.0	5.1	<2.0	<6.0	<40	-	
	11/14/2007	<1.0	<1.0	<1.0	<3.0	<6.0	930	<1.0	<2.0	430	4.6	<1.0	-	25	<20	<30	<1.0	<4.0	<1.0	8.7	<1.0	<3.0	<20	-	
	12/19/2007	<1.0	<1.0	<1.0	<3.0	<6.0	850	<1.0	<2.0	490	4	<1.0	-	23	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	1/23/2008	<0.5	<0.5	<0.5	<1.5	<3.0	750	<0.5	<1.0	330	2.7	<0.5	-	20	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	2/13/2008	<0.5	<0.5	<0.5	<1.5	<3.0	670	<0.5	<1.0	370	2.7	<0.5	-	19	<10	<15	<0.5	<2.0	<0.5	1.6	<0.5	<1.5	<10	-	
	3/12/2008	<0.5	<0.5	<0.5	<1.5	<3.0	610	<0.5	<1.0	250	2.4	<0.5	-	16	<10	<15	<0.5	<2.0	<0.5	1.4	<0.5	<1.5	<10	-	
	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	360	<1.0	<2.0	260	2	<1.0	-	9.7	<20	<30	<1.0	<4.0	<1.0	5.6	<1.0	<3.0	<20	-	
	5/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	240	<0.1	<0.2	130	1.7	<0.1	-	6.5	<2.0	14	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	6/26/2008	<1.0	<1.0	<1.0	<3.0	<6.0	790	<1.0	<2.0	480	4	<1.0	-	21	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	7/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	580	5.9	<1.0	-	28	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	640	4.2	<1.0	-	27	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	9/17/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<1.0	<2.0	710	5.7	<1.0	-	26	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	10/15/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	570	6.2	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	11	<20	-	
	11/19/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,600	<1.0	<2.0	1,200	8.3	<1.0	-	38	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	12/11/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	810	6.4	<1.0	-	28	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	1/14/2009	0.62	<0.500	<0.500	<0.500	0.62	1,030	-	<0.500	786	5.5	<0.500	68.7	20.2	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	2/11/2009	0.73	<0.500	<0.500	<0.500	0.73	1,360	-	<0.500	741	7.53	<0.500	65.5	26.9	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	3/18/2009	0.58	<0.500	<0.500	<0.500	0.58	1,100	-	<0.500	768	8.18	<0.500	49.5	22.1	-	-	-	-	-	-	-	<0.500	<0.500	-	-
4/15/2009	0.56	<0.500	<0.500	<0.500	0.56	1,780	-	<0.500	1,140	5.92	<0.500	60.2	24.8	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	861	-	<0.500	660	8.14	<0.500	65.4	22	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	988	-	<0.500	389	4.87	<0.500	37	14.8	-	-	-	-	-	-	-	<0.500	<0.500	-	-	

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3994-FARM-INF (cont.)	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	578	-	<0.500	195	4.08	<0.500	12.8	10.5	-	-	-	-	-	-	<0.500	<0.500	-	-	
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	970	-	<0.500	438	7.4	<0.500	29.9	18.5	-	-	-	-	-	-	<0.500	<0.500	-	-	
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	878	-	<0.500	284	8.08	<0.500	39.8	16.5	-	-	-	-	-	-	<0.500	<0.500	-	-	
	10/25/2010	<0.5	<0.5	<0.5	Δ	Δ	1,990	-	<0.5	346	6.75	<0.5	-	15.2	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/4/2011	<0.5	<0.5	<0.5	Δ	Δ	1,320	-	<0.5	522	6.97	<0.5	-	15.7	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/5/2011	<0.5	<0.5	<0.5	Δ	Δ	932	-	<0.5	59.6	4.5	<0.5	-	8.93	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/11/2011	<0.5	<0.5	<0.5	Δ	Δ	346	-	<0.5	41.4	3.77	<0.5	-	3.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/7/2011	<0.5	<0.5	<0.5	Δ	Δ	368	-	<0.5	112	5.09	<0.5	3.78	4.52	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	Δ	Δ	745	-	<0.5	481 V8	5.37	<0.5	24.4 V8	12	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	9/8/2011	<0.5	<0.5	<0.5	Δ	Δ	607	-	<0.5	248	4.02	<0.5	20	12.2	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	9/27/2011	<0.5	<0.5	<0.5	Δ	Δ	303	-	<0.5	36.4	2.11	<0.5	<2.5	5.52	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/20/2011	<0.5	<0.5	<0.5	Δ	Δ	328	-	<0.5	35.9	2.34	<0.5	<2.5	5.79	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	12/8/2011	<0.5	<0.5	<0.5	Δ	Δ	709	-	<0.5	96	3.28	<0.5	7.39	7.41	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/13/2012	<0.5	<0.5	<0.5	Δ	Δ	664	-	<0.5	42.3	3.26	<0.5	<2.5	4.07	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/3/2012	<0.5	<0.5	<0.5	Δ	Δ	217 QK	-	<0.5	14.5	2.78	<0.5	<2.5	3.06	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/21/2012	<0.5	<0.5	<0.5	Δ	Δ	256	-	<0.5	73.5 VH	2.37	<0.5	6.94	4.33	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/18/2012	<0.5	<0.5	<0.5	Δ	Δ	174 QK	-	<0.5	33.5	1.82	<0.5	<2.5	3.54	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/6/2012	<0.5	<0.5	<0.5	Δ	Δ	284	-	<0.5	110	3.1	<0.5	<2.5	5.89	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	9/21/2012	<0.500	<0.500	<0.500	<1.00	<2.50	137 QK	-	<0.500	7.93 VH	1.41 VH	<0.500	<2.50	2.89	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/3/2012	<0.5	<0.5	<0.5	Δ	Δ	173 QK	-	<0.5	40.2	<0.5	<0.5	<2.5	4.01	-	-	-	-	-	-	-	<0.5	<0.5	-	5.5
	12/13/2012	<0.5	46.8	<0.5	Δ	Δ	206 QK	-	<0.5	107	2.08	<0.5	8.82	4.57	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/17/2013	<0.5	1.86	<0.5	Δ	Δ	2	339	-	<0.5	104	2.08	<0.5	7.45	5.52	-	-	-	-	-	-	<0.5	<0.5	-	-
	2/21/2013	<0.5	1.11	<0.5	Δ	Δ	1	150 QK	-	<0.5	38	2.91 VH	<0.5	<2.5	2.3	-	-	-	-	-	-	<0.5	<0.5	-	-
	3/19/2013	<0.5	<0.5	<0.5	Δ	Δ	108 QK	-	<0.5	30.8	1.94	<0.5	<2.5	1.88	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	5/23/2013	<0.5	<0.5	<0.5	Δ	Δ	112	-	<0.5	28.7	<0.5	<0.5	<2.5	2.16	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/20/2013	<0.5	<0.5	<0.5	Δ	Δ	110 QK	-	<0.5	16.8	<0.5	<0.5	<2.5	1.87	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	Δ	Δ	269	-	<0.5	41.6	1.78	<0.5	<2.5	2.49	-	-	-	-	-	-	-	<0.5	<0.5	-	-
8/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	296	-	<0.500	19	1.5	<0.500	<2.50	1.87	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
9/11/2013	<0.500	<0.500	<0.500	<1.00	<2.50	232	-	<0.500	27.0	1.15	<0.500	<2.50	1.86	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	104	-	<0.500	18.4	1.2	<0.500	<2.50	1.82	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
12/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	95.6	-	<0.500	12.2	1.14	<0.500	<2.50	1.64	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	93.8	-	<0.500	7.94	1.03	<0.500	<2.50	1.57	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	53.5	-	<0.500	3.31	0.91	<0.500	<2.50	1.12	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	83.8	-	<0.500	<2.50	0.930	<0.500	<2.50	1.54	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	50.2	-	<0.500	14.9	0.710	<0.500	<2.50	1.08	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3994-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	10/3/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.2	
	1/17/2013	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	5/23/2013	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	



## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3994-RYEL-INF	4/5/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
3994-RYEL-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3995-DAIS-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3995-FARM-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-	
	4/14/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.2	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	3.3	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.2	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-	
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/27/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3995-FARM-INF (cont.)	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	7/26/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	4/18/2012	<0.5	4.32	<0.5	<1	4	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	6/20/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	8/15/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	-	-	-	-	<0.500	<0.500	-	-	
	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.7	
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	5/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	-	-	-	-	<0.500	<0.500	-	-	
	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	-	-	-	-	<0.500	<0.500	-	-	
4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	-	-	-	-	<0.500	<0.500	-	-		
7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	-	-	-	-	<0.500	<0.500	-	-		
11/18/2014	<0.501	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	-	-	-	-	<0.500	<0.500	-	-		
3995-FARM-POU	8/15/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3995-RYEL-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3996-DAIS-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3996-FARM-INF (DUP)	10/26/2010	<0.5	<0.5	<0.5	<1	<3	10.5	-	<0.5	<2.5	1.7	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	70.6	-	<0.5	29.4	<0.5	<0.5	<2.5	1.12	-	-	-	-	-	-	<0.5	<0.5	-	-	
	4/24/2013	<0.5	<0.5	<0.5	<1	<3	60.8	-	<0.5	31.6 VC	<0.5	<0.5	<2.5	1.28	-	-	-	-	-	-	<0.5	<0.5	-	-	
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	48.7	-	<0.5	21	0.56	<0.5	<2.5	0.76	-	-	-	-	-	-	<0.5	<0.5	-	-	
	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	33.6	-	<0.500	10.2	<0.500	<0.500	<2.50	0.58	-	-	-	-	-	-	<0.500	<0.500	-	-	
	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	20.8	-	<0.500	6.07	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3996-FARM-INF	4/16/2007	0.2	<0.1	<0.1	<0.3	0.2	370	<0.1	<0.2	260	2	<0.1	-	12	<2.0	27	<0.1	<0.4	0.1	0.6	0.3	<0.3	<2.0	-	
	5/3/2007	<0.5	<0.5	<0.5	<1.5	<3.0	430	<0.5	<1.0	250	1.9	<0.5	-	12	29	21	<0.5	<2.0	<0.5	1.5	<0.5	<1.5	25	-	
	6/13/2007	<0.5	<0.5	<0.5	<1.5	<3.0	360	<0.5	<1.0	220	1.9	<0.5	-	11	<10	15	<0.5	<2.0	<0.5	1	<0.5	<1.5	<10	-	
	7/18/2007	<1.0	<1.0	<1.0	<3.0	<6.0	390	<1.0	<2.0	230	1.6	<1.0	-	9.3	<20	<30	<1.0	<4.0	<1.0	2.8	<1.0	<3.0	<20	-	
	8/8/2007	<0.4	<0.4	<0.4	<1.2	<2.4	320	<0.4	<0.8	190	1.6	<0.4	-	9.3	<8.0	25	<0.4	<1.6	<0.4	1	<0.4	<1.2	<8.0	-	
	9/27/2007	<0.4	<0.4	<0.4	<1.2	<2.4	330	<0.4	<0.8	220	1.6	<0.4	-	8.6	<8.0	<12	<0.4	<1.6	<0.4	1	<0.4	<1.2	<8.0	-	
	10/12/2007	<0.5	<0.5	<0.5	<1.5	<3.0	250	<0.5	<1.0	180	1.4	<0.5	-	7.6	<10	<15	<0.5	<2.0	<0.5	2.7	<0.5	<1.5	<10	-	
	11/14/2007	<0.3	<0.3	<0.3	<0.8	<1.7	240	<0.3	<0.5	140	1.1	<0.3	-	6.2	<5.0	<7.5	<0.3	<1.0	<0.3	1.4	<0.3	<0.8	<5.0	-	
	12/19/2007	<0.2	<0.2	<0.2	<0.6	<1.2	230	<0.2	<0.4	140	1.3	<0.2	-	6.5	<4.0	7.8	<0.2	<0.8	<0.2	<0.4	<0.2	<0.6	4.5	-	

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*	5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3996-FARM-INF (cont.)	2/13/2008	0.1	<0.1	<0.1	<0.3	0.1	220	<0.1	<0.2	110	0.9	<0.1	-	5.8	<2.0	12	<0.1	<0.4	<0.1	<0.2	0.2	<0.3	5.9	-	
	3/25/2008	0.1	<0.1	<0.1	<0.3	0.1	160	<0.1	<0.2	100	0.9	<0.1	-	5.3	<2.0	22	<0.1	<0.4	<0.1	0.3	0.2	<0.3	3.5	-	
	4/16/2008	<0.2	<0.2	<0.2	<0.6	<1.2	150	<0.2	<0.4	99	0.8	<0.2	-	4.2	<4.0	8.3	<0.2	<0.8	<0.2	0.7	<0.2	<0.6	4.6	-	
	5/21/2008	0.1	<0.1	<0.1	<0.3	0.1	180	<0.1	<0.2	130	1.1	<0.1	-	6.2	<2.0	54	<0.1	<0.4	<0.1	0.3	0.2	<0.3	6.1	-	
	6/18/2008	<0.3	<0.3	<0.3	<0.8	<1.7	310	<0.3	<0.5	230	1.7	<0.3	-	9	<5.0	100	<0.3	<1.0	<0.3	0.7	<0.3	<0.8	<5.0	-	
	7/23/2008	<0.5	<0.5	<0.5	<1.5	<3.0	350	<0.5	<1.0	220	1.7	<0.5	-	8.4	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	8/20/2008	0.3	<0.1	<0.1	<0.3	0.3	380	<0.1	<0.2	240	1.9	<0.1	-	10	3.5	21	<0.1	<0.4	<0.1	<0.2	0.2	<0.3	<2.0	-	
	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	290	<0.5	<1.0	180	1.6	<0.5	-	6.6	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	10/15/2008	0.3	<0.3	<0.3	<0.8	0.3	370	<0.3	<0.5	220	1.9	<0.3	-	9.4	<5.0	20	<0.3	<1.0	<0.3	<0.5	<0.3	<0.8	<5.0	-	
	11/19/2008	<0.3	<0.3	<0.3	<0.8	<1.7	360	<0.3	<0.5	260	1.9	<0.3	-	7.9	<5.0	12	<0.3	<1.0	<0.3	<0.5	<0.3	<0.8	<5.0	-	
	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.000	276	-	-	91.7	1.63	<0.500	3.06	5.23	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	289	-	<0.500	107	1.56	<0.500	7.29	4.97	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.000	379	-	-	104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.000	208	-	<0.500	17	1.35	<0.500	<2.50	3.39	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	3/18/2009	<0.500	<0.500	<0.500	<0.500	<2.000	222	-	<0.500	22.3	1.75	<0.500	<2.50	2.66	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	182	-	<0.500	7.35	1.35	<0.500	<2.50	2	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	242	-	<0.500	32.5	2.33	<0.500	<2.50	2.58	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	23.7	-	<0.500	<2.50	1.1	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	38.3	-	<0.500	8.7	2.08	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	29.9	-	<0.500	<2.50	2.3	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/26/2010	<0.5	<0.5	<0.5	<1	<3	9.4	-	<0.5	<2.5	1.39	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	15	-	<0.5	<2.5	1.61	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/5/2011	<0.5	<0.5	<0.5	<1	<3	12.6	-	<0.5	<2.5	1.36	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	18	-	<0.5	<2.5	1.37	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	9/16/2011	<0.5	1.8 V8	<0.5	<1	2	246	-	<0.5	87.8	<0.5	<0.5	<2.5	3.1 V8	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	9/27/2011	<0.5	<0.5	<0.5	<1	<3	142 L1	-	<0.5	180	1.18	<0.5	12.3 V8	3.4	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/11/2011	<0.5	0.5	<0.5	<1	1	212	-	<0.5	103	<0.5	<0.5	9.27	3.87	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	12/8/2011	<0.5	<0.5	<0.5	<1	<3	199	-	<0.5	105	1.69	<0.5	11.6	4.29	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	2/16/2012	<0.5	<0.5	<0.5	<1	<3	192	-	<0.5	39.4 VH	1.26	<0.5	<2.5	2.76	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2012	<0.5	<0.5	<0.5	<1	<3	104	-	<0.5	35.6	1.25	<0.5	<2.5	1.53	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	6/14/2012	<0.5	<0.5	<0.5	<1	<3	84.8	-	<0.5	48.3	0.89	<0.5	<2.5	1.77	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/8/2012	<0.5	<0.5	<0.5	<1	<3	103	-	<0.5	62.7	1.16	<0.5	<2.5	2.16	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/4/2012	<0.5	<0.5	<0.5	<1	<3	52.6	-	<0.5	29.4	<0.5	<0.5	2.97	0.87	-	-	-	-	-	-	-	<0.5	<0.5	-	5.6
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	68.9	-	<0.5	40	<0.5	<0.5	2.52	1.52	-	-	-	-	-	-	-	<0.5	<0.5	-	-
4/24/2013	<0.5	<0.5	<0.5	<1	<3	61.5	-	<0.5	31.6	<0.5	<0.5	<2.5	0.73	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
7/23/2013	<0.5	<0.5	<0.5	<1	<3	48.6	-	<0.5	20.4	0.6	<0.5	<2.5	0.79	-	-	-	-	-	-	-	<0.5	<0.5	-	-	



## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3996-FARM-INF (cont.)	10/24/2013	<1.00	<1.00	<1.00	<2.00	<5.00	29.3	-	<0.5	13.2	<1.00	<1.00	<5.00	<1.00	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	33.3	-	<0.500	10.1	<0.500	<0.500	<2.50	0.55	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	28.2	-	<0.500	10.0	<0.500	<0.500	<2.50	0.55	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/14/2014	<0.500	<0.500	<0.500	<1.00	<2.50	28.7	-	<0.500	15.4	<0.500	<0.500	<2.50	0.55	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	21.0	-	<0.500	7.29	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	13.7	-	<0.500	6.82	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-POU	8/8/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	39.2	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	5.5
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-RYEL-INF	4/5/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	-
	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/17/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/18/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	2/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	9/5/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	3996-RYEL-POU	8/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	3997-DAIS-INF	5/29/2007	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3997-FARM-INF (DUP)	1/12/2011	<0.500	<0.500	<0.500	<1.00	<2.50	1,670	-	<0.500	341	10.1	<0.500	-	27.3	-	-	-	-	-	-	<0.500	<0.500	-	-	
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	3.89	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	10/4/2012	<0.5	<0.5	<0.5	<1	<3	1.4	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
3997-FARM-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	14	<0.1	<0.2	<5.0	1.9	<0.1	-	0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	5/1/2007	<0.1	<0.1	<0.1	<0.2	<0.5	3.7	-	<0.2	<5	0.2	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-	
	6/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	140	<0.1	<0.2	19	2.7	<0.1	-	2.2	<2.0	4.4	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/17/2007	<1.0	<1.0	<1.0	<3.0	<6.0	710	<1.0	<2.0	300	5.8	<1.0	-	20	<2.0	<3.0	<1.0	<4.0	<1.0	5.7	<1.0	<3.0	<2.0	-	
	8/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	0.3	<0.1	<0.3	<2.0	-	
	9/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	340	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	490	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.5	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	820	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3997-FARM-INF (cont.)	12/19/2007	1.1	<1.0	<1.0	<3.0	1.1	3,300	<1.0	<2.0	1,500	18	<1.0	-	100	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	1/16/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,700	<2.0	<4.0	1,000	13	<2.0	-	93	<40	<60	<2.0	<8.0	<2.0	5.2	<2.0	<6.0	<40	-	
	2/13/2008	<0.5	<0.5	<0.5	<1.5	<3.0	640	<0.5	<1.0	210	4	<0.5	-	18	<10	<15	<0.5	<2.0	<0.5	1.6	<0.5	<1.5	<10	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	130	<0.1	<0.2	7.4	1.6	<0.1	-	3.5	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	110	<0.1	<0.2	24	1.4	<0.1	-	2.3	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	5/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	130	<0.1	<0.2	18	1.5	<0.1	-	3.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	6/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	56	<0.1	<0.2	13	0.9	<0.1	-	1	<2.0	3.9	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	460	<0.5	<1.0	77	4.2	<0.5	-	8.2	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	8/20/2008	<0.5	<0.5	<0.5	<1.5	<3.0	690	<0.5	<1.0	200	4.8	<0.5	-	20	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	<0.5	<1.0	400	7	<0.5	-	30	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	10/15/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	<0.5	<1.0	400	6.4	<0.5	-	33	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	11/19/2008	0.9	<0.5	<0.5	<1.5	0.9	2,100	<0.5	<1.0	980	14	<0.5	-	63	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-	
	12/10/2008	1.4	<1.0	<1.0	<3.0	1.4	2,800	<1.0	<2.0	1,500	16	<1.0	-	80	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-	
	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.000	500	-	-	66.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	493	-	<0.500	79.2	3	<0.500	<2.50	8.95	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.000	426	-	-	61.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,110	-	<0.500	274	7.7	<0.500	26.4	23.3	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	3/18/2009	0.89	<0.500	<0.500	<0.500	0.89	2,060	-	<0.500	1,120	17	<0.500	87.1	53.3	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2009	0.87	<0.500	<0.500	<0.500	0.87	3,680	-	<0.500	1,700	14.5	<0.500	94.7	61.8	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	136	-	<0.500	21.5	3.04	<0.500	<2.50	1.89	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	608	-	<0.500	93.1	6.49	<0.500	8.45	8.22	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	21.5	-	<0.500	<2.50	1.35	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	6.87	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	20.5	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/25/2010	<0.5	<0.5	<0.5	Δ	Δ	60.7	-	<0.5	<2.5	3.07	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/12/2011	<0.5	<0.5	<0.5	Δ	Δ	2,010	-	<0.5	446	9.18	<0.5	-	21.1	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	Δ	Δ	119	-	<0.5	<2.5	1.83	<0.5	-	1.73	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/12/2011	<0.5	<0.5	<0.5	Δ	Δ	34.3	-	<0.5	<2.5	3.88	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/15/2011	<0.5	<0.5	<0.5	Δ	Δ	83.5	-	<0.5	<2.5	4.98	<0.5	<2.5	0.76	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	9/30/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
10/19/2011	<0.5	<0.5	<0.5	Δ	Δ	7.68	-	<0.5	<2.5	1.15	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
11/16/2011	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
12/8/2011	<0.5	<0.5	<0.5	Δ	Δ	6.45	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
1/11/2012	<0.5	<0.5	<0.5	Δ	Δ	3.62	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
4/4/2012	<0.5	<0.5	<0.5	Δ	Δ	1.71	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
6/14/2012	<0.5	<0.5	<0.5	Δ	Δ	1.07	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
7/12/2012	<0.5	<0.5	<0.5	Δ	Δ	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	
8/6/2012	<0.5	<0.5	<0.5	Δ	Δ	2.35	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-	



Table 8

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3997-FARM-INF (cont.)	10/4/2012	<0.5	<0.5	<0.5	<1	<3	1.33	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.4	
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	4/24/2013	<0.5	<0.5	<0.5	<1	<3	6.05	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	1.72	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/24/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.57	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	1.12	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	1.11	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	1.2	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
3997-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.8	
	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-	
3997-RYEL-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
3998-FARM-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/15/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/27/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	8/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/18/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH	
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA	
3998-FARM-INF (cont.)	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	6.0
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	20.3	<0.5	<1	20	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	9/3/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	8/28/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	11/18/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
3998-FARM-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
3998-RYEL-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.3	<0.3	<2.0	-	
	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.8	<0.3	<2.0	-	
	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.1	<0.3	<2.0	-	
	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.1	<0.3	<2.0	-	
	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-
	1/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	-	-
1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	<0.500	<0.500	-	-	
3998-RYEL-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-	
4002-CORN-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.9	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-	
11703-FNGR-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	
11711-FNGR-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-	

## HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		5	1,000	700	10,000	NA	20	66	0.65	NA	NA	NA	NA	NA	700	550	80	100	80	19	70	5	NA	NA
11711-SRNC-INF	4/16/2007	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
11712-SRNC-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
11713-SRNC-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	6.9	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
11892-BRLY-INF	5/3/2007 10/9/2007 4/17/2008 7/17/2008 10/15/2008	<0.1 <0.1 <0.1 <0.1 <0.1	0.2 <0.1 <0.1 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1	<0.3 <0.3 <0.3 <0.3 <0.3	0.2 <0.6 <0.6 <0.6 <0.6	<0.1 <0.1 <0.1 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1	<0.2 <0.2 <0.2 <0.2 <0.2	<5.0 <5.0 <5.0 <5.0 <5.0	<0.1 <0.1 <0.1 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1	- - - - -	<0.1 <0.1 <0.1 <0.1 <0.1	<2.0 <2.0 <2.0 <2.0 <2.0	<3.0 <3.0 <3.0 <3.0 <3.0	<0.1 <0.1 <0.1 <0.1 <0.1	<0.4 <0.4 <0.4 <0.4 <0.4	<0.1 <0.1 <0.1 <0.1 <0.1	<0.2 <0.2 <0.2 <0.2 <0.2	<0.1 <0.1 <0.1 <0.1 <0.1	2.3 <0.3 <0.3 <0.3 <0.3	<2.0 <2.0 <2.0 <2.0 <2.0	- - - - -
11894-BRLY-INF	5/3/2007 10/9/2007 1/24/2008 4/18/2008 7/24/2008 10/15/2008	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1 0.1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.3 <0.3 <0.3 <0.3 <0.3 <0.3	<0.6 <0.6 <0.6 <0.6 <0.6 0.1	0.3 0.2 0.2 0.2 0.2 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	- - - - - -	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<2.0 <2.0 <2.0 <2.0 <2.0 <2.0	<3.0 <3.0 <3.0 <3.0 <3.0 <3.0	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.4 <0.4 <0.4 <0.4 <0.4 <0.4	0.6 0.5 0.5 0.6 0.6 0.7	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.3 <0.3 <0.3 <0.3 <0.3 <0.3	<2.0 <2.0 <2.0 <2.0 <2.0 <2.0	- - - - - -
11896-BRLY-INF	5/24/2007 10/8/2007 1/23/2008 4/16/2008 7/24/2008 10/17/2008	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.3 <0.3 <0.3 <0.3 <0.3 <0.3	<0.6 <0.6 <0.6 <0.6 <0.6 <0.6	0.4 0.3 0.3 0.2 0.3 0.3	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	- - - - - -	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<2.0 <2.0 <2.0 <2.0 <2.0 <2.0	<3.0 <3.0 <3.0 <3.0 <3.0 3.1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.4 <0.4 <0.4 <0.4 <0.4 <0.4	0.4 0.3 0.3 0.4 0.4 0.4	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	<0.3 <0.3 <0.3 <0.3 <0.3 <0.3	<2.0 <2.0 <2.0 <2.0 <2.0 <2.0	- - - - - -
11902-FNGR-INF	3/16/2007 4/6/2007	<0.5 <0.1	<0.5 <0.1	<0.5 <0.1	<1.0 <0.3	<2.5 <0.6	<0.5 0.8	- <0.1	<0.5 <0.2	<5.0 <5.0	- <0.1	<0.5 <0.1	<5.0 -	<0.5 <0.1	- <2.0	- <3.0	- <0.1	- <0.4	- 0.7	- <0.2	- <0.1	- <0.3	- <2.0	- -
11906-FNGR-INF	4/25/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-

\* GW Clean-up Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers.

INF = Influent sample location

POU = Point-of-use sample location

<# = Less than the method detection limit of #

µg/L = Micrograms/Liter

2b = The spike recovery was outside acceptance limits for the MS and/or MSD.

12G = Laboratory Control Sampling (LCS) value was outside the Quality Control (QC) range. Data accepted based on acceptable check standard.

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.

L1 = This result was above the calibration range; therefore it is an estimated value.

**HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS**

Carroll - Monrovia MD - Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
<b>GW Clean-up Standards*</b>		<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>	<b>NA</b>	<b>20</b>	<b>66</b>	<b>0.65</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>700</b>	<b>550</b>	<b>80</b>	<b>100</b>	<b>80</b>	<b>19</b>	<b>70</b>	<b>5</b>	<b>NA</b>	<b>NA</b>

MTBE = Methyl Tertiary Butyl Ether

NA = Not Available or Not Analyzed for that specific compound

ND = Not Detected (# is method detection limit)

QK = This result was above the calibration range; therefore it is an estimated value.

V4 = Check standard was outside the QC range. Data accepted based on acceptable LCS.

V8 = LCS value was outside the QC range. Data accepted based on acceptable check standard.

VH = LCS value was outside the QC range. Data accepted based on acceptable check standard.

VC = Check standard was outside the QC range. Data accepted based on acceptable LCS.

VOC = Volatile Organic Compounds

Table 9

**SAMPLE FREQUENCY**

Carroll - Monrovia - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

<b>Well ID</b>	<b>Current Frequency</b>	<b>Sample Frequency Proposed from the January 2014 CAP</b>	<b>Proposed Sample Frequency</b>
MW-1	Quarterly	Quarterly	Quarterly
MW-2	Quarterly	Quarterly	Quarterly
MW-4	Quarterly	Eliminate	Eliminate
MW-5	Quarterly	Eliminate	Eliminate
MW-6	Quarterly	Eliminate	Eliminate
MW-7	Quarterly	Quarterly	Quarterly
MW-8	Quarterly	Quarterly	Quarterly
MW-9	Quarterly	Quarterly	Quarterly
MW-10	Quarterly	Quarterly	Quarterly
MW-11	Quarterly	Quarterly	Quarterly
MW-12	Quarterly	Eliminate	Eliminate
MW-13	Quarterly	Quarterly	Quarterly
MW-14S	Quarterly	Quarterly	Quarterly
MW-14D	Quarterly	Quarterly	Quarterly
MW-15D	Quarterly	Quarterly	Quarterly
MW-16	Quarterly	Quarterly	Quarterly
MW-17	Quarterly	Quarterly	Quarterly
MW-18S	Quarterly	NA	Quarterly
MW-18S-R	NA	NA	Quarterly
MW-18D	Quarterly	Quarterly	Quarterly
3737 Blueberry Court	Semi-annual	Eliminate	Eliminate
3739 Blueberry Court	Semi-annual	Eliminate	Eliminate
3740 Blueberry Court	Quarterly	Quarterly	Quarterly
3833 Greenridge Court	Semi-annual	Eliminate	Eliminate
3835 Greenridge Court	Semi-annual	Eliminate	Eliminate
3837 Greenridge Court	Semi-annual	Eliminate	Eliminate
3923 Rosewood	Quarterly	Quarterly	Eliminate
3979 Farm Lane	Semi-annual	Eliminate	Eliminate
3981 Farm Lane	Semi-annual	Eliminate	Eliminate
3983 Farm Lane	Semi-annual	Eliminate	Eliminate
3984 Farm Lane	Semi-annual	Eliminate	Eliminate
3984A Farm Lane	Semi-annual	Eliminate	Eliminate
3985 Farm Lane	Semi-annual	Eliminate	Eliminate
3987 Farm Lane	Semi-annual	Eliminate	Eliminate
3989 Farm Lane	Semi-annual	Eliminate	Eliminate
3990 Farm Lane	Quarterly	Quarterly	Quarterly

Table 9

**SAMPLE FREQUENCY**

Carroll - Monrovia - Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

<b>Well ID</b>	<b>Current Frequency</b>	<b>Sample Frequency Proposed from the January 2014 CAP</b>	<b>Proposed Sample Frequency</b>
3991 Farm Lane	Semi-annual	Eliminate	Eliminate
3992 Farm Lane	Quarterly	Quarterly	Quarterly
3992 Rye Lane	Semi-annual	Eliminate	Eliminate
3993 Farm Lane	Semi-annual	Eliminate	Eliminate
3994 Farm Lane	Quarterly	Quarterly	Quarterly
3994 Rye lane	Semi-annual	Eliminate	Eliminate
3995 Farm Lane	Quarterly	Quarterly	Quarterly
3996 Farm Lane	Quarterly	Quarterly	Quarterly
3996 Rye Lane	Semi-annual	Eliminate	Eliminate
3997 Farm Lane	Quarterly	Quarterly	Eliminate
3998 Farm Lane	Quarterly	Quarterly	Quarterly
3998 Rye Lane	Semi-annual	Eliminate	Eliminate
GVP-FR815955	Annually	Eliminate	Eliminate
GVP-FR881366	Annually	Eliminate	Eliminate
GVP-FR881394	Annually	Eliminate	Eliminate
GVP-FR941233	Quarterly	Quarterly	Quarterly
GVP-FR941281	Quarterly	Quarterly	Quarterly
GVSC-FR731687	Annually	Eliminate	Eliminate
GCSV-FR734918	Annually	Eliminate	Eliminate
GVSC-FR736674	Annually	Eliminate	Eliminate

NA = Not applicable



## **APPENDIX A**

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Historical Activities Summary



## **HISTORICAL ACTIVITY SUMMARY (key / relevant dates):**

- 1990 – 2000: The facility was operated by Timbercrest LP.  
2000: Underground storage tanks (USTs) were registered to Carroll Independent Fuel Company (Carroll).
- June 13, 2001: Three soil borings (SB-1AR, SB-2AR and SB-3) were advanced onsite and soil samples were collected by ATC Associates (ATC) as part of a Phase II Environmental Assessment.
- July 24, 2001: ATC completed a *Phase II Environmental Assessment* report.
- January 28, 2005: The Maryland Department of the Environment (MDE) Oil Control Program (OCP) conducted a compliance inspection, during which elevated levels of petroleum vapors were detected in the vicinity of the tank field, around tank top components, and in the tank field monitoring wells.
- June 1, 2005: MDE correspondence required vapor leak testing, containment sump and catchment basin testing, the installation of groundwater monitoring wells to comply with High-Risk Groundwater Use Area (HRGUA) Regulations, and the submittal of a *Subsurface Investigation Work Plan* to assess the vertical and lateral extent of any contamination of soil and/or groundwater. OCP Case #2005-0834-FR was assigned to the site.
- July 8, 2005: A *Work Plan – Subsurface Investigation and Emergency Regulation Compliance* was submitted to the MDE by Environmental Alliance (Alliance), proposing a soil boring event, installation of four monitoring wells, groundwater sampling, slug tests, and a sensitive receptor search.
- August 18, 2005: The MDE approved the *Work Plan*, with modifications, and required a drinking water well survey within a half-mile radius of the site be conducted.
- September 14-15, 2005: Ten soil borings (GP-1 through GP-10) were advanced.
- February 6-7, 2006: Four bedrock monitoring wells (MW-1 through MW-4) were installed.
- March 28, 2006: Methyl-tertiary butyl ether (MTBE) was detected at a concentration of 14 micrograms per liter ( $\mu\text{g/L}$ ) in a blended influent sample collected from two onsite drinking water wells supplying the shopping center, Green Valley Plaza (GVP), that houses the station.
- April 2006: Mr. Arshad Ranjha, doing business as Saaba Corporation, registered as the new UST owner.
- May 24, 2006: An *Assessment for the Emergency Regulations Compliance Report* was submitted to the MDE, detailing the soil boring event, the monitoring well installation, groundwater sampling, sampling of the onsite potable wells, and a sensitive receptor survey.
- July 7, 2006: The MDE responded to the *Assessment Report*, and required semi-annual sampling of the monitoring wells, the tank field wells, and the Site's supply wells, and submittal of boring logs for the onsite drinking water supply wells and the bedrock monitoring wells.
- September 19, 2006: MTBE was detected in a blended influent sample from the GVP's supply wells at a concentration of 42  $\mu\text{g/L}$ .
- November 17, 2006: A *Semi-Annual Sampling Report* was submitted to the MDE detailing the results of groundwater sampling and the potable well sampling, and the intention to install a point of entry treatment (POET) system on GVP's water supply.





## HISTORICAL ACTIVITY SUMMARY (Continued):

- January 22, 2007: The MDE issued a *Request for Interim Corrective Action Plan (ICAP) and Supplemental Investigation*, requiring the submittal of an ICAP to reduce vapor concentrations in the tank field, including a soil-vapor extraction (SVE) test on the tank field and monitoring well MW-3, an investigation of surface drains, and increased frequency of monitoring well and tank field well sampling from semi-annually to quarterly. The submittal of a *Site Conceptual Model (SCM)* and a supplemental *Work Plan* to further develop the SCM were also required. Quarterly sampling of GVP's and the adjacent Green Valley Shopping Center's (GVSC's) potable wells, initial sampling of several private offsite potable wells, and a detailed drinking water well survey within a half-mile radius of the site was required.
- March 23, 2007: An extension request for the submittal of the ICAP was submitted to the MDE, noting that there was more than one potentially responsible party at the Site.
- April 5, 2007: MDE correspondence acknowledged that more than one potentially responsible party existed at the Site.
- April 5, 2007: The MDE issued *Notice of Violation (NOV) NV-2007-069* to all potentially responsible parties for failure to meet the requirements of the January 22, 2007 directive letter within the specified deadlines. The MDE also sent correspondence regarding the case to the Frederick County Health Department (FCHD).
- April 5-6, 2007: An initial round of samples was collected from select offsite residential potable wells.
- April 11, 2007: Alliance met with the MDE's Water Supply Division to discuss installing a POET system on GVP's water supply.
- April 12, 2007: Email correspondence to MDE proposed sampling of additional select residential potable wells. The proposal was approved.
- April 19, 2007: Email correspondence to MDE proposed sampling of additional select residential potable wells. The proposal was approved.
- April 25, 2007: An ICAP was submitted to the MDE proposing SVE feasibility testing.
- April 25, 2007: A *Sampling Results and Work Plan* was submitted to the MDE detailing the results of sampling of offsite residential potable wells, the GVP supply wells and the GVSC supply wells, and included plans for future sampling.
- April 30, 2007: A *Drinking Water Well Survey* detailing the results of a search for potable wells within a half-mile radius of the site was submitted to the MDE.
- April 30, 2007: Granular activated carbon (GAC) POET systems were installed at two residences (3996 and 3994 Farm Lane) where MTBE was detected above the MDE's action level of 20 µg/L.
- May 7, 2007: The MDE approved the ICAP, with modifications, and required monthly sampling of certain residential potable wells. Alliance submitted *Site Conceptual Model and Supplemental Work Plan* to the MDE. A POET system was installed at 3990 Farm Lane.
- May 11, 2007: A POET system was installed at 3923 Rosewood Road.
- May 17, 2007: A *Surface Drain Evaluation* was submitted to the MDE.
- May 22, 2007: *Modifications to the Work Plan and the ICAP* was submitted to the MDE via email.
- May 23, 2007: A POET system was installed at 3992 Farm Lane.
- May 31 – June 1, 2007: Soil vapor monitoring points SV-1, SV-2 and SV-3 were installed around the tank field in preparation for SVE testing. Soil boring SB-1 was also advanced.
- June 9, 2007: A POET system was installed at 3997 Farm Lane.



## HISTORICAL ACTIVITY SUMMARY (Continued):

- June 21-22, 2007: SVE feasibility testing was performed onsite.
- June 27, 2007: The MDE approved the *Supplemental Work Plan*.
- July 27, 2007: The MDE sent *Request to Sample Drinking Water Supply Well* notices to seven residences surrounding the Site.
- August 8, 2007: The MDE issued the directive *Off-Site Domestic Well Sampling Frequencies* requiring monthly sampling of 25 residences with potable wells and the submission of *Monthly Status Reports*, and quarterly sampling of 14 residences with potable wells and the submission of *Quarterly Drinking Water Supply Well Sampling Reports*.
- October 15, 2007: A *Potable Well Sampling Report* was submitted to the MDE. A *Quarterly Sampling Report* was also submitted, and included details of the SVE testing.
- March 27, 2008: The MDE issued *Modifications to Off-Site Domestic Well Sampling Frequencies and Request for Site Status*, reducing the reporting frequency for all data and the sampling frequency of certain potable wells to quarterly, but still required monthly sampling of wells outfitted with POET systems. The MDE requested an update on the proposed installation of a POET system on the GVSC supply wells, and the installation of five monitoring wells required in the April 5, 2007 NOV.
- May 6, 2008: A *Supplemental Work Plan Addendum* was submitted to the MDE proposing changes to the construction and installation of monitoring wells.
- May 12-15 2008: Four shallow groundwater monitoring wells (MW-5 through MW-8) were installed. The monitoring wells were left as open boreholes in the water-bearing zone. Monitoring well MW-3 was abandoned in anticipation of upcoming UST removal activities.
- May 28, 2008: The MDE approved the *Supplemental Work Plan Addendum*.
- June 2008: Down-hole geophysical testing of monitoring wells MW-6, MW-7 and MW-8, and drinking water wells FR-88-1356 and FR-94-1233 was conducted.
- June 20, 2008: A *Response to Directive* was submitted to the MDE, proposing the installation of four monitoring wells rather than five.
- July 21-25, 2008: One 2,000-gallon diesel UST and three 10,000-gallon gasoline USTs were removed from the Site. MDE was onsite to observe UST removal activities. Over 1,100 tons of soil, approximately 523 tons of which were petroleum-impacted, were removed from the Site. Soil vapor point SV-3 and tank field wells TF-1 and TF-2 were destroyed during UST removal activities. Site surface water discharge was reconfigured during Site upgrade activities.
- August 2008: A new UST system, consisting of two 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST and one 4,000-gallon diesel UST, was installed at the Site. SVE piping was installed, connected to the tank field monitoring wells.
- August 2008: Water treatment permit was approved for modifications to the GVP supply well.
- August 22, 2008: A *UST System Closure Report* was submitted to the MDE.
- September 2008: A POET system was installed on the GVP water supply.
- September 16, 2008: A *Hydrogeologic Investigation Update Report and Work Plan* was submitted to the MDE, and included results of the down-hole geophysical well testing. The Work Plan proposed the installation of monitoring wells within the open boreholes of monitoring wells MW-5 through MW-8, installation of additional shallow monitoring wells, additional SVE testing, modifications to the potable well sampling plan, and preparation of an updated SCM.



## HISTORICAL ACTIVITY SUMMARY (Continued):

- December 12, 2008: The MDE approved the *Work Plan* with modifications. The MDE did not approve the installation of new shallow monitoring wells, but requested the evaluation of need for deep monitoring wells near the tank field and offsite to the south and southeast; frequency of sampling POET systems at three residential addresses was increased to semi-monthly, frequency of the other three residential POET systems remained monthly; frequency of sampling at certain residences with potable wells was changed to quarterly, and others were changed to semi-annually. The MDE sent letters to area residents to inform them of the sampling frequency change.
- December 16, 2008: The need for installation of shallow monitoring wells in order to better place deep monitoring wells was verbally discussed with Jim Richmond of MDE.
- December 17, 2008: Susan Bull of MDE approved, via email, the installation of shallow monitoring wells if the data from them was needed in order to place deep monitoring wells.
- December 30, 2008: A *Response to Directive* was sent to the MDE.
- January 16, 2009: SVE feasibility testing was conducted.
- February 3, 2009: The MDE issued *Work Plan Clarification*, approving the installation of shallow wells in order to better place deep monitoring wells, and clarified the frequency of monitoring of the GVP and CVSC supply wells and residential potable wells.
- February 2009: Permanent screened monitoring wells were constructed in the open boreholes of monitoring wells MW-5 through MW-8.
- February 27, 2009: Alliance submitted *Soil Vapor Extraction (SVE) Pilot Testing Results* to the MDE.
- March 12, 2009: Five shallow monitoring wells (MW-9 through MW-13) were installed.
- May 20, 2009: The MDE issued *Changes to Off-Site Sampling Frequency*, changing the frequency of sampling residential POET systems to quarterly, and restating the required frequency of sampling offsite residential potable wells. The MDE also sent letters to area residents to inform them of the sampling frequency changes.
- June 5, 2009: A *Hydrogeologic Investigation Update and Work Plan* was submitted to MDE, detailing recent monitoring well installation, groundwater and potable well sampling, and updating the SCM. The *Work Plan* proposed the installation and geophysical testing of one deep monitoring well, installation of five shallow monitoring wells to help monitoring pump testing, packer testing of the deep monitoring well, pump testing of monitoring well MW-10, installation of an injection well, and injection testing of that well.
- August 21, 2009: A meeting was conducted with representatives of Carroll, Alliance, and MDE to discuss monitoring well installation and aquifer testing activities proposed in the *Work Plan*. It was decided that additional investigation in the vicinity of the tank field was necessary, and that short-term and long-term aquifer testing would be completed on monitoring wells close to the tank field in order to determine hydraulic conductivity and determine if any of the selected wells could function as recovery wells.
- August 26, 2009: *Work Plan Update* was submitted to the MDE, proposing installation of two deep monitoring wells, installation of two shallow monitoring wells, down-hole geophysical testing, packer testing of deep monitoring well PMW-14D, a 72-hour pumping test on deep monitoring well PMW-15D, and 4-hour pumping tests on monitoring wells MW-10, MW-13, PMW-16, and PMW-17.
- September 22, 2009: The MDE approved the *Work Plan Update*, but required a brief report be submitted prior to packer testing, and a brief report be submitted prior to the short-term pumping tests.



## HISTORICAL ACTIVITY SUMMARY (Continued):

- September 21–25, 2009: Deep monitoring wells MW-14D and MW-15D and shallow monitoring wells MW-16 and MW-17 were installed. The monitoring wells were left as open boreholes.
- October 8, 2009: Alliance submitted *Response to September 22, 2009 Directive*, and included the required details of the planned short-term pumping tests.
- October 19, 2009: Pumping tests were performed onsite, including a step-drawdown test and subsequent 72-hour pumping test on monitoring well MW-15D.
- November 2, 2009: Geophysical testing of monitoring wells MW-14D, MW-16 and MW-17 was performed.
- November 4, 2009: *Packer Testing Work Plan* was submitted to the MDE.
- November 5-6, 2009: Packer testing was completed on monitoring well MW-14D.
- March 15, 2010: Alliance submitted *Update Report and Work Plan* to the MDE detailing monitoring well installation, step testing, pump testing, geophysical well testing and packer testing. The *Work Plan* proposed the installation of 2-inch wells within monitoring well MW-14D, conversion of monitoring wells MW-15D, MW-16 and MW-17 to permanent screened wells, and the submittal of a *Corrective Action Plan (CAP)*.
- June 17, 2010: MDE issued *Request for Corrective Action Plan*, requiring the submittal of a CAP by August 6, 2010. The MDE also required that monitoring well MW-14D be finished as a 4-inch well, and a new 4-inch well, MW-14S be installed adjacent to it; and approved the completion of monitoring wells MW-15D, MW-16, and MW-17 as permanent screened wells, continued quarterly groundwater sampling, the initiation of quarterly sampling of the GVP POET system, continued quarterly sampling of residential POET systems, continued quarterly sampling of 14 residential potable wells, continued semi-annual sampling of 8 residential potable wells.
- July 9, 2010: Carroll submitted a response to the MDE's request for a CAP, requesting an extension of the deadline for the submittal of a CAP to October 31, 2010.
- July 19-21, 2010: Monitoring well MW-14S was installed onsite. Monitoring wells MW-15D, MW-16, and MW-17 were converted to permanent screened wells.
- August 9, 2010: The MDE approved the extension of the deadline for CAP submittal.
- August 10, 2010: A meeting was conducted between GES, Carroll, and the MDE.
- September 2010: The case was transferred from Alliance to GES.
- September 9, 2010: GES submitted *In Situ Chemical Oxidation (ISCO) Pilot Test Work Plan* to the MDE, proposing the installation of three nested injection wells, a nested observation well, and a vapor extraction well; and the injection of hydrogen peroxide and ozone at three subsurface intervals during a two-day pilot test.
- October 13, 2010: A *Proposed Groundwater and Potable Well Sampling Program* was submitted to the MDE, proposing low-flow sampling methods and the collection of field measurements to replace the current purge and sample method for groundwater sampling; and the removal of Total Petroleum Hydrocarbons – Diesel Range Organics (TPH-DRO) from the list of parameters analyzed for all monitoring and non-transient, non-community supply wells. All POET system sampling, non-transient, non-community supply well sampling and residential potable well sampling was to remain on the schedule previously followed.
- November 16-19, 2010: Nested monitoring wells MW-18S and MW-18D, vapor extraction well VE-1 and injection wells IW-1S/D, IW-2S/D and IW-3S/D were installed onsite.



## HISTORICAL ACTIVITY SUMMARY (Continued):

- November 18, 2010: The MDE approved the *ISCO Pilot Test Work Plan*, with slight modifications, and the use of low-flow sampling techniques at the Site. The MDE approved the elimination of TPH-DRO and TPH-Gasoline Range Organics (GRO) from analysis of samples collected from the GVP POET system, the GVP supply wells, and the GVSC supply wells. The MDE stated that the request to eliminate TPH-DRO from the analysis of groundwater would be considered pending a review of low-flow sampling data and pilot testing activities.
- November 30, 2010: ISCO pilot testing was conducted onsite.
- December 1, 2010: Carroll informed the MDE of the results of the pilot testing via email, and included a proposed plan to redevelop the injection wells and introduce air to see if they could be used for further injection testing. Carroll also requested to modify the post ISCO pilot test groundwater sampling plan proposed in the *ISCO Pilot Test Work Plan*. Monitoring wells sampled prior to the pilot testing (with the exception of MW-18S and MW-18D) would be omitted from additional groundwater sampling in December 2010. The MDE approved both proposals via email.
- December 8, 2010: Injection wells IW-1S/D, IW-2S/D and IW-3S/D were re-developed.
- December 15, 2010: Slug testing was conducted on monitoring wells MW-18S and MW-18D.
- January 4, 2011: Monitoring wells MW-18S and MW-18D, vapor extraction well VE-1 and injection wells IW-1S/D, IW-2S/D and IW-3S/D were surveyed into the existing well network.
- March 15, 2011: A CAP was submitted to the MDE proposing the installation of an ISCO remediation system, and an eight-week pilot program.
- June 1, 2011: The MDE issued *Extended Pilot Testing Approval* in response to the CAP, approving the ISCO pilot program, and requiring expanded groundwater monitoring during the pilot program.
- June 3, 2011: Carroll requested clarifications of two points in the *Extended Pilot Testing Approval* via email.
- June 6, 2011: The MDE responded via email to Carroll's questions, and issued an updated *Site Management Schedule*, requiring the submission of a *CAP Implementation Plan* by July 1, 2011.
- July 1, 2011: A *CAP Implementation Plan* was submitted to the MDE.
- August 28, 2011: The MDE approved the *CAP Implementation Plan* and required an *Extended ISCO Pilot Testing Reports* be submitted during operation of the system and after completion of the pilot test period.
- September 14, 2011: The ISCO system was activated and GES began groundwater and POET System monitoring as per the schedule outlined in the MDE approved *CAP Implementation Plan*.
- October 14, 2011: An *Extended ISCO Pilot Testing – Week 3 Operation Report* was submitted to the MDE.
- November 11, 2011: ISCO system operation stopped, completing the 8 week ISCO Pilot Test.
- November 18, 2011: An *Extended ISCO Pilot Testing – Week 7 Operation Report* was submitted to the MDE.
- December 19, 2011: An *Extended ISCO Pilot Testing – Comprehensive Summary Report* was submitted to the MDE.
- February 10, 2012: GES received from the MDE a *Corrective Action Plan (CAP) Approval* letter.
- February 20, 2012: The ISCO system was activated and GES began groundwater and POET System monitoring as per the schedule outlined in the MDE *Corrective Action Plan (CAP) Approval* letter and subsequent correspondence.



## HISTORICAL ACTIVITY SUMMARY (Continued):

- April 2, 2012: An *ISCO Injection Well Installation Work Plan* was submitted to the MDE.
- May 5, 2012: An *ISCO System Operation Report* was submitted to the MDE.
- May 21-30, 2012: Completion of a rock coring and hydraulic pressure testing investigation and the construction of injection well IW-4.
- May 31-June 5, 2012: Injection well IW-4 trenching, system connections, development and testing were completed, followed by the well being added to the injection well network for ISCO system operation.
- June 25, 2012: An *ISCO System Operation Report* was submitted to the MDE.
- July 31, 2012: The MDE requested that the ISCO system be shut down at the site pending further groundwater sampling.
- August 1, 2012: The ISCO system was deactivated.
- August 1, 2012: GES received from the MDE a *Modification to the Corrective Action Plan* letter.
- August 3, 2012: GES sent a letter to the MDE in response to the *Modification to the Corrective Action Plan* letter received.
- August 9-23 and September 4, 2012: GES emailed laboratory analytical results to the MDE that included hexavalent and chromium data.
- August 31, 2012: Monitoring well slug testing conducted at select monitoring wells.
- September 12, 2012: GES received from the MDE an email requesting additional information regarding lead analysis.
- September 18, 2012: GES received from the MDE an email regarding remediation system equipment removal.
- September 21, 2012: Carroll sent an email to the MDE regarding additional monitoring and sampling to be conducted during the 4<sup>th</sup> quarter sampling event and the timing of the event.
- September 27, 2012: The ISCO system trailer was removed from the site.
- September 28, 2012: An *ISCO System Comprehensive Summary Report and Update to the Conceptual Site Model* and *Supplemental Chromium and Lead Investigation Summary* were submitted to the MDE.
- November 21, 2012: GES submitted an *October 2012 Sampling Data Transmittal Letter* to the MDE.
- December 1, 2012: The FCHD and the MDE's contractor sampled the drinking water supply at 3833 Greenridge Drive.
- December 20, 2012: The MDE sent a letter to Mr. and Mrs. Gray in regards to the additional investigation of 11712 Serene Court.
- December 21, 2012: The MDE sent a letter to Mr. Schlessinger in regards to the sampling results for 3833 Greenridge Drive.
- March 1, 2013: GES submitted a *January 2013 Sampling Data Transmittal Letter* to the MDE.
- March 14, 2013: GES submitted an attachment to the January 2013 Sampling Data Transmittal Letter to the MDE.
- April 19, 2013: The MDE sent a letter to Mr. and Mrs. Gray in regards to the additional investigation of 11712 Serene Court.
- May 22, 2013: GES submitted a *Request to Revise the Monitoring Well Sampling Plan*.
- May 29, 2013: GES submitted an *April 2013 Sampling Data Transmittal Letter* to the MDE.
- June 17, 2013: GES submitted a *May 2013 Sampling Data Transmittal Letter* to the MDE.
- October 18, 2013: GES received a response from the MDE regarding the *Request to Revise Sampling Plan*. The MDE denied the request to eliminate TPH-DRO from the monitoring well sampling program. The MDE has requested an additional supplemental sampling event during the fourth quarter of 2013 and a *Revised CAP* by January 31, 2014.
- November 15, 2013: GES submitted an *October 2013 Sampling Data Transmittal Letter* to the MDE.



## **HISTORICAL ACTIVITY SUMMARY (Continued):**

- December 5, 2013: A conference call with the MDE to discuss metals analytical results from select wells collected during the fourth quarter 2013.
- December 18, 2013: MW-18S and potable well GVP-FR815955 were resampled for metals, including chromium and lead, as requested by the MDE.
- January 31, 2014: GES submitted a *Revised CAP* to the MDE.
- February 18, 2014: Based on a correspondence with the MDE, well FR-73-1687 may have been misidentified, and the actual well identification is FR-73-7687.
- May 2014: The MDE issued a *Report of Results for Lead and Hexavalent Chromium Groundwater Investigation*.
- September 16, 2014: The property owner of 3829 Greenridge Drive requested (via telephone) GES to discontinue all future sampling of their property. A confirmation letter of this request was sent to the resident on September 26, 2014.
- October 3, 2014: An approval response to the January 31, 2014 *Revised Corrective Action Plan (CAP)* was received from the MDE. The routine monitoring and potable well sampling program was revised.
- October 7, 2014: CIFIC issued a notice of dispute to the MDE regarding the requirement for additional metals sampling as outlined in the MDE approval of the Revised CAP.
- October 27, 2014: GES submitted a *Monitoring Well MW-18S Replacement Work Plan*.
- November 7, 2014: The MDE responded to the dispute regarding metals sampling, reducing the number of wells required for metals sampling and requiring that 2 sampling events occur six months apart. The letter also acknowledged that the property owner of 3829 Greenridge Drive requested to discontinue sampling at the property.
- November 12, 2014: The MDE confirmed with the property owner of 3829 Greenridge Drive that they would no longer like to be sampled in the future.
- December 12, 2014: An approval response to the October 27, 2014 *Monitoring Well MW-18S Replacement Work Plan* from the MDE was received.
- December 12, 2014: The MDE issued a letter to the property owner of 3829 Greenridge Drive regarding the discontinuation of potable sampling.



## **APPENDIX B**

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Low Flow Sampling Data Sheets



# Groundwater Sampling Data Collection Sheet



Well ID:	mw-1		Site ID:	Carroll - Monrovia	Sample Date:	11-17-14
Initial DTW / Time:			Address:	11791 Fingerboard Road		
Well Diameter:	2"	Sample Method (circle one) <u>Low Flow</u> Purge/sample Grab/No Pruge	Monrovia, MD		Sampling Tech(s): J. Plummer	
Total Well Depth:					Weather Conditions: overcast - light drizzle	
Water Column Length:					Air Temp = 45°	
Pump Intake depth:						

### Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit ± 0.3 °C	Unit ± 3%	Unit ± 10%	NA ± 0.1	Unit ± 10	Unit				
1325	52.67	Just prior to lowering any equipment into well									
		14.03	0.833	1.88	5.38	295.5					
1340	52.47	After lowering equipment into the well & before turning on the pump									
1340		Purge Start Time									
1345	53.92	15.09	0.709	4.33	5.31	127.0					
1350	54.93	15.40	0.628	5.50	5.14	131.2					
1355	55.22	15.38	0.672	5.13	5.24	133.5					
1400	55.58	15.35	0.668	5.20	5.21	137.8					
1405	55.90	15.40	0.663	5.27	5.19	141.2					
1410	56.22	15.34	0.657	5.47	5.17	143.6			342 gallons - cloudy		
1415		Sample Collection Time									
		Purge Step Time									

### Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp Unit ± 0.3 °C	Conductivity Unit ± 3%	D.O. Unit ± 10%	pH NA ± 0.1	ORP Unit ± 10	Turbidity Unit				
		Just prior to lowering any equipment into well									
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.									
		Sample Collection Time									

General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):

4 cycles/min 10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	MN-5		Site ID:	Carroll - Monrovia	Sample Date:	1-17-14
Initial DTW / Time:			Address:	11791 Fingerboard Road Monrovia, MD		
Well Diameter:	4"	Sample Method (circle one) <u>Low Flow</u> Purge/sample Grab/No Pruge	Sampling Tech(s): J. Plummer			
Total Well Depth:			Weather Conditions: Rain 45°			
Water Column Length:			Air Temp =			
Pump Intake depth:						

Data Collection: Low Flow											
Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
1210	64.67	Just prior to lowering any equipment into well									
		14.25	1.162	4.51	5.14	235.1					
1230	64.65	After lowering equipment into the well & before turning on the pump									
1230	Purge Start Time										
1235	64.70	14.89	1.094	10.96	4.57	174.8					
1240	64.74	14.87	1.090	7.38	4.26	181.3					
1245	64.85	15.24	1.087	6.22	4.54	164.5					
1250	64.97	15.26	1.089	5.75	4.73	154.8					
1255	65.05	15.35	1.086	5.62	4.86	149.3					
1300	65.10	15.37	1.081	5.38	4.94	147.1					
1305	65.17	15.43	1.077	5.32	4.98	146.5					
1310	65.21	15.43	1.073	5.26	5.00	146.8		2 gallons	clear		
1315	Sample Collection Time										
	Purge Stop Time										

Data Collection: Purge and Sample / Grab Sampling											
Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp	Conductivity	D.O.	pH	ORP	Turbidity				
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
		Just prior to lowering any equipment into well									
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.									
	Sample Collection Time										

General Comment & Type of Equipment Used (pumps/YSI meter/etc./caibration info):  
 4 cycles/min 10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within  
 ± 0.3 °C for temperature,  
 ± 0.1 for pH,  
 ± 3% for specific conductivity,  
 ± 10 for reduction-oxidation potential  
 ± 10% for dissolved oxygen

Purge Volumes:  
 2-inch diameter well:  
 0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water  
 4-inch diameter well:  
 0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water



# Groundwater Sampling Data Collection Sheet



Well ID: <b>MW-148</b>		Site ID: <b>Carroll - Monrovia</b>		Sample Date: <b>11-18-14</b>						
Initial DTW / Time: <b>58.11/1050</b>		Address: <b>11791 Fingerboard Road</b>								
Well Diameter:		<i>Sample Method (circle one)</i> <input checked="" type="checkbox"/> <b>Low Flow</b> <input type="checkbox"/> Purge/sample <input type="checkbox"/> Grab/No Pruge		Monrovia, MD						
Total Well Depth:				Sampling Tech(s): <b>D. Rice</b>						
Water Column Length:				Weather Conditions:						
Pump Intake depth:				Air Temp =						
<b>Data Collection: Low Flow</b>										
Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		<small>Unit</small> ± 0.3 °C	<small>MS/cm Unit</small> ± 3%	<small>mg/L Unit</small> ± 10%	NA ± 0.1	<small>mV Unit</small> ± 10				
<b>1050</b>	<b>58.11</b>	Just prior to lowering any equipment into well								
		<b>12.96</b>	<b>0945</b>	<b>0.36</b>	<b>7.25</b>	<b>-82.8</b>				
<b>1107</b>	<b>58.15</b>	After lowering equipment into the well & before turning on the pump								
		Purge Start Time								
<b>1130</b>	<b>58.30</b>	7:30 AM starting								
<b>1135</b>	<b>58.67</b>	<b>1097</b>	<b>0928</b>	<b>2.25</b>	<b>5.73</b>	<b>153.6</b>				
<b>1140</b>	<b>58.87</b>	<b>1273</b>	<b>0992</b>	<b>5.33</b>	<b>5.89</b>	<b>143.0</b>				
<b>1145</b>	<b>58.98</b>	<b>12.70</b>	<b>0.996</b>	<b>5.27</b>	<b>5.88</b>	<b>147.6</b>				
<b>1150</b>	<b>60</b>	<b>12.68</b>	<b>0.992</b>	<b>5.21</b>	<b>5.88</b>	<b>144.2</b>				
	<b>59.16</b>									
<b>1155</b>	Sample Collection Time									
<b>1200</b>	Purge Stop Time									
<b>Data Collection: Purge and Sample / Grab Sampling</b>										
Time	DTW	If Applicable					Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp	Conductivity	D.O.	pH	ORP				
		<small>Unit</small> ± 0.3 °C	<small>Unit</small> ± 3%	<small>Unit</small> ± 10%	NA ± 0.1	<small>Unit</small> ± 10				
		Just prior to lowering any equipment into well								
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.								
<b>General Comment &amp; Type of Equipment Used (pumps/YSI meter/ect./caibration info):</b>										

Stabilization is achieved when three successive readings are within  
 ± 0.3 °C for temperature,  
 ± 0.1 for pH,  
 ± 3% for specific conductivity,  
 ± 10 for reduction-oxidation potential  
 ± 10% for dissolved oxygen

Purge Volumes:  
 2-inch diameter well:  
 0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water  
 4-inch diameter well:  
 0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	MW-10	Site ID:	Carroll - Monrovia	Sample Date:	11-18-14
Initial DTW / Time:	58.576 / 1200	Address:	11791 Fingerboard Road		
Well Diameter:			Monrovia, MD		
Total Well Depth:		Sample Method (circle one)		Sampling Tech(s):	
Water Column Length:		Low Flow		D. Rice	
Pump Intake depth:		Purge/sample		Weather Conditions:	
		Grab/No Pruge		Air Temp =	

**Data Collection: Low Flow**

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		°C Unit ± 0.3 °C	µmS/cm Unit ± 3%	mg/L Unit ± 10%	NA ± 0.1	mV Unit ± 10				
1200	58.576	Just prior to lowering any equipment into well								
		13.53	0.609	4.84	5.20	2725				
1222	58.576	After lowering equipment into the well & before turning on the pump								
1225		Purge Start Time								
1230	58.61	13.13	0.790	5.14	5.08	152.0				
1235	58.66	14.44	0.801	4.69	5.13	155.4				
1240	58.72	14.47	0.799	4.49	5.12	157.6				
1245	58.72	14.50	0.799	4.45	5.12	159.1				

1250	Sample Collection Time
1255	Purge Stop Time

**Data Collection: Purge and Sample / Grab Sampling**

Time	DTW	If Applicable					Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp	Conductivity	D.O.	pH	ORP				
		°C Unit ± 0.3 °C	µmS/cm Unit ± 3%	mg/L Unit ± 10%	NA ± 0.1	mV Unit ± 10				
		Just prior to lowering any equipment into well								

Sample Collection Time: \_\_\_\_\_  
 Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.

**General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):**

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Stabilization is achieved when three successive readings are within  
 ± 0.3 °C for temperature,  
 ± 0.1 for pH,  
 ± 3% for specific conductivity,  
 ± 10 for reduction-oxidation potential  
 ± 10% for dissolved oxygen

Purge Volumes:  
 2-inch diameter well:  
 0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water  
 4-inch diameter well:  
 0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID: <b>MW-11</b>		Site ID: <b>Carroll - Monrovia</b>		Sample Date: <b>11-18-14</b>						
Initial DTW / Time: <b>52.51.51 / 1315</b>		Address: <b>11791 Fingerboard Road</b>								
Well Diameter:		<i>Sample Method (circle one)</i> Low Flow Purge/sample Grab/No Pruge		Monrovia, MD						
Total Well Depth:				Sampling Tech(s):						
Water Column Length:				Weather Conditions:						
Pump Intake depth:				Air Temp =						
<b>Data Collection: Low Flow</b>										
Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		°C Unit ± 0.3 °C	µS/cm Unit ± 3%	mg/L Unit ± 10%	NA ± 0.1	mV Unit ± 10				
<b>1315</b>	<b>52.51</b>	Just prior to lowering any equipment into well								
		<b>13.35</b>	<b>0.227</b>	<b>5.70</b>	<b>5.50</b>	<b>224.7</b>				
<b>1332</b>	<b>52.61</b>	After lowering equipment into the well & before turning on the pump								
<b>1335</b>	Purge Start Time									
<b>1340</b>	<b>52.61</b>	<b>14.32</b>	<b>0.259</b>	<b>8.46</b>	<b>5.50</b>	<b>1316.9</b>				
<b>1345</b>	<b>52.60</b>	<b>14.02</b>	<b>0.259</b>	<b>8.50</b>	<b>5.46</b>	<b>139.4</b>				
<b>1350</b>	<b>52.60</b>	<b>14.31</b>	<b>0.258</b>	<b>8.53</b>	<b>5.44</b>	<b>140.6</b>				
<b>1355</b>	<b>52.68</b>	<b>14.33</b>	<b>0.257</b>	<b>8.54</b>	<b>5.42</b>	<b>140.4</b>				
<b>1400</b>	Sample Collection Time									
<b>1410</b>	Purge Stop Time									
<b>Data Collection: Purge and Sample / Grab Sampling</b>										
Time	DTW	If Applicable					Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method of Sampling
		Temp Unit ± 0.3 °C	Conductivity Unit ± 3%	D.O. Unit ± 10%	pH NA ± 0.1	ORP Unit ± 10				
		Just prior to lowering any equipment into well								
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.								
<b>General Comment &amp; Type of Equipment Used (pumps/YSI meter/ect./caibration info):</b>										

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	MW-12	Site ID:	Carroll - Monrovia	Sample Date:	11-19-14
Initial DTW / Time:		Address:	11791 Fingerboard Road		
Well Diameter:	4"		Monrovia, MD		
Total Well Depth:		Sample Method (circle one)	Low Flow		
Water Column Length:		Purge/sample	Sampling Tech(s): Jeff Plummer		
Pump Intake depth:		Grab/No Pruge	Weather Conditions: clear		
			Air Temp = 25°		

**Data Collection: Low Flow**

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	Unit	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
0835	48.40	Just prior to lowering any equipment into well									
		1432	0.459	7.33	5.57	210.7					
0910	48.25	After lowering equipment into the well & before turning on the pump									
0910	Purge Start Time										
0915	48.91	15.00	0.435	8.08	5.43	157.1					
0920	49.26	15.25	0.435	7.43	5.42	152.8					
0925	49.55	15.28	0.433	7.26	5.42	151.5					
0930	49.88	15.29	0.429	7.14	5.45	151.2			214 gallons	clear	
0935	Sample Collection Time										
	Purge Stop Time										

**Data Collection: Purge and Sample / Grab Sampling**

Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp	Conductivity	D.O.	pH	ORP	Turbidity				
		Unit	Unit	Unit	Unit	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
		Just prior to lowering any equipment into well									
		Sample Collection Time									
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.									

**General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):**  
 4 cycles/min      10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	MW-8		Site ID:	Carroll - Monrovia	Sample Date:	11-19-14
Initial DTW / Time:			Address:	11791 Fingerboard Road		
Well Diameter:	4"	Sample Method (circle one) <u>Low Flow</u>	Monrovia, MD			
Total Well Depth:	Sampling Tech(s): Jeff Plummer					
Water Column Length:	Weather Conditions: clear					
Pump Intake depth:			Air Temp = 25°			

### Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit ± 0.3 °C	Unit ms/cm ± 3%	Unit mg/L ± 10%	NA ± 0.1	Unit ± 10	Unit				
0951	63.67	Just prior to lowering any equipment into well									
		14.72	0.643	1.65	5.42	250.2					
1002	63.56	After lowering equipment into the well & before turning on the pump									
1002	Purge Start Time										
1007	63.78	12.77	0.513	7.57	5.46	172.7					
1012	63.93	14.02	0.516	4.81	5.48	164.9					
1017	64.04	14.44	0.517	4.33	5.38	163.8					
1022	64.23	14.89	0.514	4.11	5.30	164.9					
1027	64.31	14.82	0.514	4.02	5.28	164.6					
1032	64.41	14.50	0.504	4.12	5.28	164.9					
1037	64.53	14.57	0.495	4.35	5.21	167.3				134 gallons clear	
1045	Sample Collection Time										
	Purge Stop Time										

### Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling	
		Temp	Conductivity	D.O.	pH	ORP	Turbidity					
		Unit ± 0.3 °C	Unit ± 3%	Unit ± 10%	NA ± 0.1	Unit ± 10	Unit					
		Just prior to lowering any equipment into well										
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.										
		Sample Collection Time										

### General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):

4 cycles/min      10 sec fill / 15 sec fill

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water



# Groundwater Sampling Data Collection Sheet



Well ID:	<i>MW-16</i>	Site ID:	Carroll - Monrovia	Sample Date:	<i>11-19-14</i>
Initial DTW / Time:		Address:	11791 Fingerboard Road		
Well Diameter:	<i>4"</i>	Sample Method (circle one) <u>Low Flow</u>	Monrovia, MD		
Total Well Depth:			Sampling Tech(s):	<i>J. Plummer</i>	
Water Column Length:			Weather Conditions:	<i>clear</i>	
Pump Intake depth:			Air Temp =	<i>27°</i>	

### Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
<i>1110</i>	<i>56.78</i>	Just prior to lowering any equipment into well									
		<i>12.62</i>	<i>0.842</i>	<i>5.95</i>	<i>5.06</i>	<i>314.5</i>					
<i>1140</i>	<i>56.78</i>	After lowering equipment into the well & before turning on the pump									
<i>1140</i>		Purge Start Time									
<i>1145</i>	<i>56.76</i>	<i>13.50</i>	<i>0.830</i>	<i>7.39</i>	<i>5.33</i>	<i>180.8</i>					
<i>1150</i>	<i>56.78</i>	<i>14.10</i>	<i>0.845</i>	<i>6.18</i>	<i>5.38</i>	<i>179.3</i>					
<i>1155</i>	<i>56.78</i>	<i>14.28</i>	<i>0.846</i>	<i>5.89</i>	<i>5.38</i>	<i>178.6</i>					
<i>1200</i>	<i>56.78</i>	<i>14.33</i>	<i>0.840</i>	<i>5.81</i>	<i>5.36</i>	<i>179.2</i>					
<i>1205</i>	<i>56.78</i>	<i>14.34</i>	<i>0.839</i>	<i>5.78</i>	<i>5.34</i>	<i>179.7</i>				<i>1 3/4 gallons - clear</i>	
<i>1210</i>		Sample Collection Time									
		Purge Stop Time									

### Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable					Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling	
		Temp	Conductivity	D.O.	pH	ORP					Turbidity
		Unit	Unit	Unit	NA	Unit	Unit				
		$\pm 0.3$ °C	$\pm 3\%$	$\pm 10\%$	$\pm 0.1$	$\pm 10$					
		Just prior to lowering any equipment into well									
		Sample Collection Time									
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.									

### General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):

*4 cycles/min 10 sec fill / 5 sec discharge*

Stabilization is achieved when three successive readings are within

- $\pm 0.3$  °C for temperature,
- $\pm 0.1$  for pH,
- $\pm 3\%$  for specific conductivity,
- $\pm 10$  for reduction-oxidation potential
- $\pm 10\%$  for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	MW-14D		Site ID:	Carroll - Monrovia	Sample Date:	11-19-14
Initial DTW / Time:			Address:	11791 Fingerboard Road		
Well Diameter:	4"	Sample Method (circle one) <u>Low Flow</u>	Monrovia, MD			
Total Well Depth:			Sampling Tech(s): Jeff Plummer			
Water Column Length:			Weather Conditions: clear			
Pump Intake depth:			Air Temp = 27°			

### Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
1225	61.20	Just prior to lowering any equipment into well									
		13.50	0.333	7.97	7.82	222.5					
1235	60.06	After lowering equipment into the well & before turning on the pump									
1235		Purge Start Time									
1240	61.02	13.63	0.393	3.15	7.58	107.4					
1245	61.70	14.25	0.397	1.86	8.27	77.4					
1250	62.30	14.10	0.399	1.62	8.58	67.9					
1255	62.50	13.98	0.400	1.50	8.63	64.2					
1300	62.75	13.90	0.398	1.79	8.62	58.5					
1305	63.00	13.87	0.398	1.70	8.63	54.3					
1310	63.27	13.68	0.399	1.56	8.64	48.8					
1315	63.49	13.60	0.399	1.59	8.62	46.9			2 1/2 gallons - clear		
1320		Sample Collection Time									
		Purge Stop Time									

### Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable					Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp	Conductivity	D.O.	pH	ORP				
		Unit	Unit	Unit	NA	Unit	Unit			
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
		Just prior to lowering any equipment into well								
	@ 100'	13.21	0.425	0.45	8.54	-115.6				
		Sample Collection Time								
Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.										

### General Comment & Type of Equipment Used (pumps/YSI meter/etc./caibration info):

4 cycles/min 10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	mw-17		Site ID:	Carroll - Monrovia	Sample Date:	11-19-14
Initial DTW / Time:			Address:	11791 Fingerboard Road		
Well Diameter:	4"	Sample Method (circle one) <u>Low Flow</u>	Monrovia, MD		Sampling Tech(s): Jeff Plummer	
Total Well Depth:					Weather Conditions: clear	
Water Column Length:			Purge/sample		Air Temp = 29°	
Pump Intake depth:			Grab/No Pruge			

### Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit ± 0.3 °C	Unit ± 3%	Unit ± 10%	NA ± 0.1	Unit ± 10	Unit				
1335	59.65	Just prior to lowering any equipment into well									
		13.41	0.901	3.62	5.71	238.6					
1345	59.65	After lowering equipment into the well & before turning on the pump									
1345		Purge Start Time									
1350	59.65	14.02	0.847	4.49	6.09	63.8					
1355	59.65	14.45	0.854	4.01	5.71	65.1					
1400	59.65	14.56	0.855	3.94	5.64	69.0					
1405	59.65	14.61	0.855	3.94	5.62	72.1					
1410	59.65	14.60	0.856	4.02	5.60	74.6			4 gallons - clear		
1415		Sample Collection Time									
		Purge Stop Time									

### Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp	Conductivity	D.O.	pH	ORP	Turbidity				
		Unit ± 0.3 °C	Unit ± 3%	Unit ± 10%	NA ± 0.1	Unit ± 10	Unit				
		Just prior to lowering any equipment into well									
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.									

### General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):

4 cycles/min 10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	RAW-7		Site ID:	Carroll - Monrovia	Sample Date:	1-20-14
Initial DTW / Time:			Address:	11791 Fingerboard Road		
Well Diameter:	4"	Sample Method (circle one) <u>Low Flow</u>	Monrovia, MD			
Total Well Depth:			Sampling Tech(s): Jeff Plummer			
Water Column Length:			Weather Conditions: clear			
Pump Intake depth:			Air Temp = 32°			

### Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
0830	65.04	Just prior to lowering any equipment into well									
		13.86	0.789	5.35	5.48	242.9					
0845	65.05	After lowering equipment into the well & before turning on the pump									
0845	Purge Start Time										
0850	65.07	13.96	0.743	11.06	5.46	116.6					
0855	65.09	14.43	0.744	8.55	5.54	112.1					
0900	65.09	14.67	0.746	7.40	5.59	109.1					
0905	65.09	14.82	0.747	6.79	5.52	108.5					
0910	65.09	14.94	0.747	6.45	5.53	108.9					
0920	65.09	15.04	0.747	6.19	5.48	108.7			134 gallons	clear	
0920	Sample Collection Time										
	Purge Stop Time										

### Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling	
		Temp	Conductivity	D.O.	pH	ORP	Turbidity					
		Unit	Unit	Unit	NA	Unit	Unit					
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10						
		Just prior to lowering any equipment into well										
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.										
		Sample Collection Time										

### General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):

4 cycles/min      10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	MW-15D	Site ID:	Carroll - Monrovia	Sample Date:	11-20-14
Initial DTW / Time:		Address:	11791 Fingerboard Road		
Well Diameter:	4"		Monrovia, MD		
Total Well Depth:		Sample Method (circle one)	Low Flow	Sampling Tech(s):	Jeff Plummer
Water Column Length:		Purge/sample		Weather Conditions:	Clear
Pump Intake depth:		Grab/No Pruge		Air Temp =	33°

### Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
0940	64.50	Just prior to lowering any equipment into well									
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
0950	64.43	14.02	0.696	5.67	6.07	297.7					
0950		After lowering equipment into the well & before turning on the pump									
0950		Purge Start Time									
0955	64.53	11.71	0.665	11.88	6.08	117.2					
1000	64.54	14.64	0.701	6.96	6.00	106.6					
1005	64.54	15.01	0.707	6.35	6.01	104.7					
1010	64.54	15.26	0.707	6.17	6.09	104.1					
1015	64.54	15.33	0.700	6.17	5.99	105.6			1 1/2 gallon	cloudy	
1020		Sample Collection Time									
		Purge Stop Time									

### Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable					Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling	
		Temp	Conductivity	D.O.	pH	ORP					Turbidity
		Unit	Unit	Unit	NA	Unit					Unit
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
		Just prior to lowering any equipment into well									
		Sample Collection Time									

Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.

General Comment & Type of Equipment Used (pumps/YSI meter/etc./caibration info):

4 cycles/min 10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	MW-13		Site ID:	Carroll - Monrovia	Sample Date:	11-20-14
Initial DTW / Time:			Address:	11791 Fingerboard Road		
Well Diameter:	4"	Sample Method (circle one) <u>Low Flow</u>	Monrovia, MD			
Total Well Depth:			Sampling Tech(s): Jeff Plummer			
Water Column Length:			Weather Conditions: clear			
Pump Intake depth:		Purge/sample	Air Temp = 33°-35°			
		Grab/No Pruge				

Data Collection: Low Flow											
Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
1050	6409	Just prior to lowering any equipment into well									
		13.90	0.806	5.82	5.32	333.5					
1100	6407	After lowering equipment into the well & before turning on the pump									
1100		Purge Start Time									
1105	6427	15.14	0.768	6.34	5.29	135.9					
1110	6429	15.55	0.765	6.02	5.31	137.7					
1115	6429	15.68	0.753	6.08	5.30	139.7					
1120	6429	15.73	0.748	6.18	5.28	141.4					
1125	6429	15.68	0.743	6.31	5.26	143.4				334 gallons - clear	
1130		Sample Collection Time									
		Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling											
Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp	Conductivity	D.O.	pH	ORP	Turbidity				
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
		Just prior to lowering any equipment into well									
		Sample Collection Time									
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.									

General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):  
 4 cycles/min      10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within  
 ± 0.3 °C for temperature,  
 ± 0.1 for pH,  
 ± 3% for specific conductivity,  
 ± 10 for reduction-oxidation potential  
 ± 10% for dissolved oxygen

Purge Volumes:  
 2-inch diameter well:  
 0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water  
 4-inch diameter well:  
 0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	MW-18D		Site ID:	Carroll - Monrovia	Sample Date:	11-20-14
Initial DTW / Time:			Address:	11791 Fingerboard Road		
Well Diameter:	2" <del>M1</del>	Sample Method (circle one) <u>Low Flow</u>	Monrovia, MD		Sampling Tech(s): Jeff Plummer	
Total Well Depth:					Weather Conditions: clear	
Water Column Length:			Purge/sample		Air Temp = 40-45°	
Pump Intake depth:			Grab/No Pruge			

Data Collection: Low Flow											
Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
1210	66.31	Just prior to lowering any equipment into well									
		14.21	0.618	4.08	7.79	229.7					
1230	64.07	After lowering equipment into the well & before turning on the pump									
1230		Purge Start Time									
1235	67.88	16.01	0.583	3.19	7.34	122.2					
1240	69.87	15.80	0.582	1.66	7.54	117.4					
1245	72.07	15.60	0.582	1.42	7.62	114.2					
1250	73.28	15.68	0.583	1.38	7.66	112.1					
1255	73.75	15.85	0.582	1.33	7.67	110.6					
1300	74.10	16.04	0.582	1.36	7.69	109.3			134 gallons - clear		
1305		Sample Collection Time									
		Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling											
Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp	Conductivity	D.O.	pH	ORP	Turbidity				
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
		Just prior to lowering any equipment into well									
@ 100'		13.73	0.616	0.79	7.83	219.1					
		Sample Collection Time									
		Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.									

General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):  
 4 cycles/min      10 sec fill / 5 sec. discharge

Stabilization is achieved when three successive readings are within  
 ± 0.3 °C for temperature,  
 ± 0.1 for pH,  
 ± 3% for specific conductivity,  
 ± 10 for reduction-oxidation potential  
 ± 10% for dissolved oxygen

Purge Volumes:  
 2-inch diameter well:  
 0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water  
 4-inch diameter well:  
 0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water

# Groundwater Sampling Data Collection Sheet



Well ID:	<i>MW-195</i>		Site ID:	Carroll - Monrovia	Sample Date:	<i>11-20-14</i>
Initial DTW / Time:			Address:	11791 Fingerboard Road		
Well Diameter:	<i>2"</i>	Sample Method (circle one) <u>Low Flow</u>	Monrovia, MD			
Total Well Depth:			Sampling Tech(s): <i>Jeff Plummer</i>			
Water Column Length:			Weather Conditions: <i>clear</i>			
Pump Intake depth:		Purge/sample Grab/No Pruge	Air Temp = <i>45°</i>			

## Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit ± 0.3 °C	Unit mg/L ± 3%	Unit mg/L ± 10%	NA ± 0.1	Unit ± 10	Unit				
<i>1325</i>	<i>64.82</i>	Just prior to lowering any equipment into well									
		<i>14.53</i>	<i>80.83</i>	<i>5.05</i>	<i>12.83</i>	<i>-47.7</i>					
<i>1340</i>	<i>64.44</i>	After lowering equipment into the well & before turning on the pump									
<i>1340</i>		Purge Start Time									
<i>1345</i>	<i>65.45</i>	<i>15.98</i>	<i>7.087</i>	<i>7.50</i>	<i>12.64</i>	<i>71.9</i>					
<i>1350</i>	<i>Obst-6568</i>	<i>15.68</i>	<i>7.298</i>	<i>5.60</i>	<i>12.60</i>	<i>66.5</i>					
<i>1355</i>		<i>15.93</i>	<i>7.082</i>	<i>5.74</i>	<i>12.65</i>	<i>62.1</i>					
<i>1400</i>		<i>16.11</i>	<i>7.078</i>	<i>5.67</i>	<i>12.58</i>	<i>59.9</i>					
<i>1405</i>		<i>16.29</i>	<i>7.132</i>	<i>5.31</i>	<i>12.64</i>	<i>56.7</i>					
<i>1410</i>	↓	<i>16.03</i>	<i>7.191</i>	<i>5.24</i>	<i>12.66</i>	<i>55.1</i>			<i>114 gallons - clear</i>		

*1415* Sample Collection Time

Purge Stop Time

## Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable						Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		Temp Unit ± 0.3 °C	Conductivity Unit ± 3%	D.O. Unit ± 10%	pH NA ± 0.1	ORP Unit ± 10	Turbidity Unit				
		Just prior to lowering any equipment into well									

Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.

### General Comment & Type of Equipment Used (pumps/YSI meter/ect./caibration info):

*4 cycles/min 10 sec fill / 5 sec discharge*

Stabilization is achieved when three successive readings are within

- ± 0.3 °C for temperature,
- ± 0.1 for pH,
- ± 3% for specific conductivity,
- ± 10 for reduction-oxidation potential
- ± 10% for dissolved oxygen

Purge Volumes:

- 2-inch diameter well:  
0.16 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water
- 4-inch diameter well:  
0.65 gal./ft x \_\_\_\_\_ (linear feet of water) = gallons of water





## **APPENDIX C**

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### Laboratory Reports and Chain of Custody Documentation (See Files on CD)

#### Fairway Laboratories ID Numbers:

4K03036  
4K07109  
4K19072  
4K19075  
4K19076  
4K19117  
4K21093  
4K21094  
4K21095

#### Lancaster Laboratories ID Numbers:

506014  
509284



## **APPENDIX D**

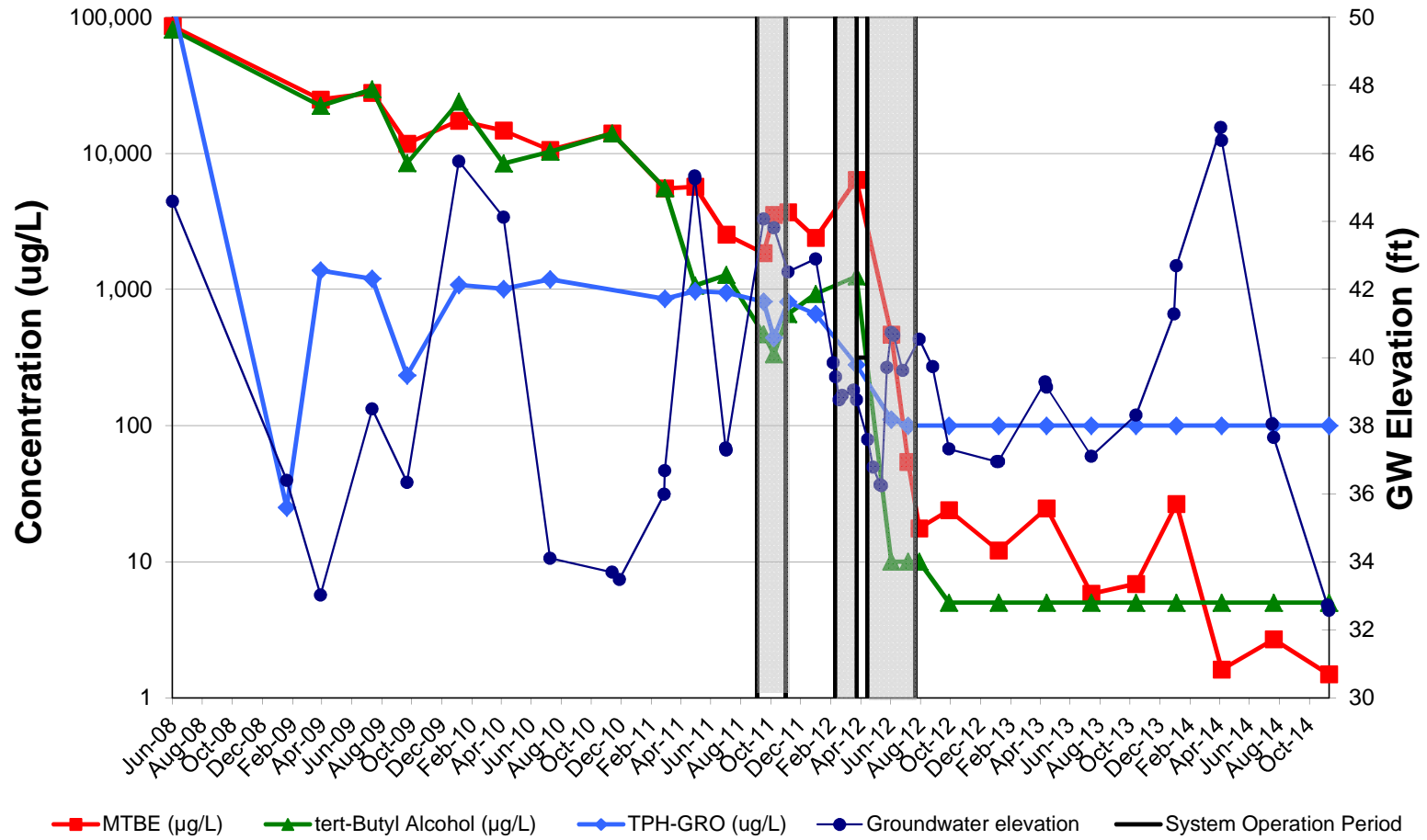
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Groundwater Monitoring Graphs

**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

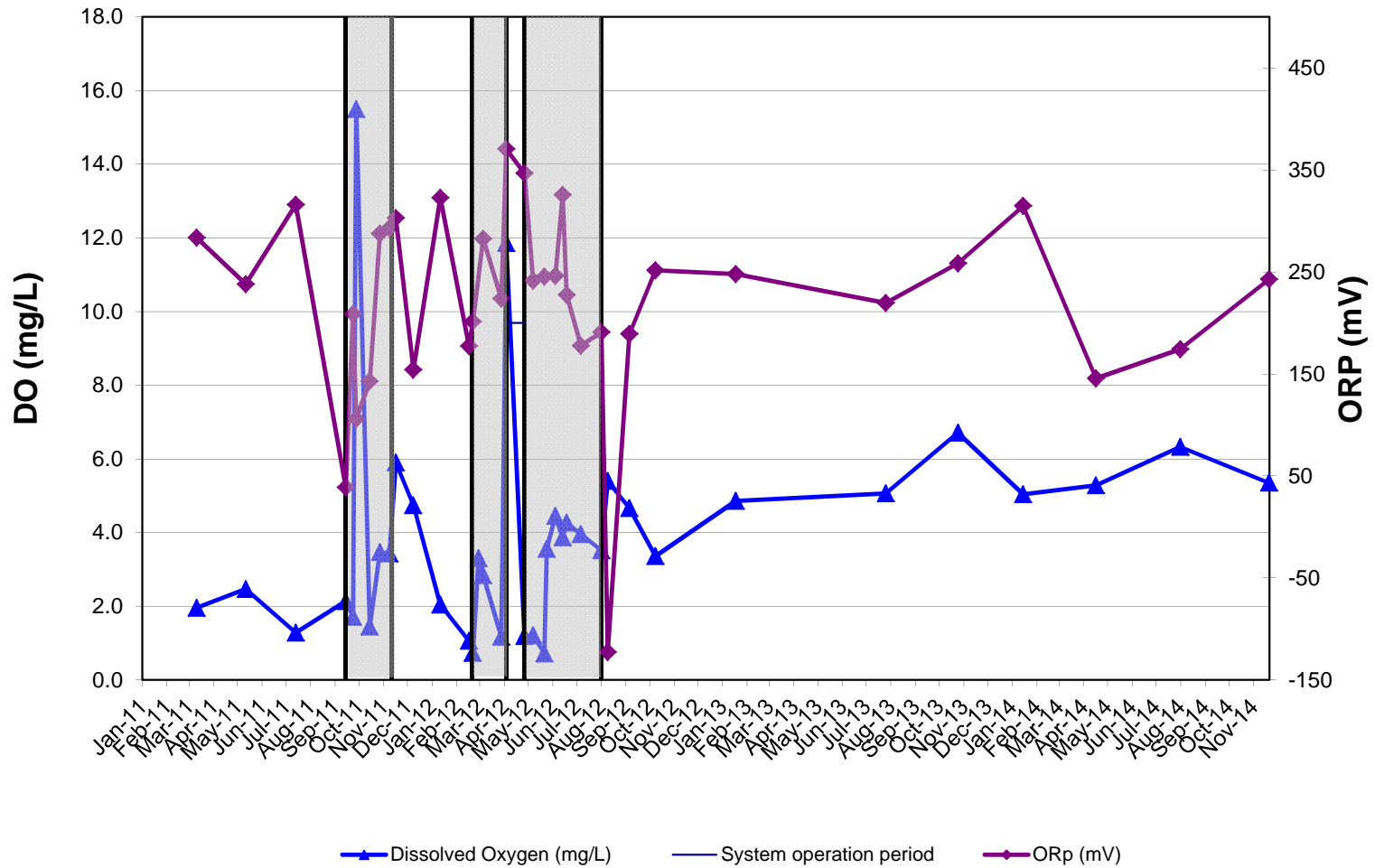
**MW-7**



**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

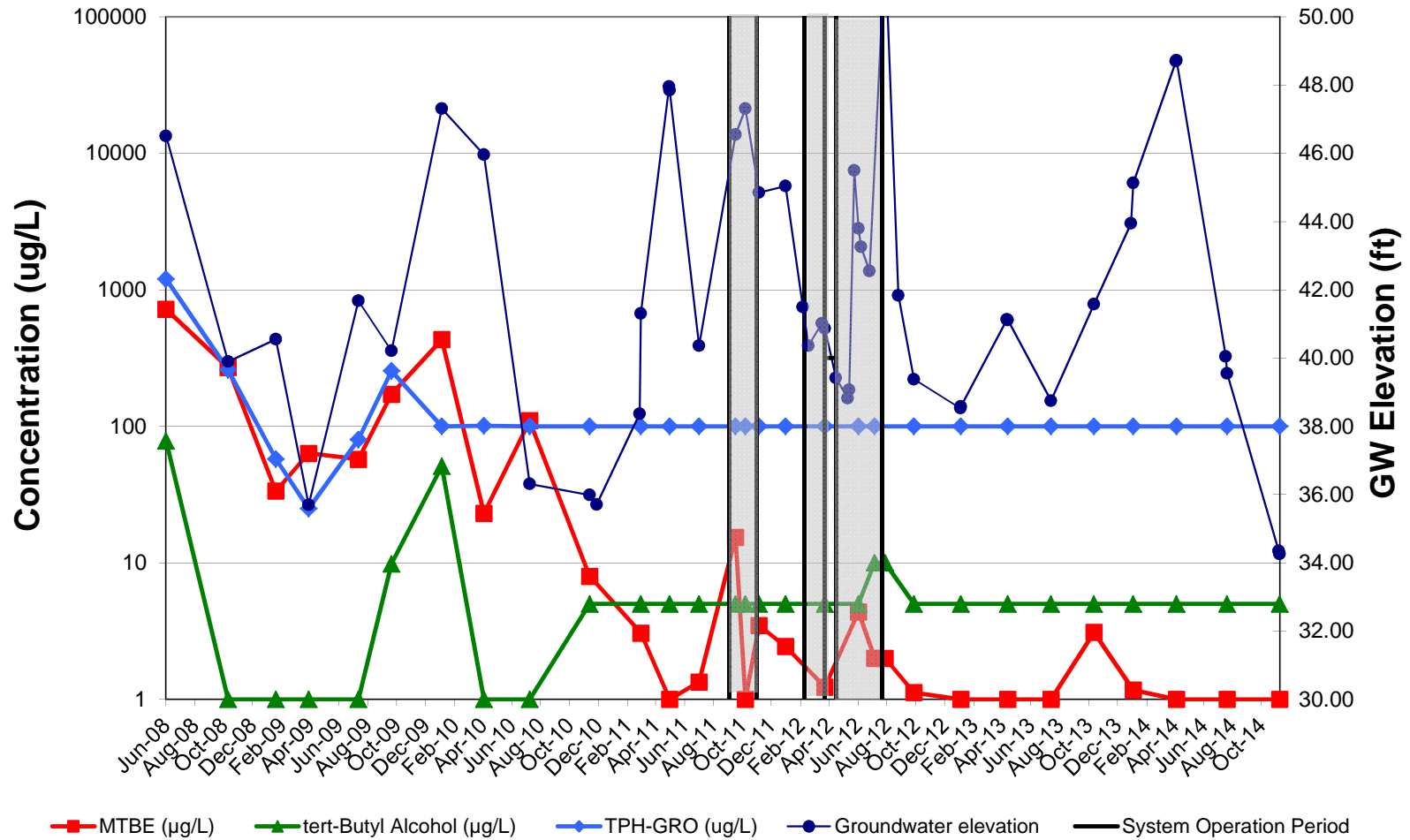
**MW-7**



**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

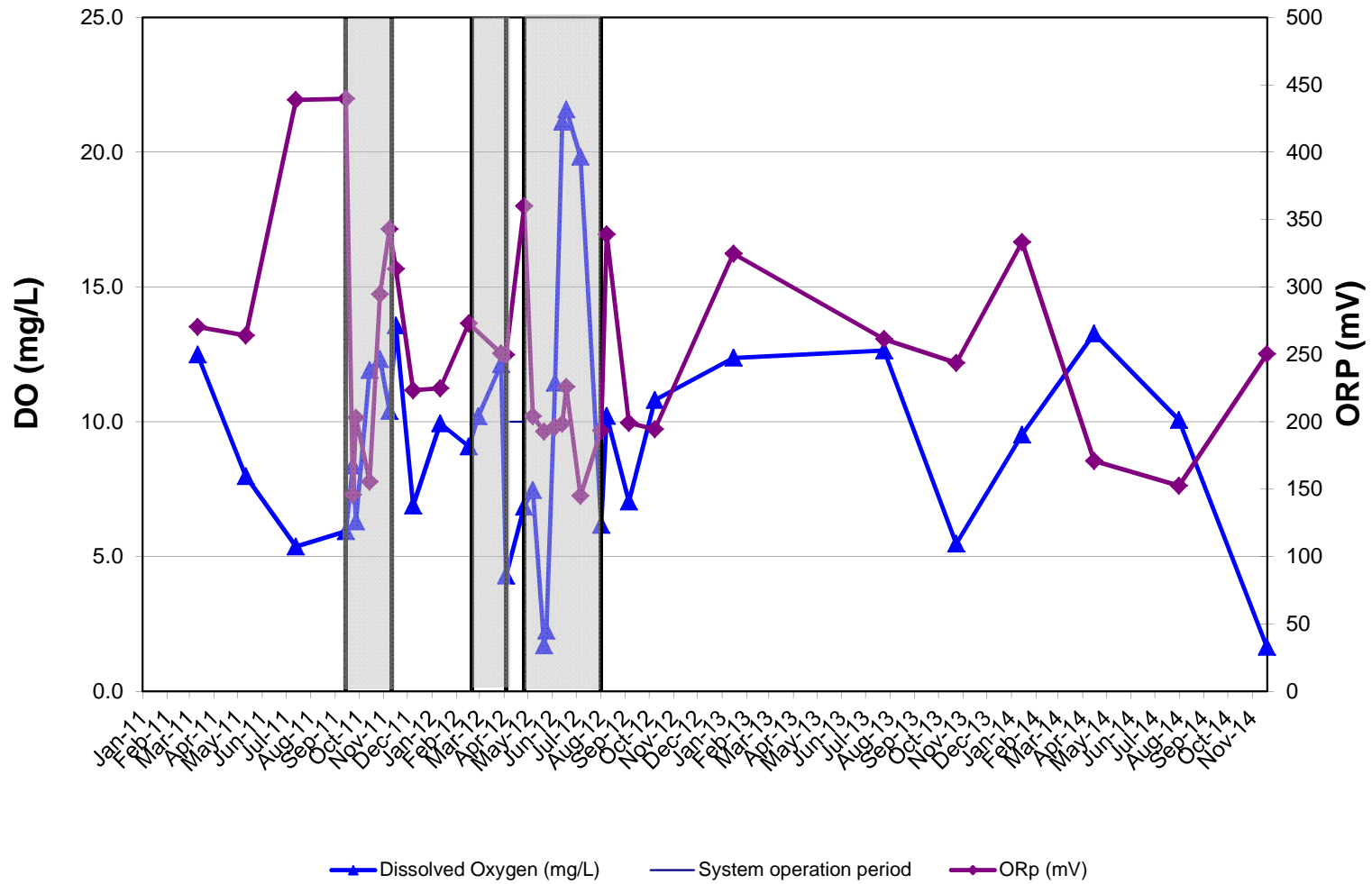
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GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

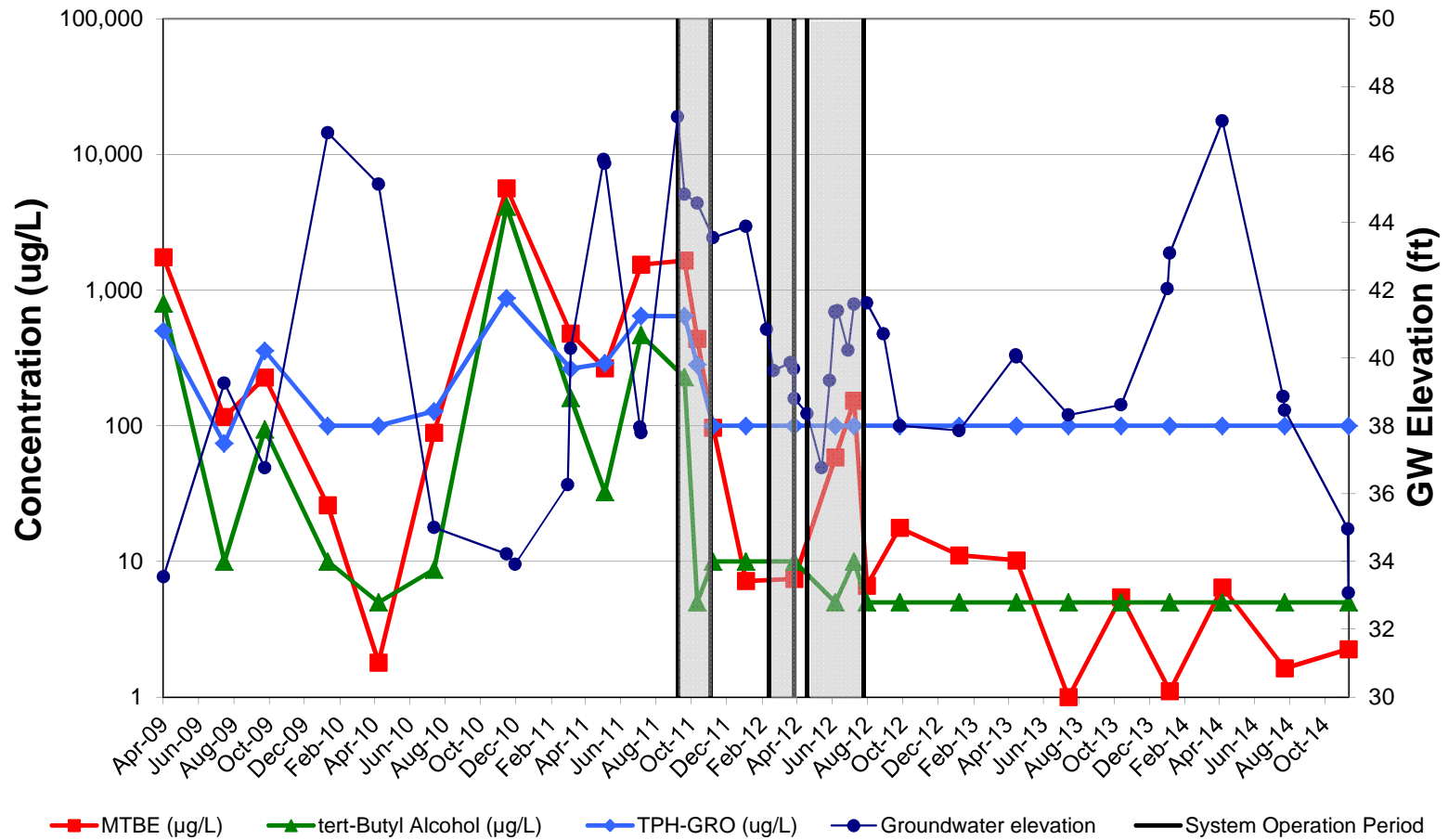
MW-8



GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

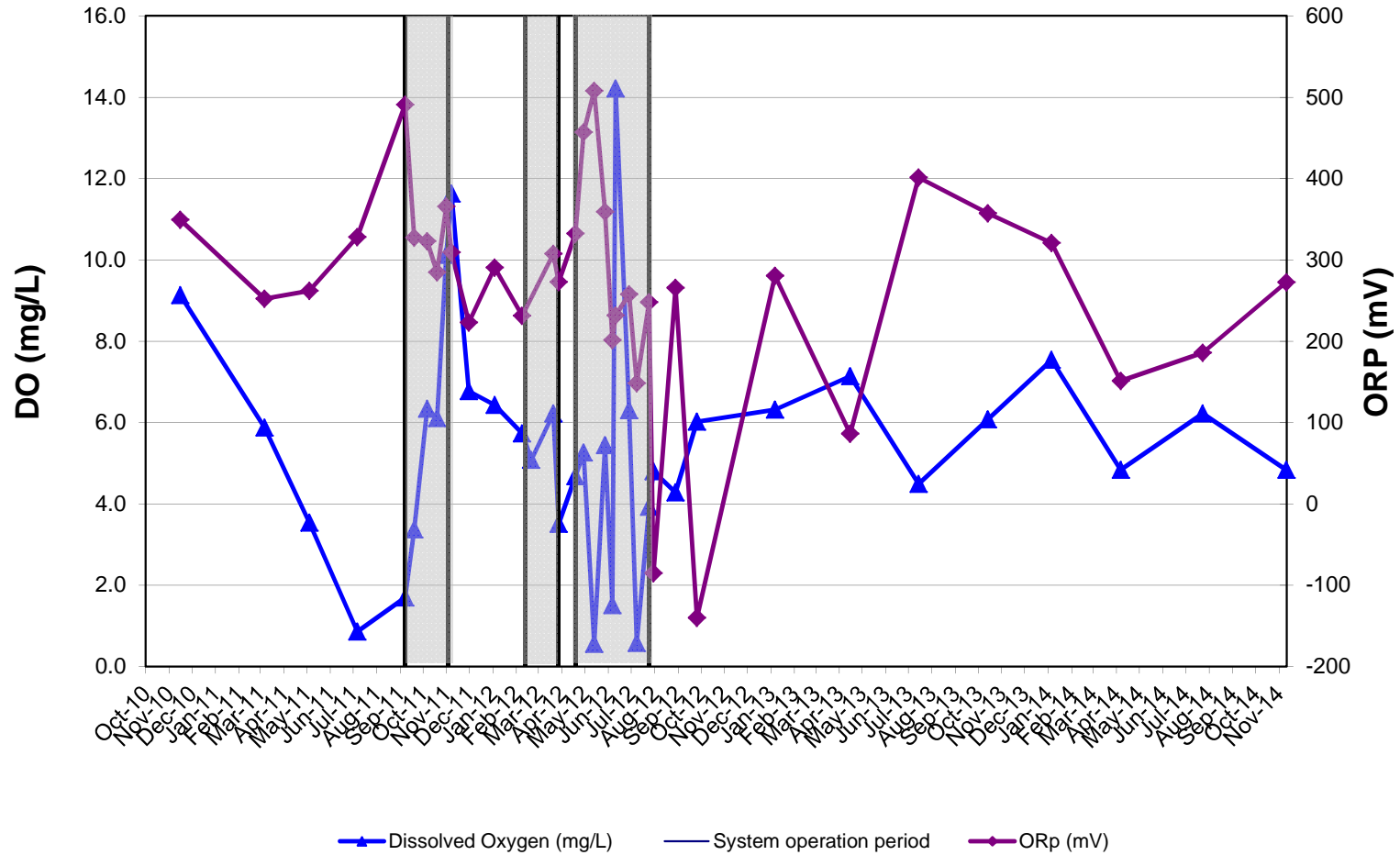
MW-10



**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

**MW-10**

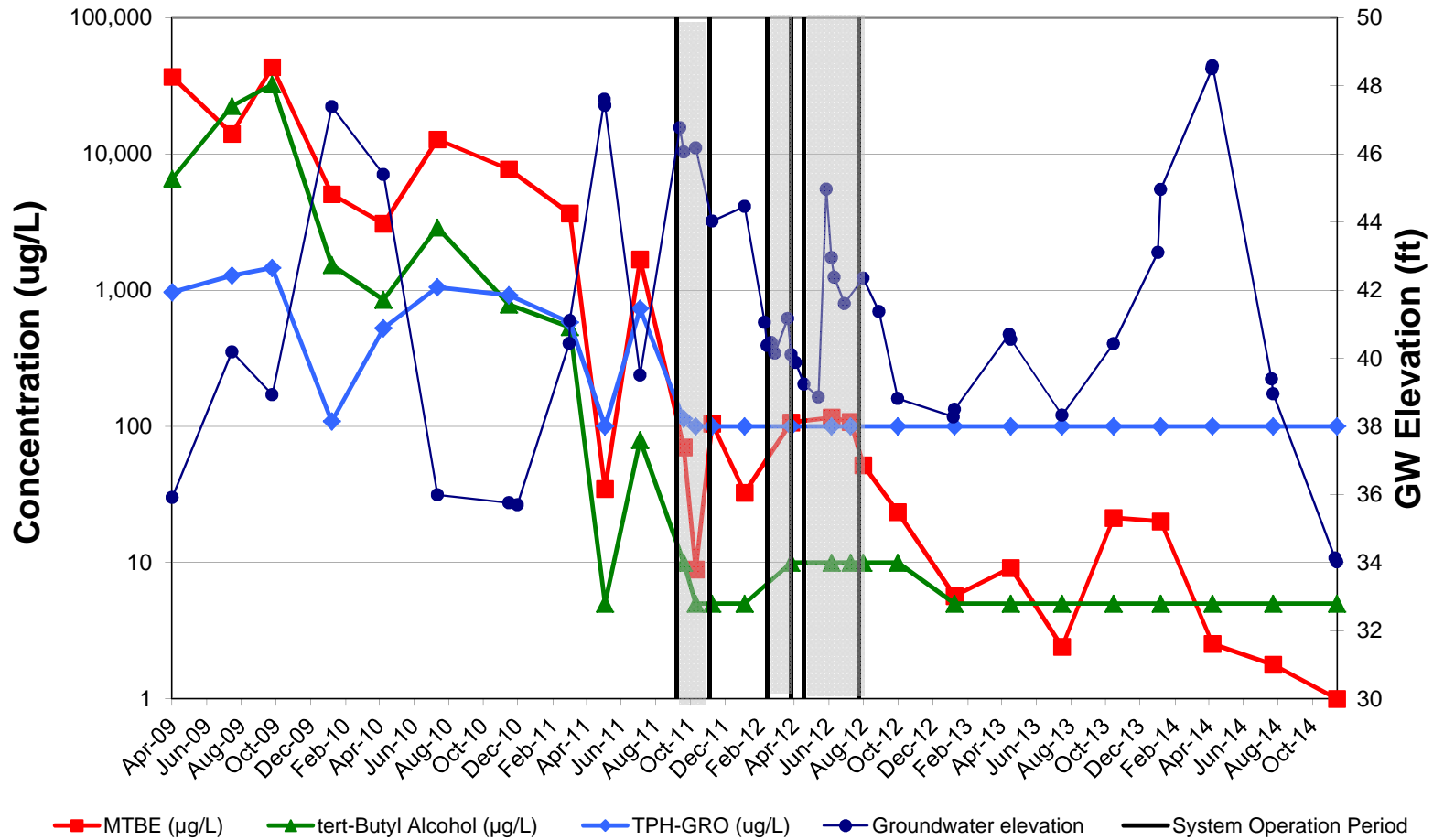




**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

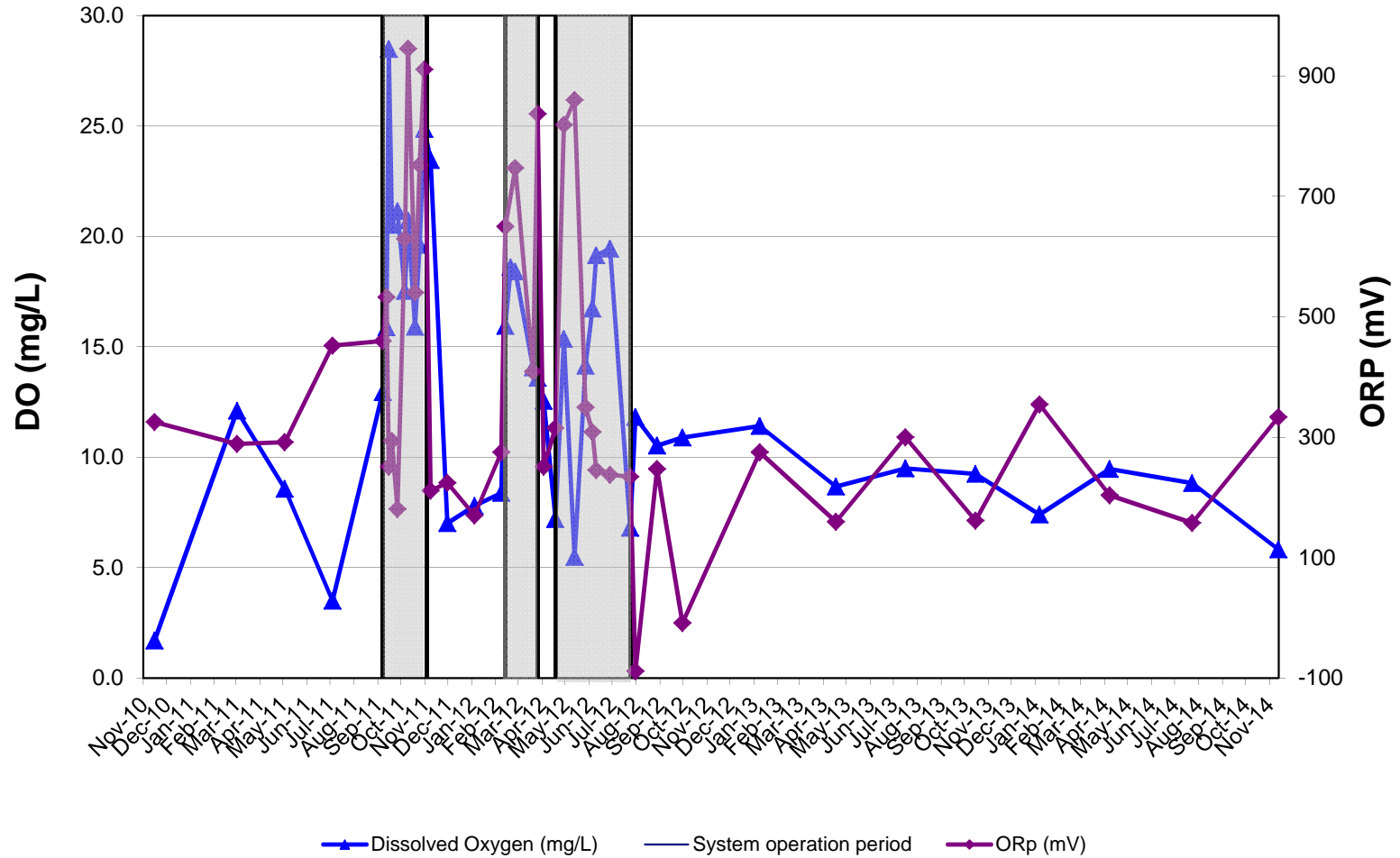
**MW-13**



GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

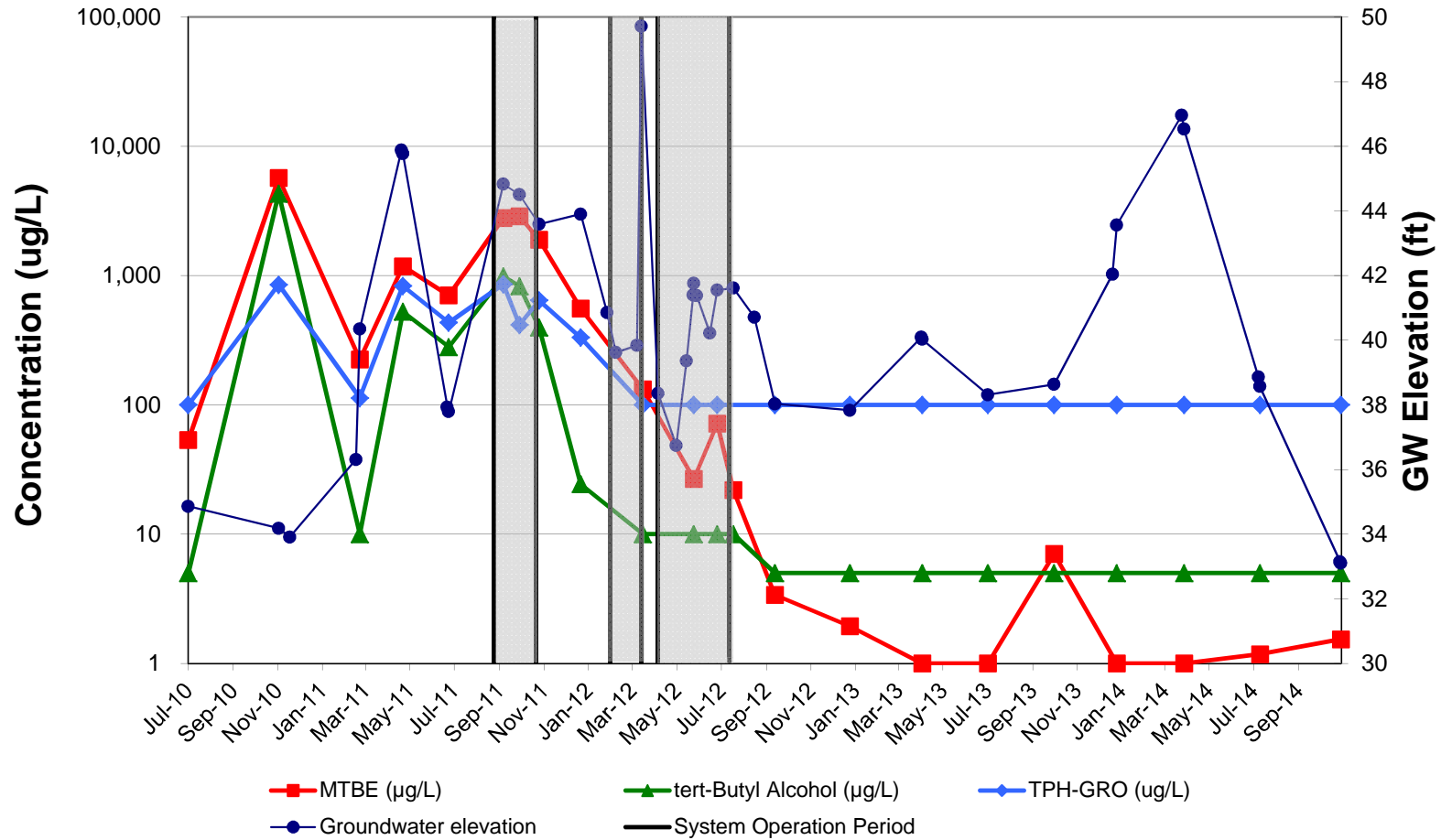
MW-13



**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

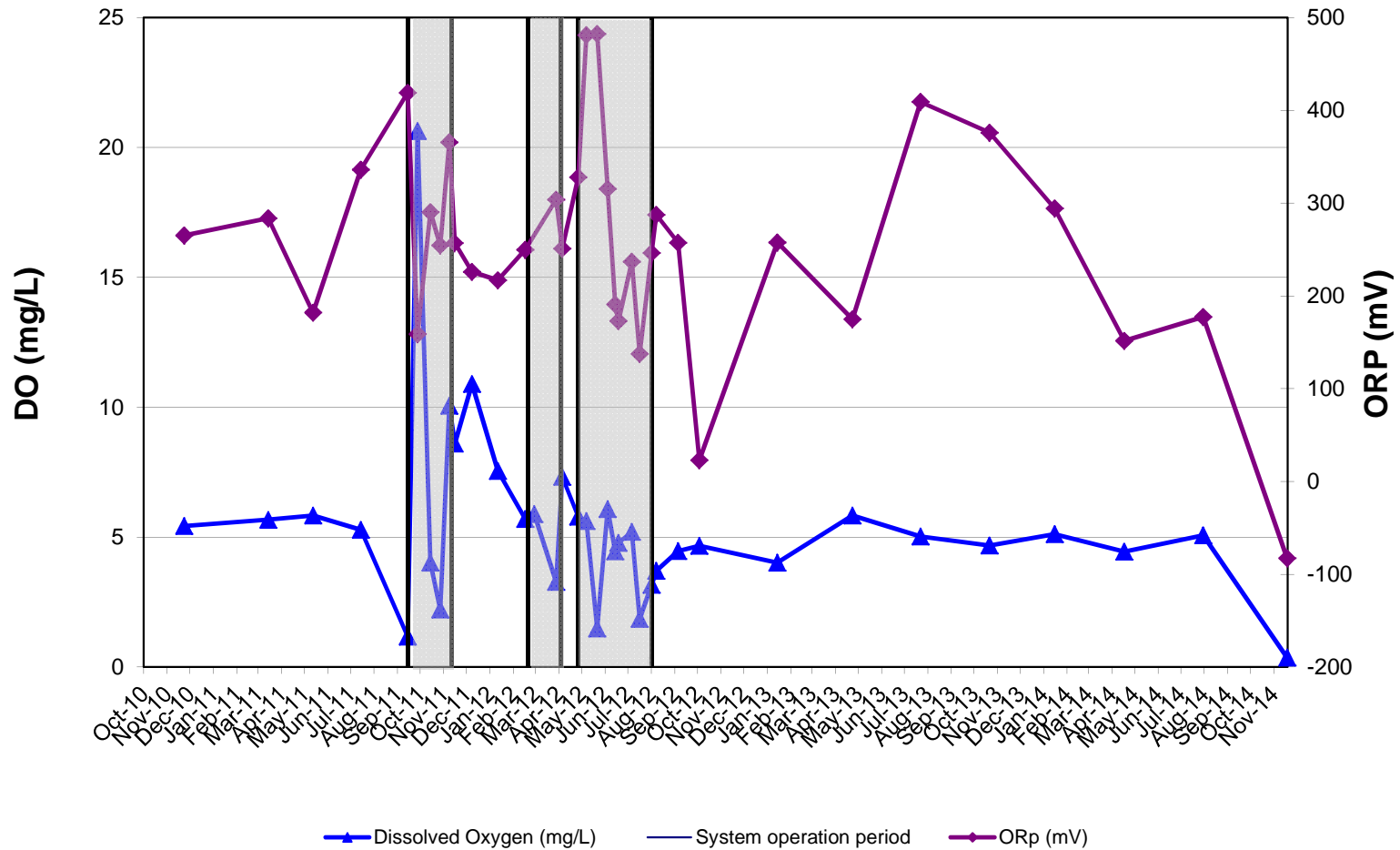
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**GROUNDWATER MONITORING GRAPHS**

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11791 Fingerboard Rd  
Monrovia, MD**

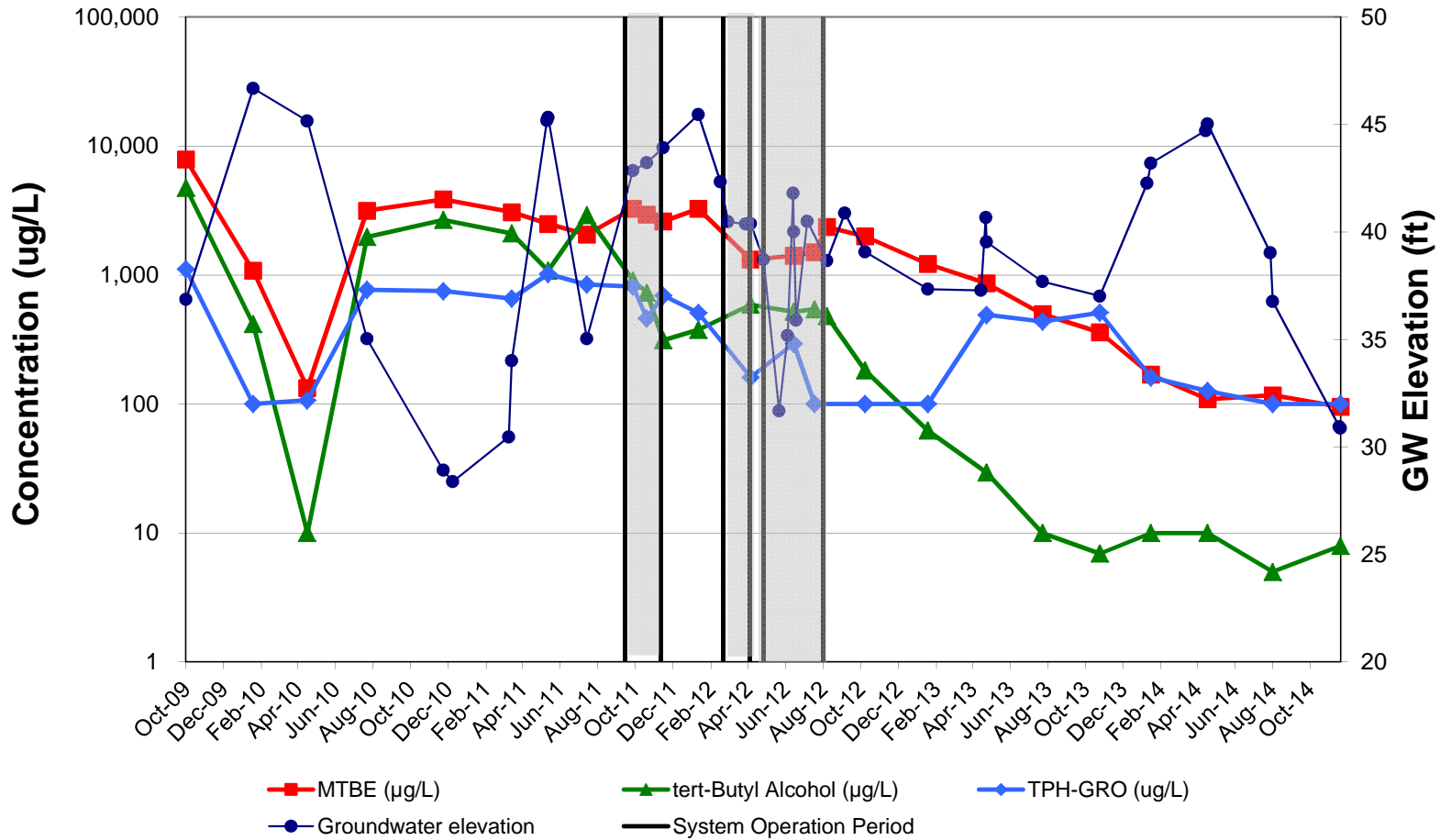
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**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

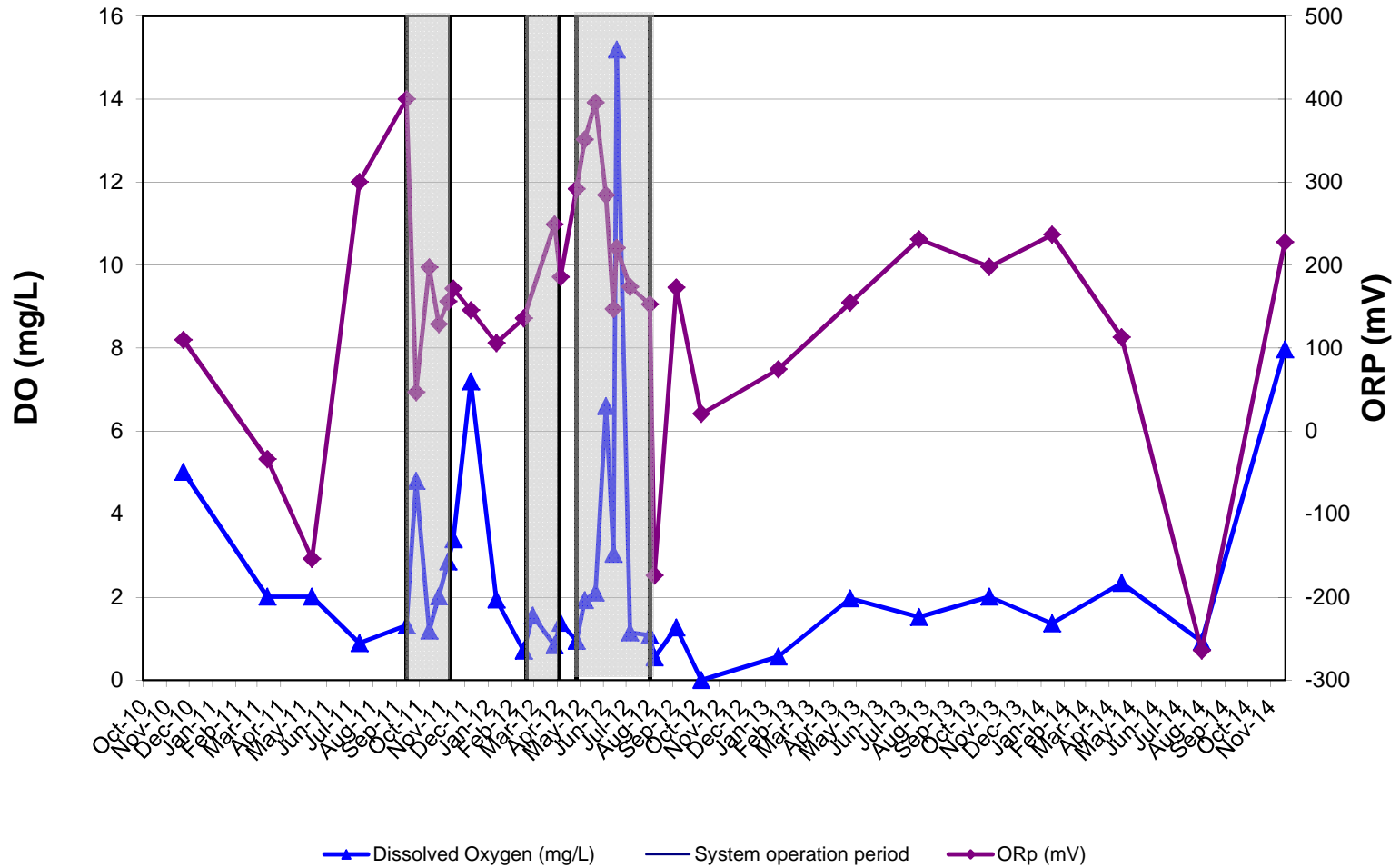
**MW-14D**



GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

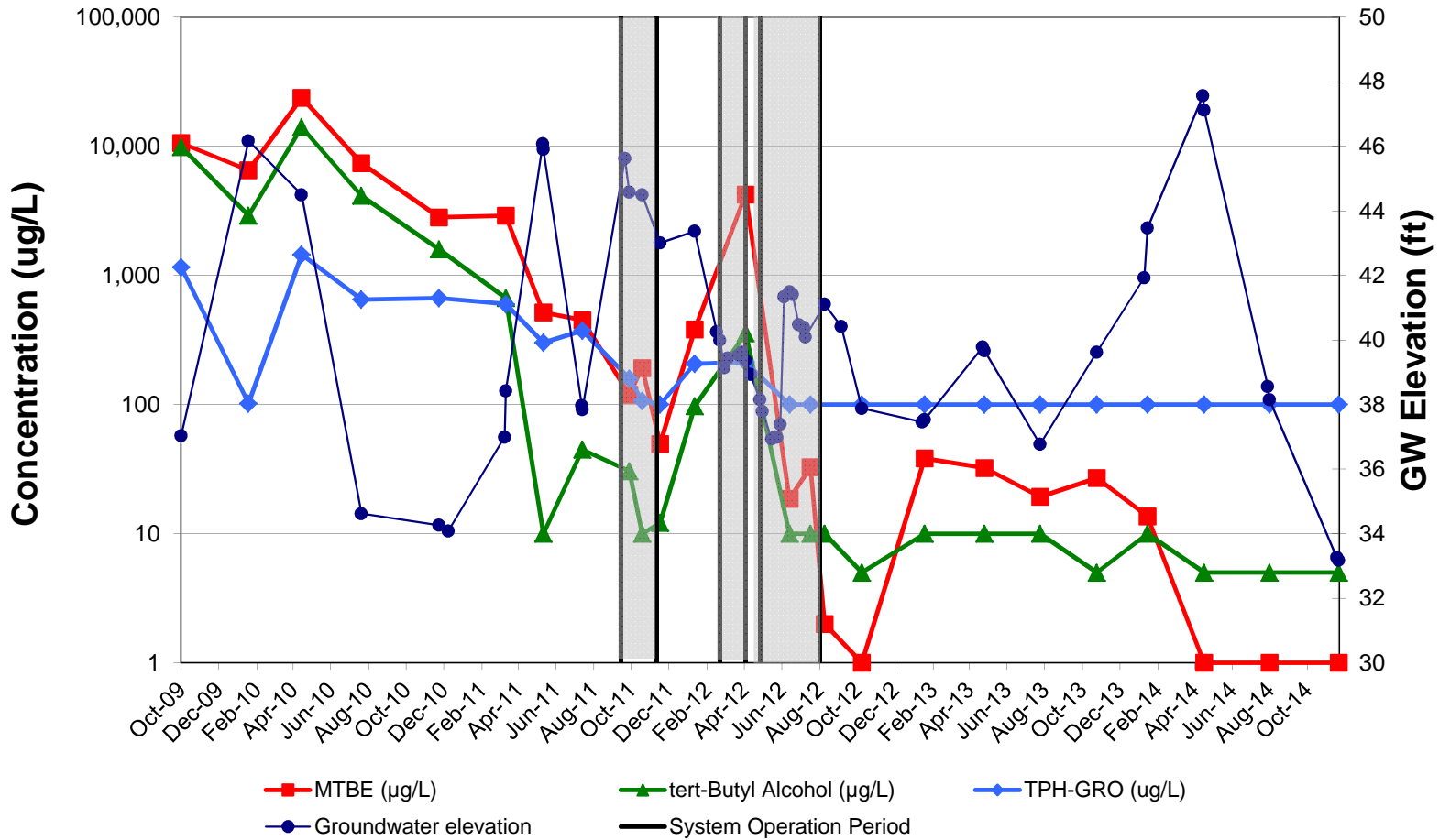
MW-14D



GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

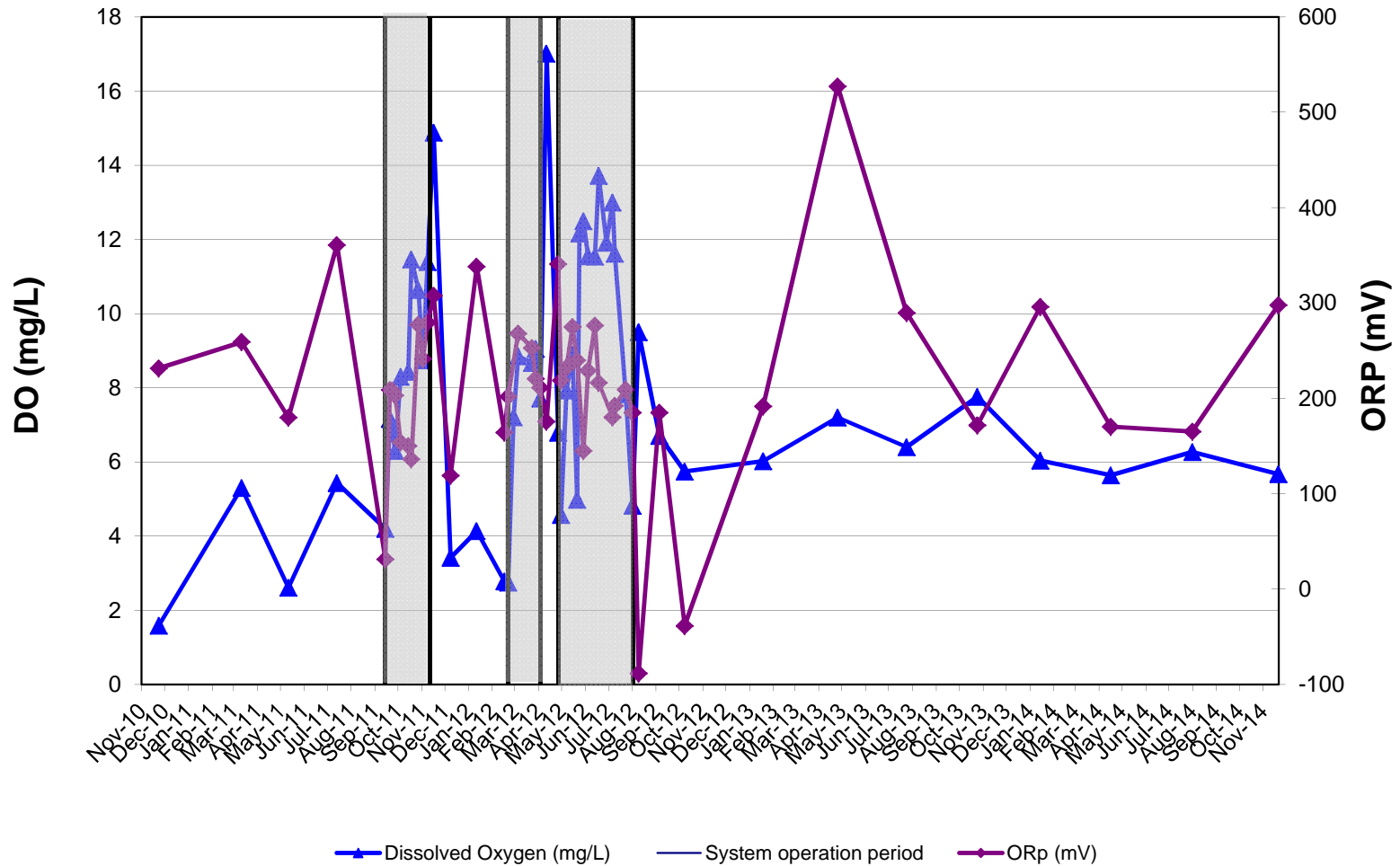
MW-15D



GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

MW-15D

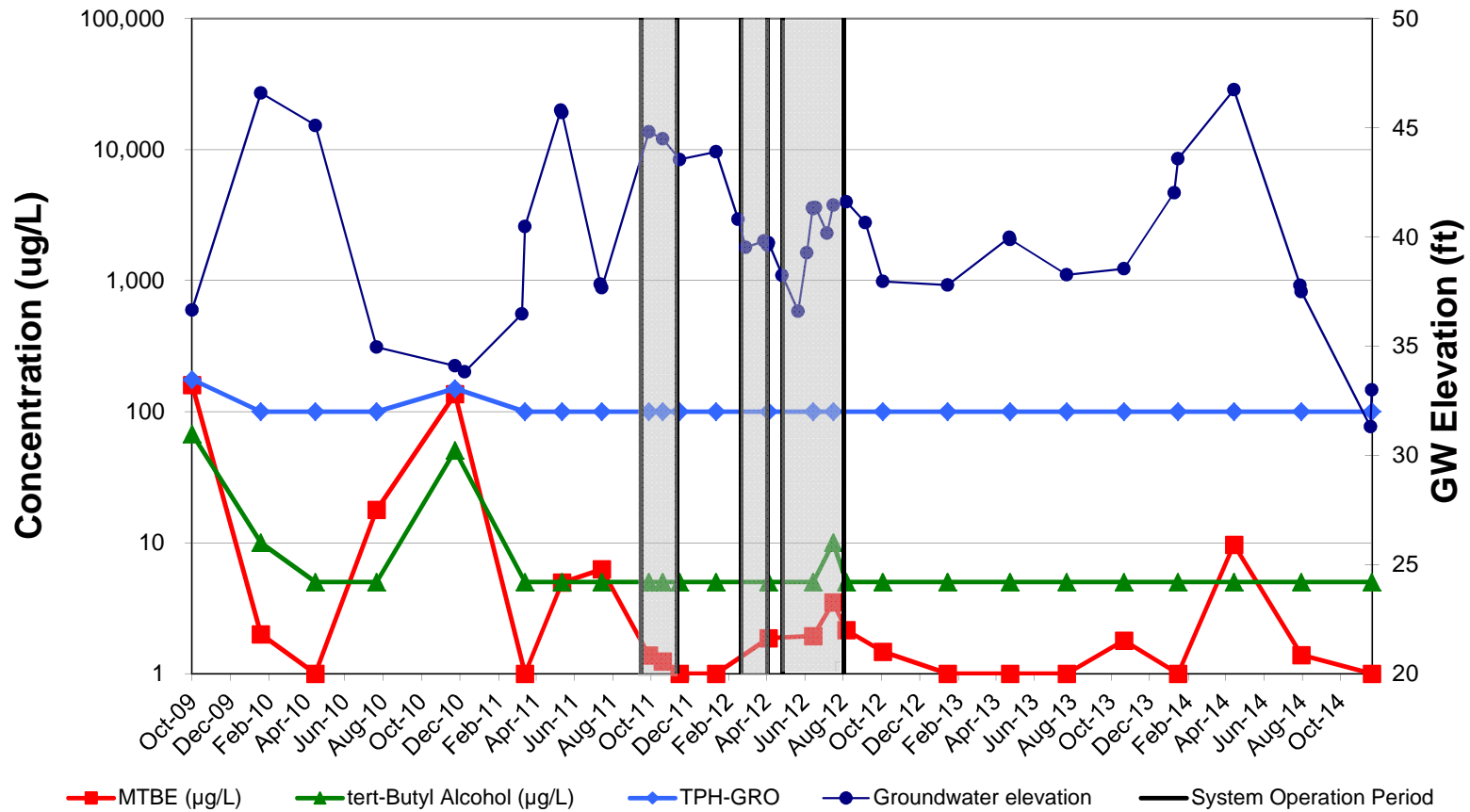




**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

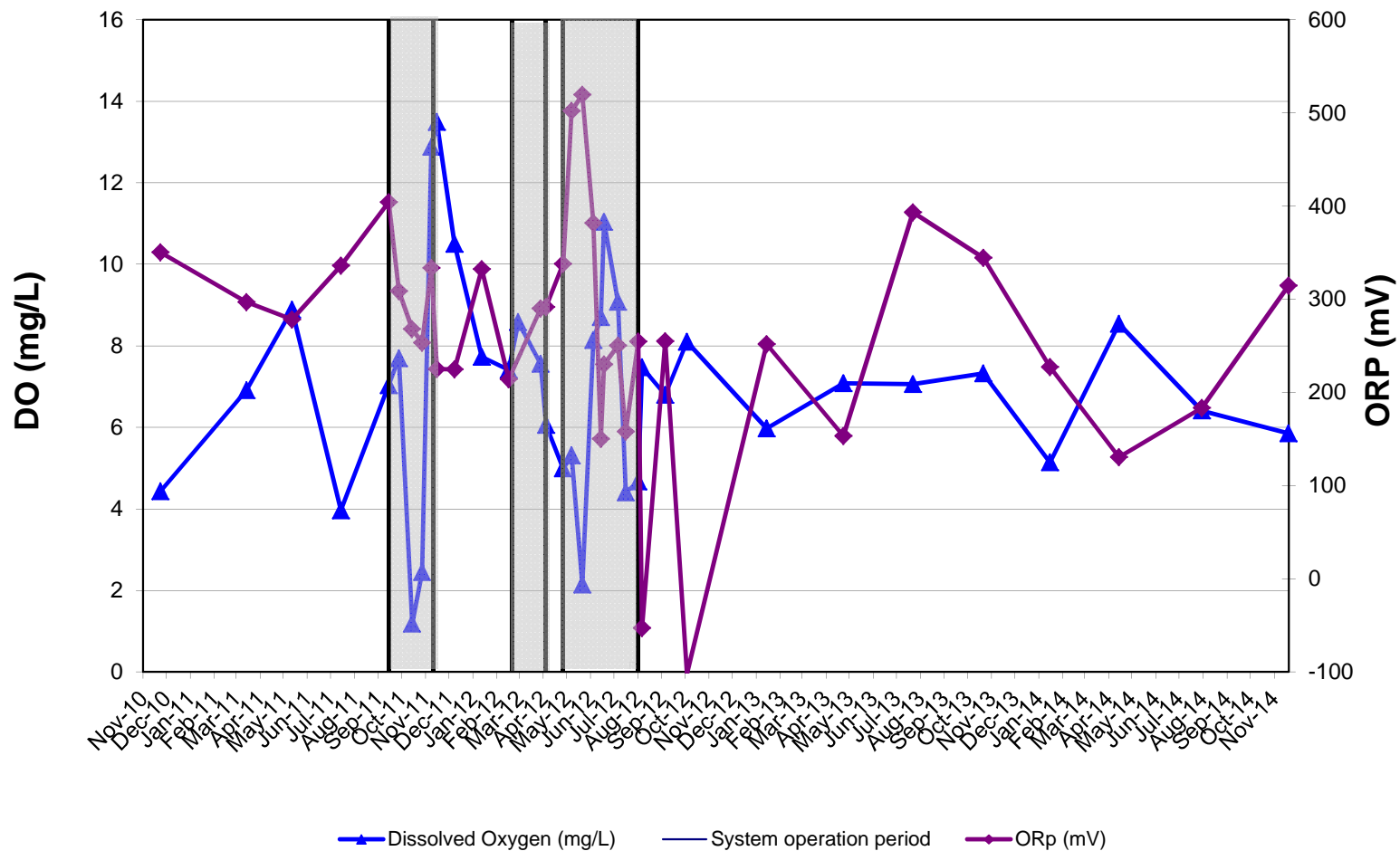
**MW-16**



**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

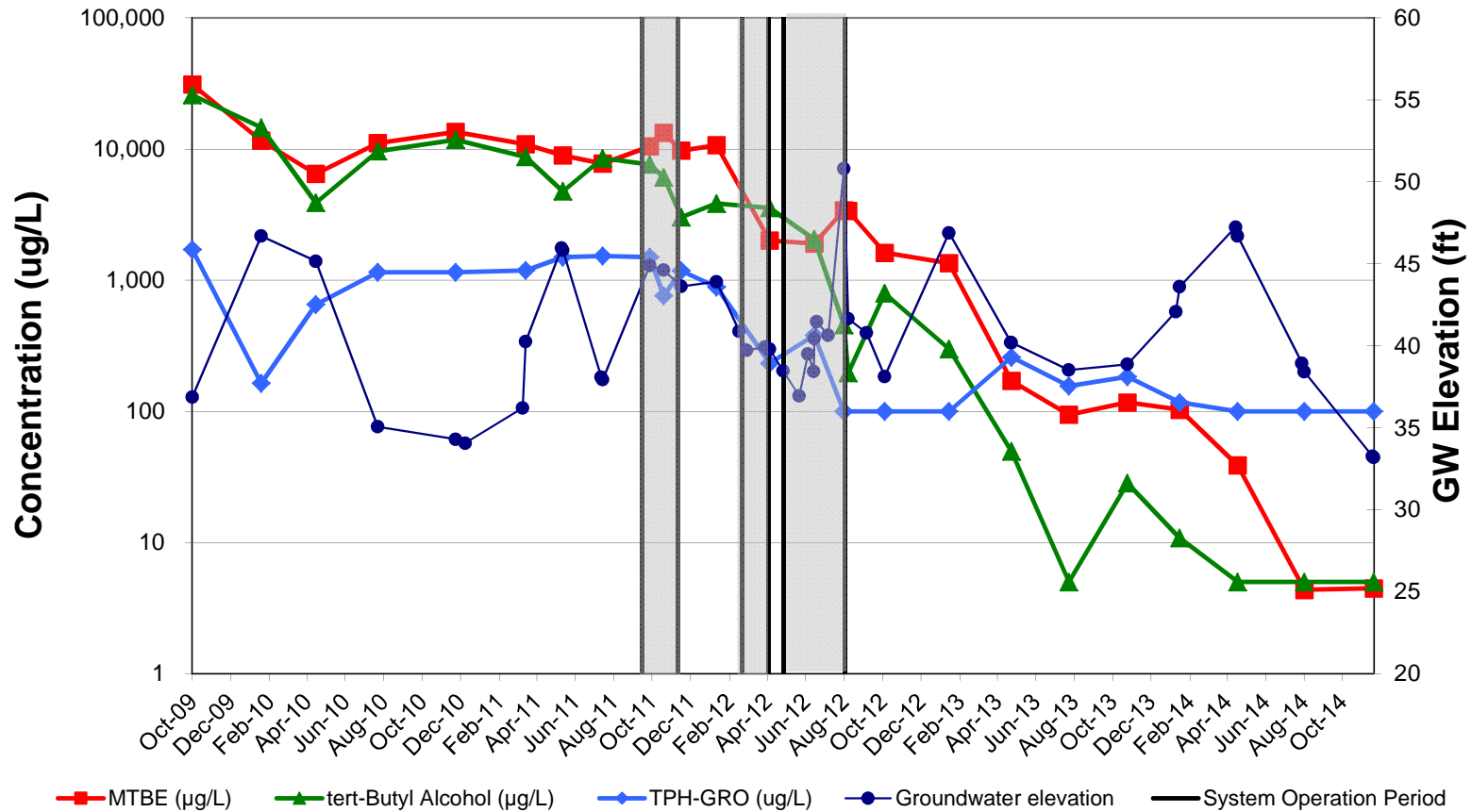
**MW-16**



GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

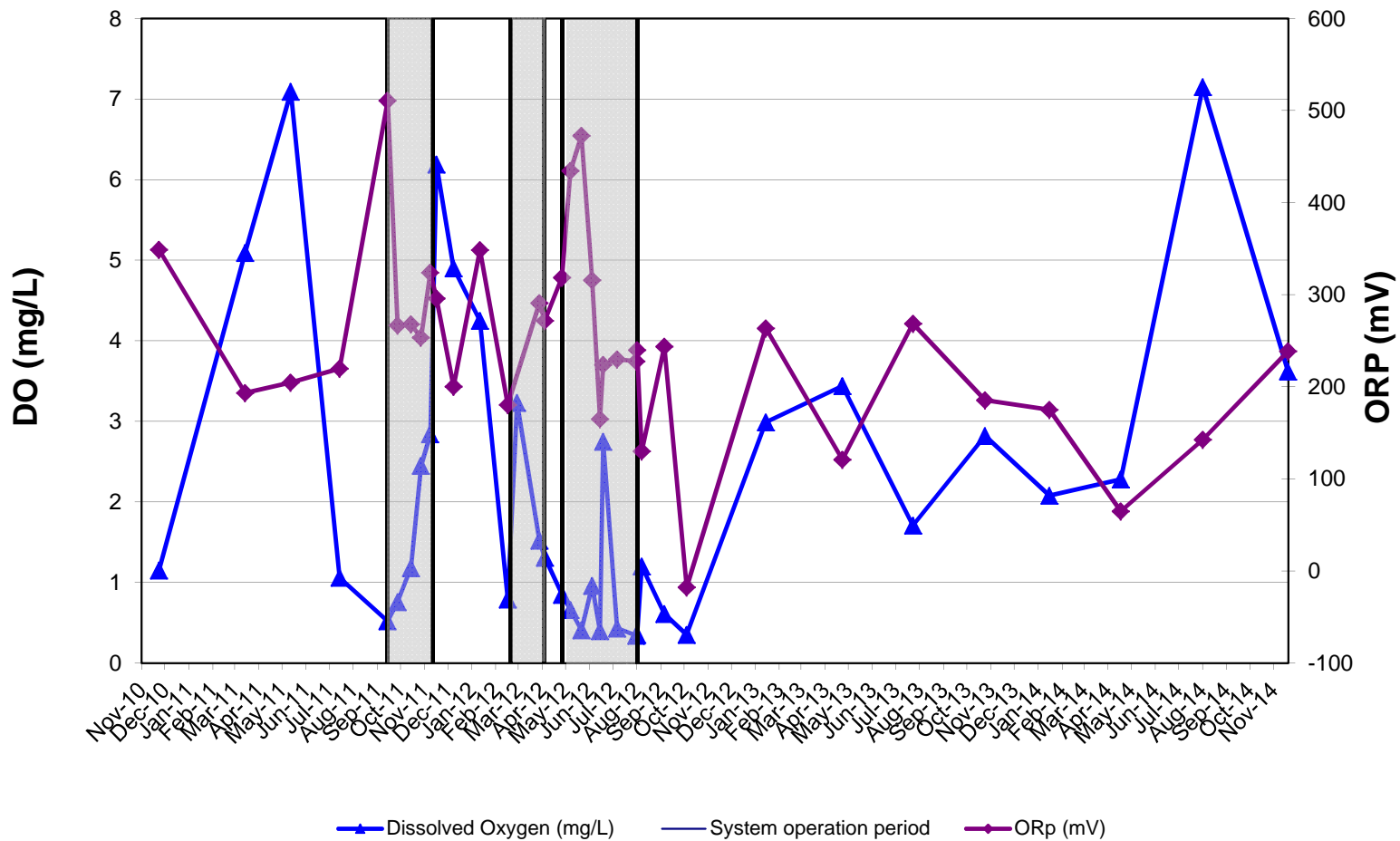
MW-17



GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

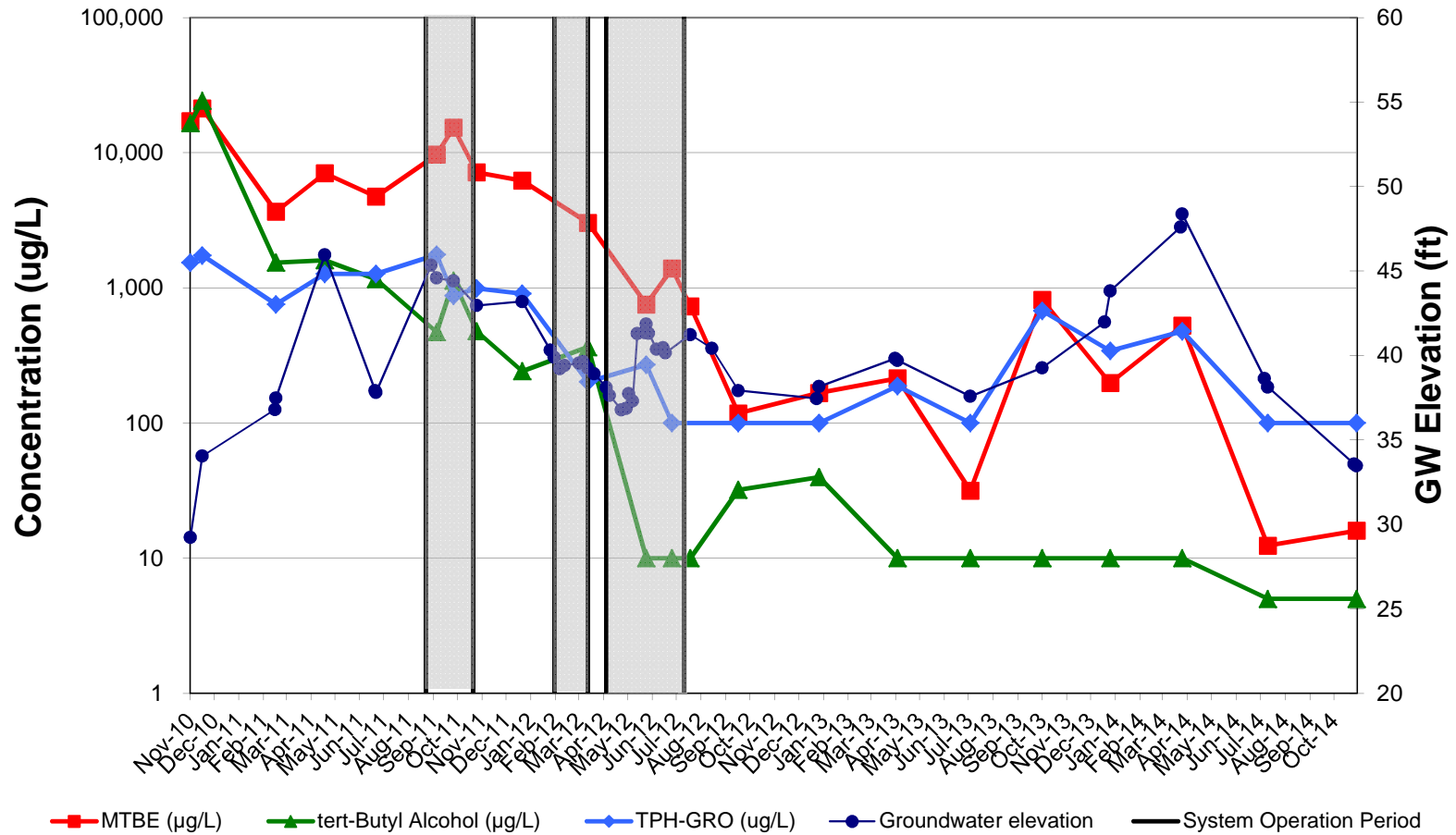
MW-17



**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD**

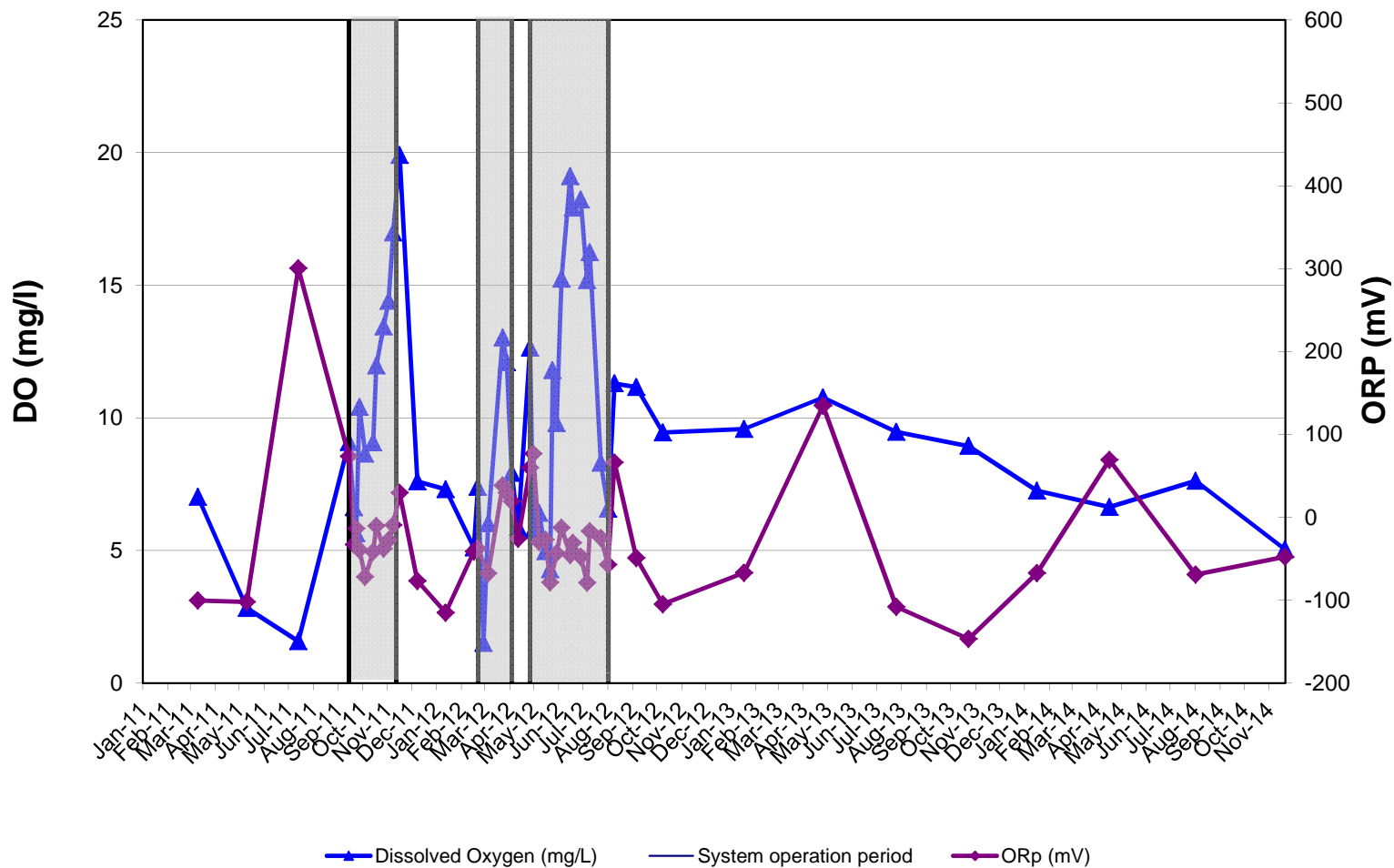
**MW-18S**



### GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

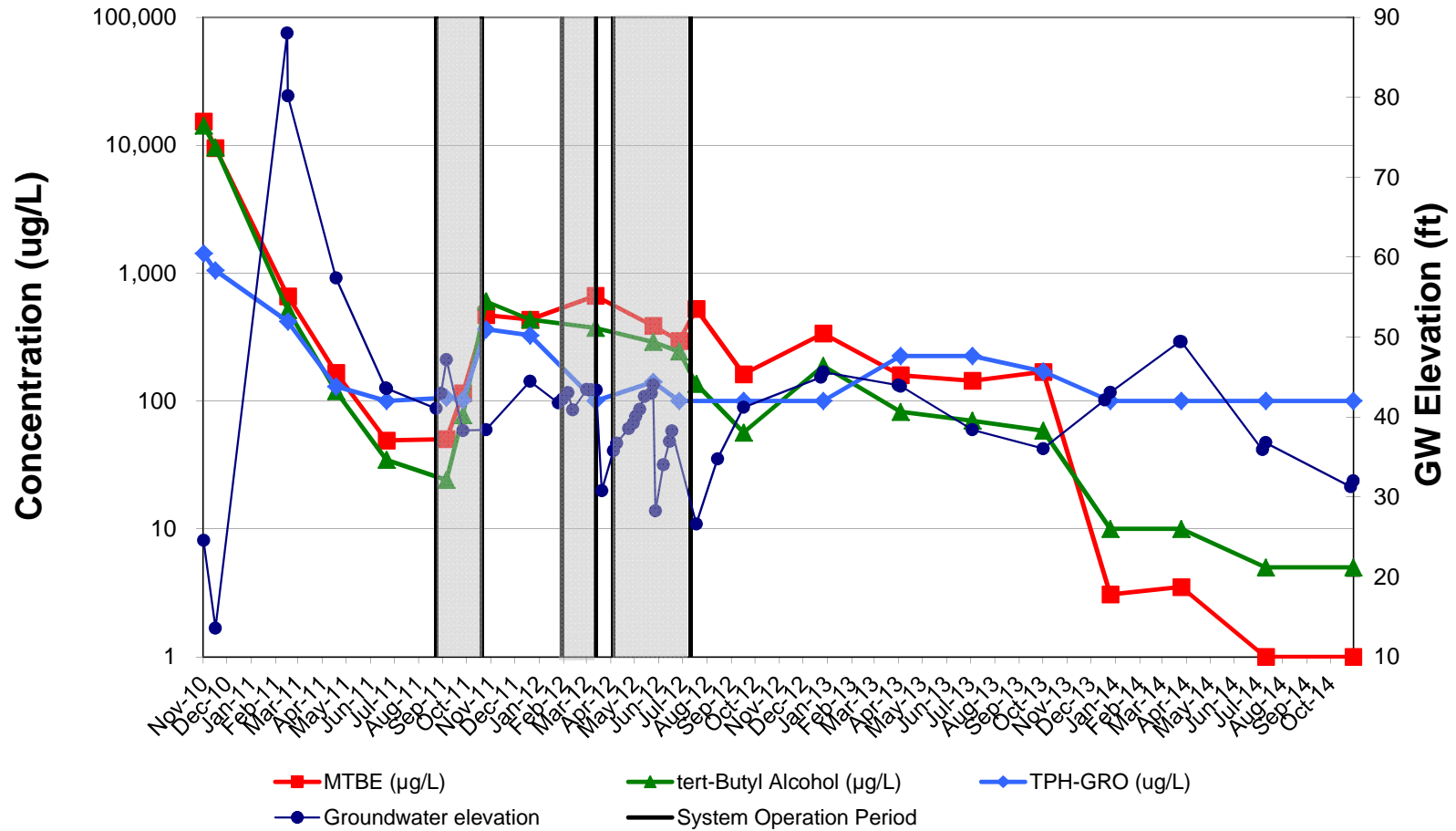
## MW-18S



**GROUNDWATER MONITORING GRAPHS**

**Carroll - Monrovia BP/Former Green Valley Citgo**  
**11791 Fingerboard Rd**  
**Monrovia, MD**

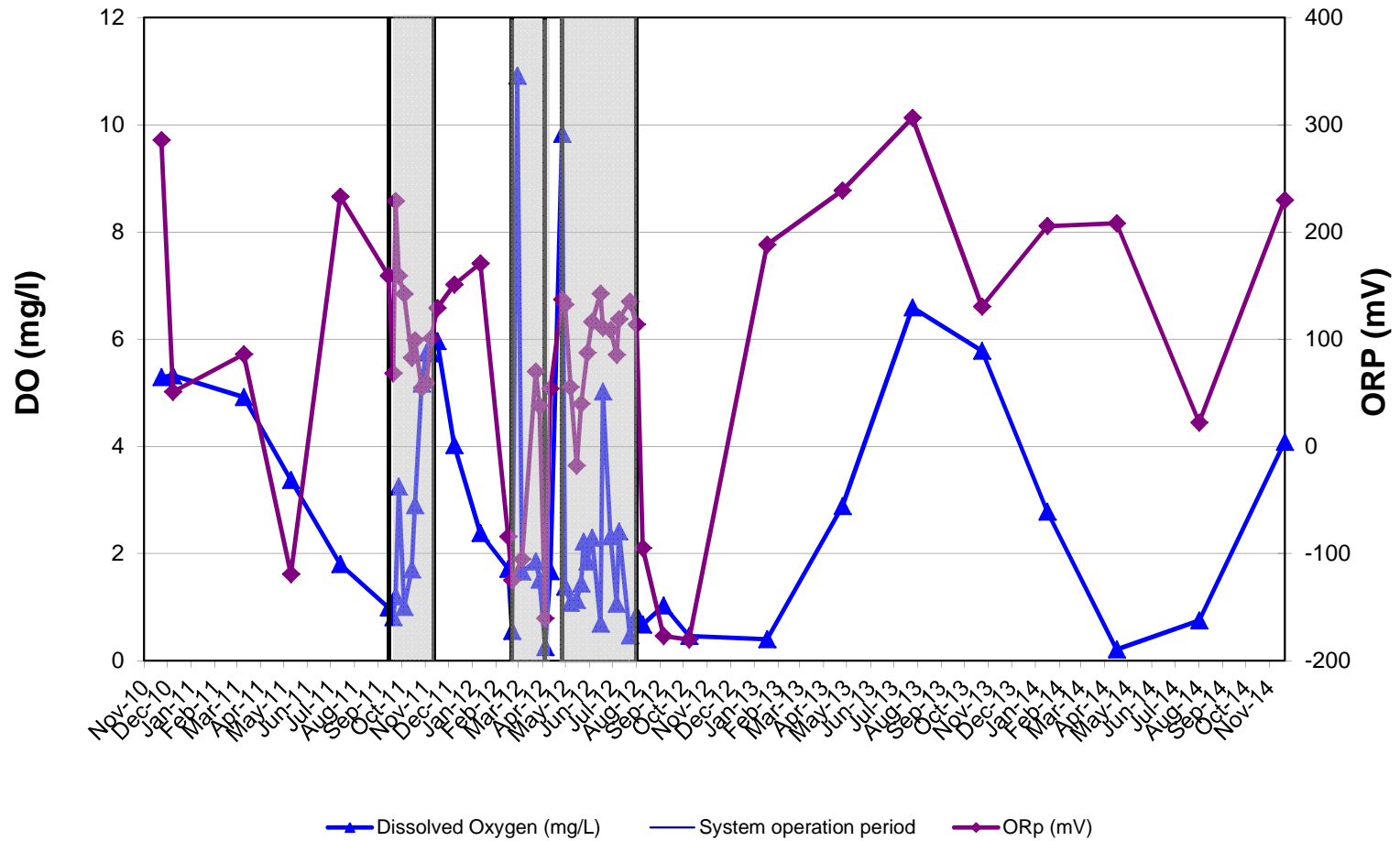
**MW-18D**



GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

MW-18D







## **APPENDIX E**

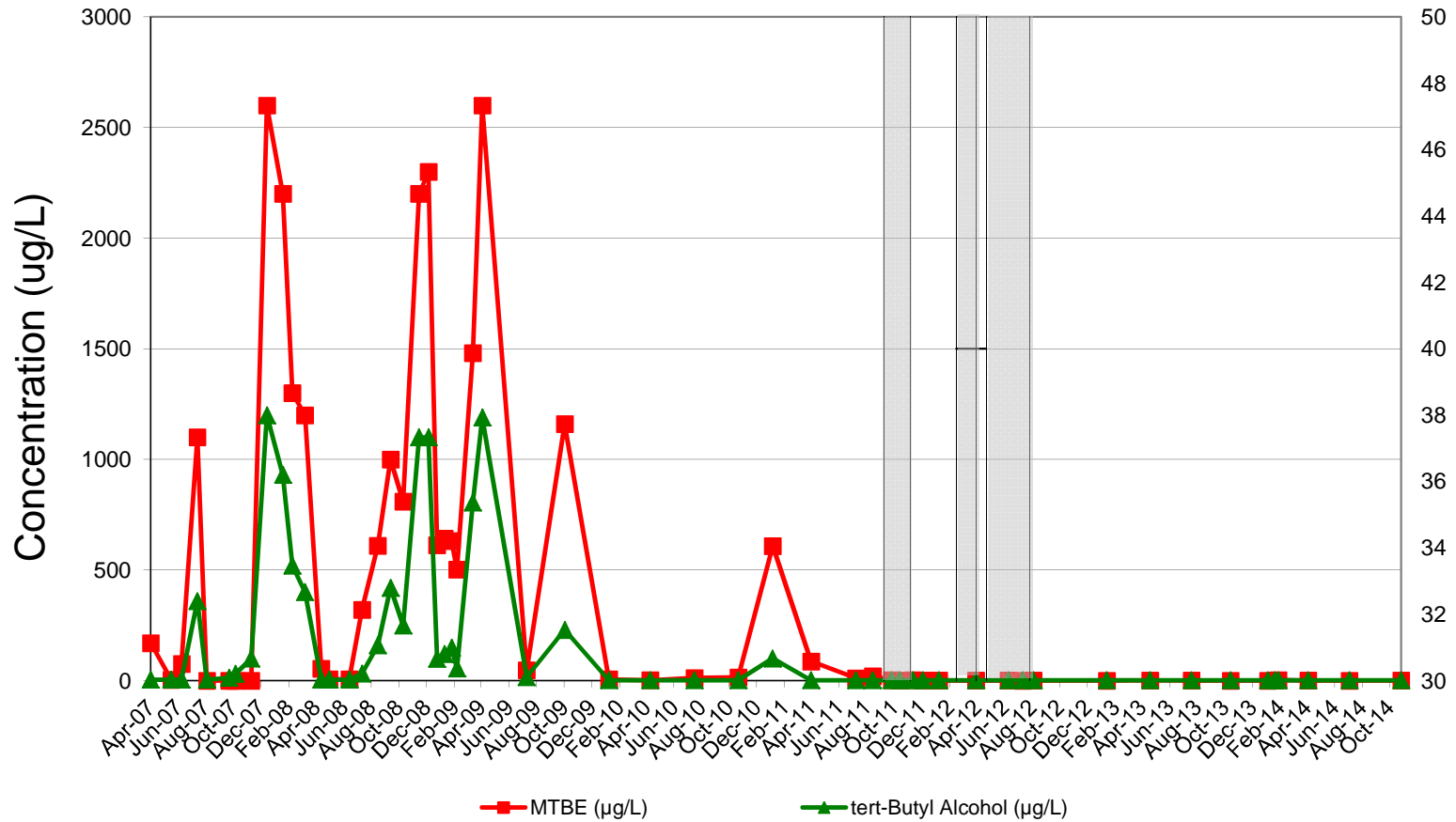
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### Residential Supply Well Groundwater Monitoring Graphs

RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

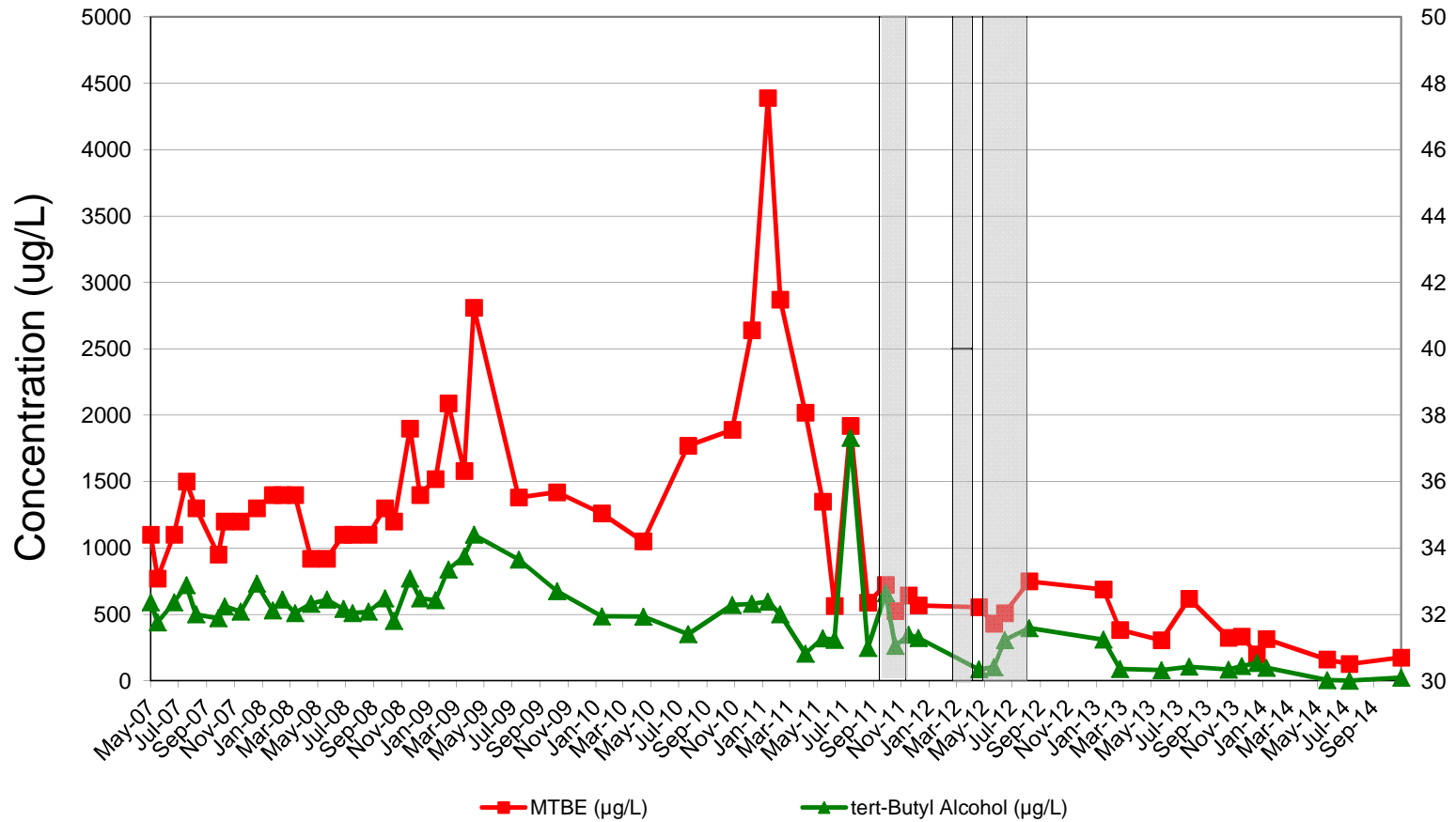
3923-ROSE-INF



RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
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Monrovia, MD

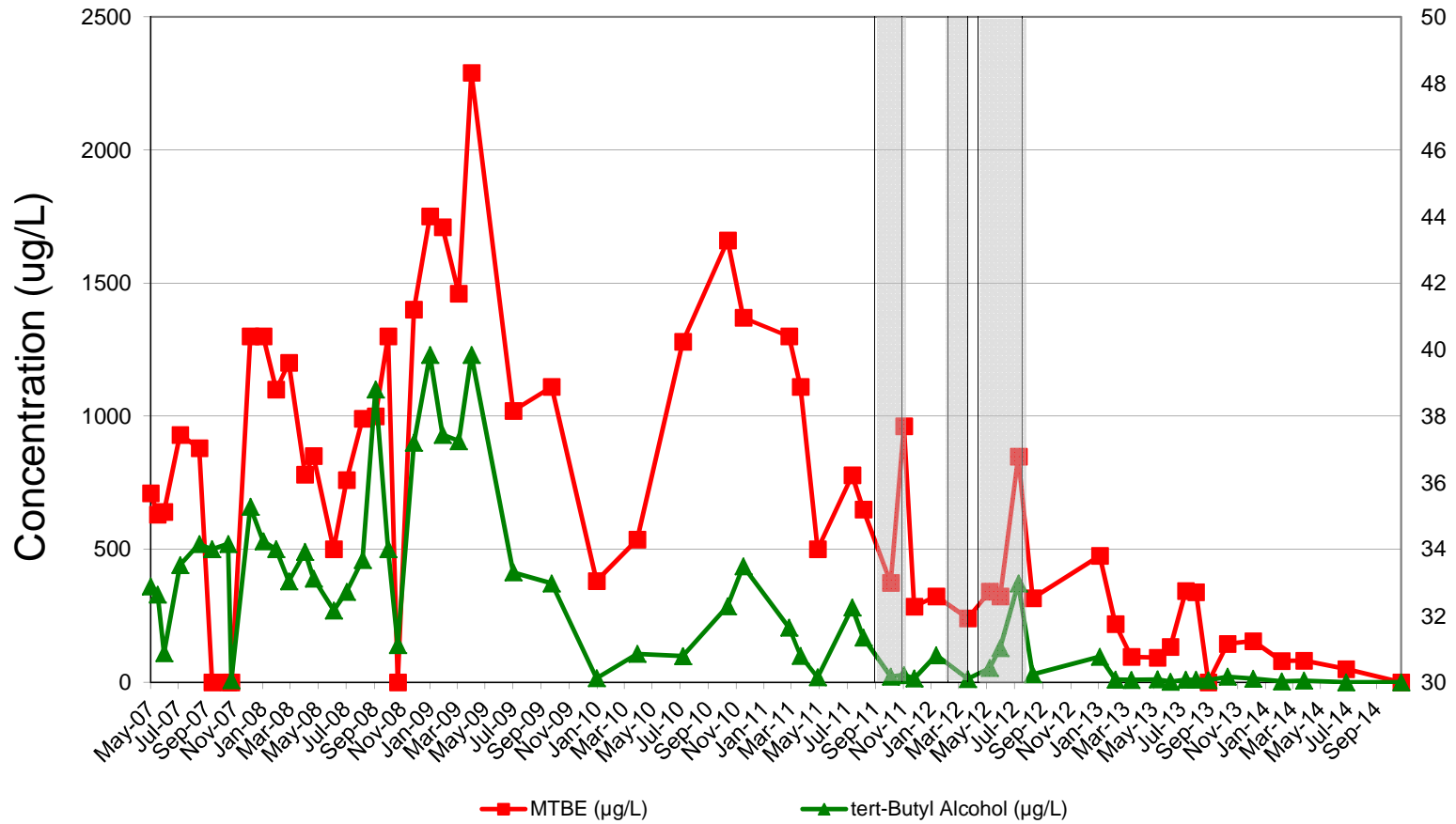
3990-FARM-INF



RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

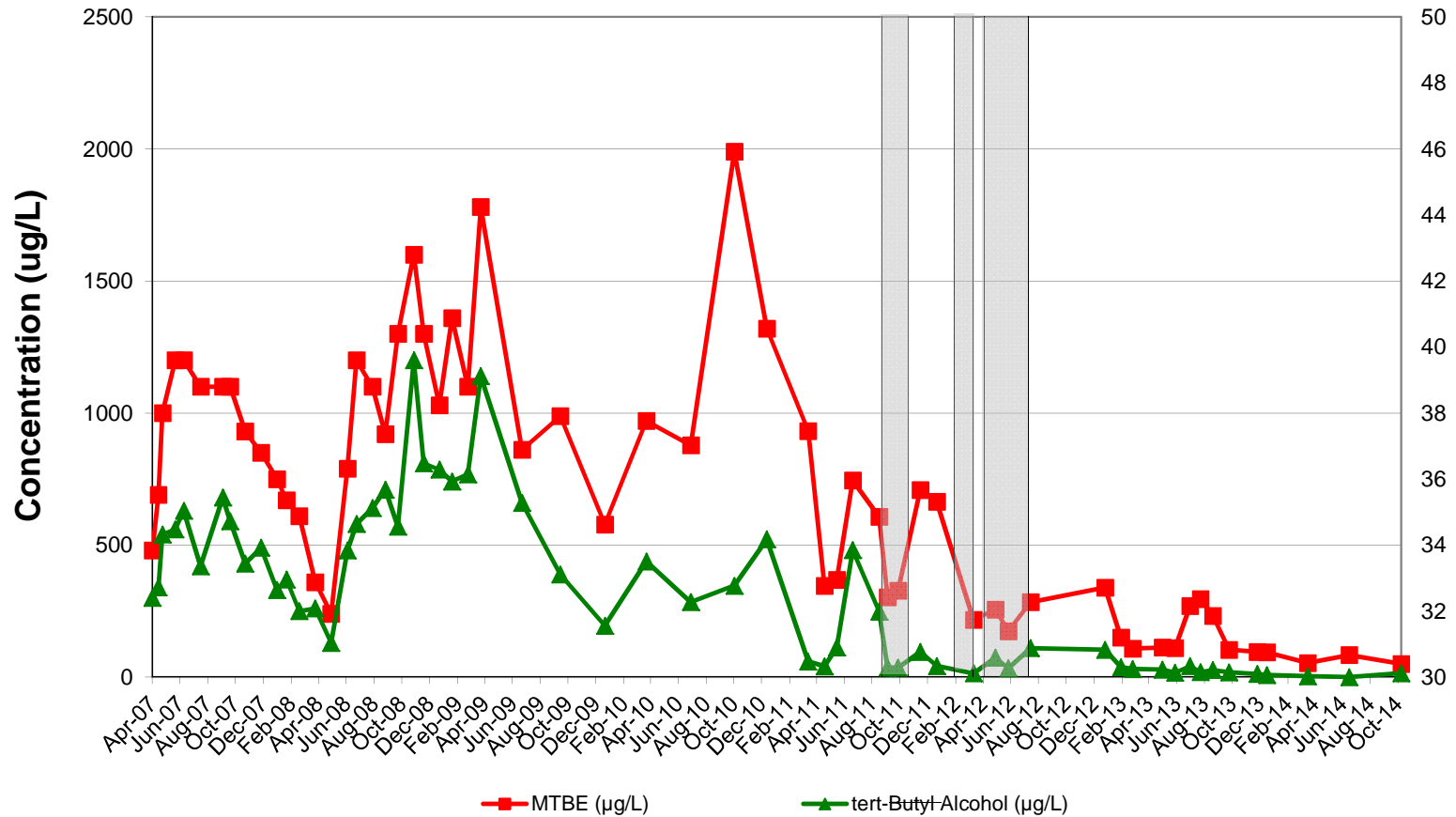
3992-FARM-INF



RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

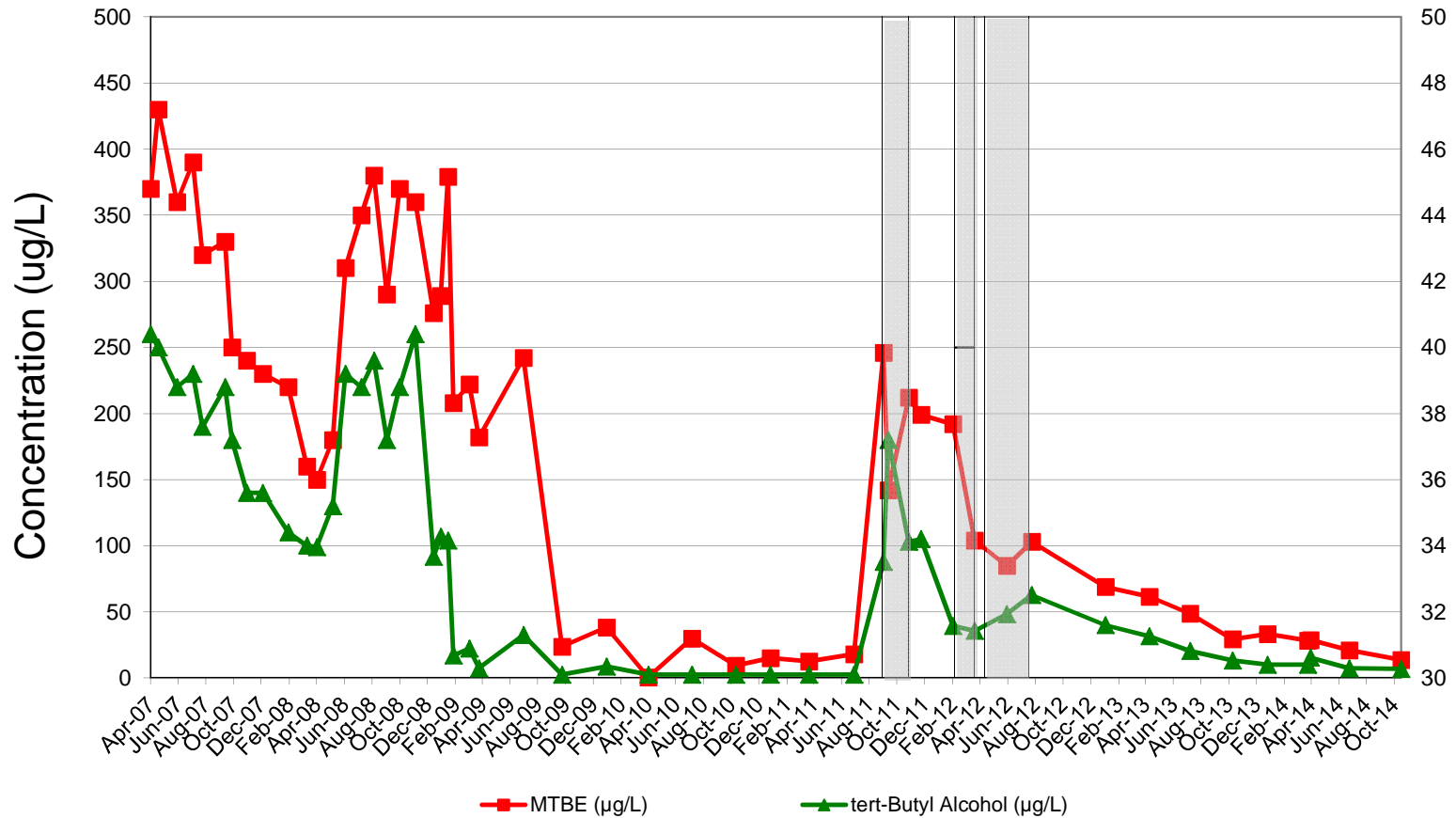
3994-FARM-INF



RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

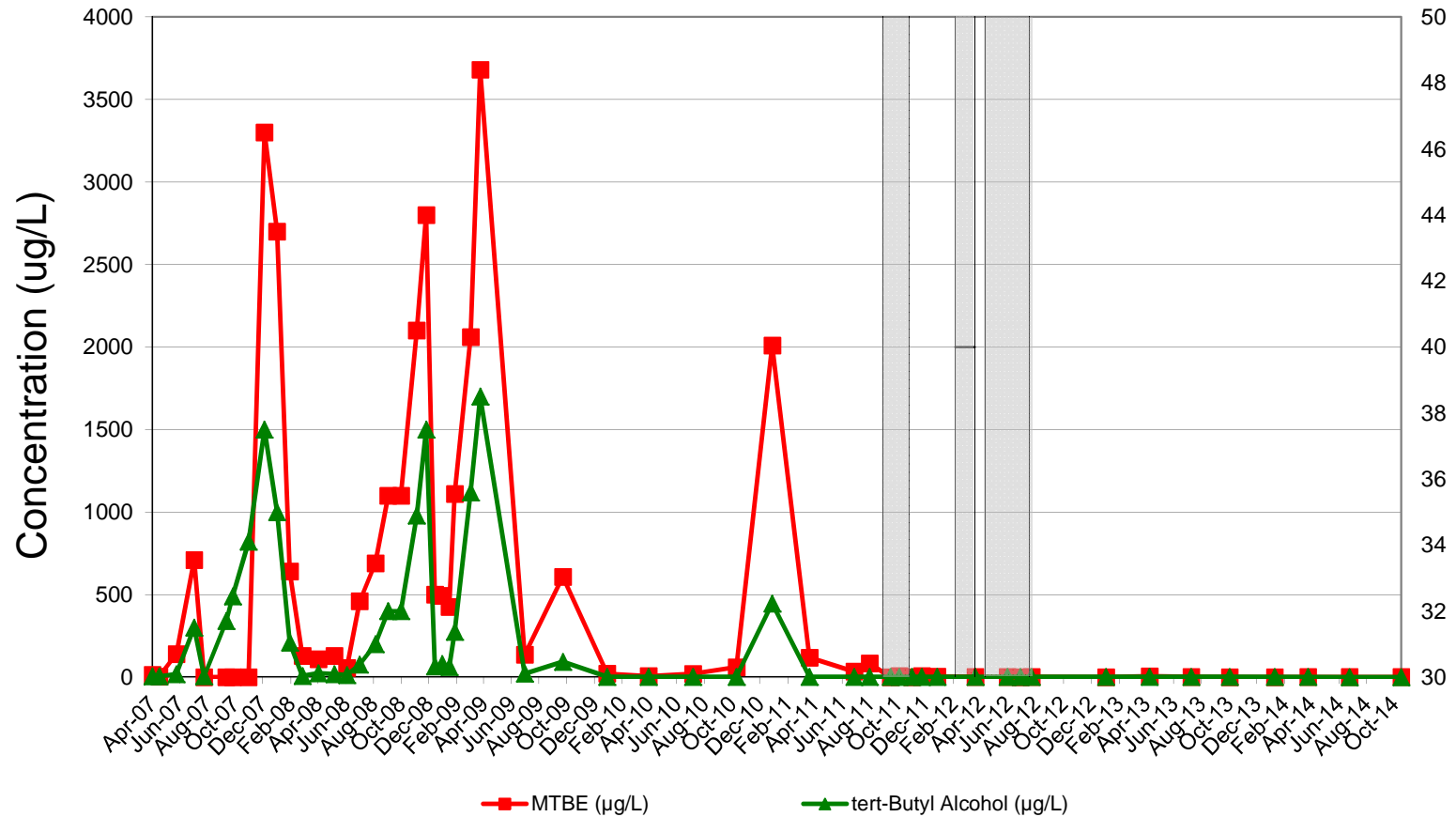
3996-FARM-INF



RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

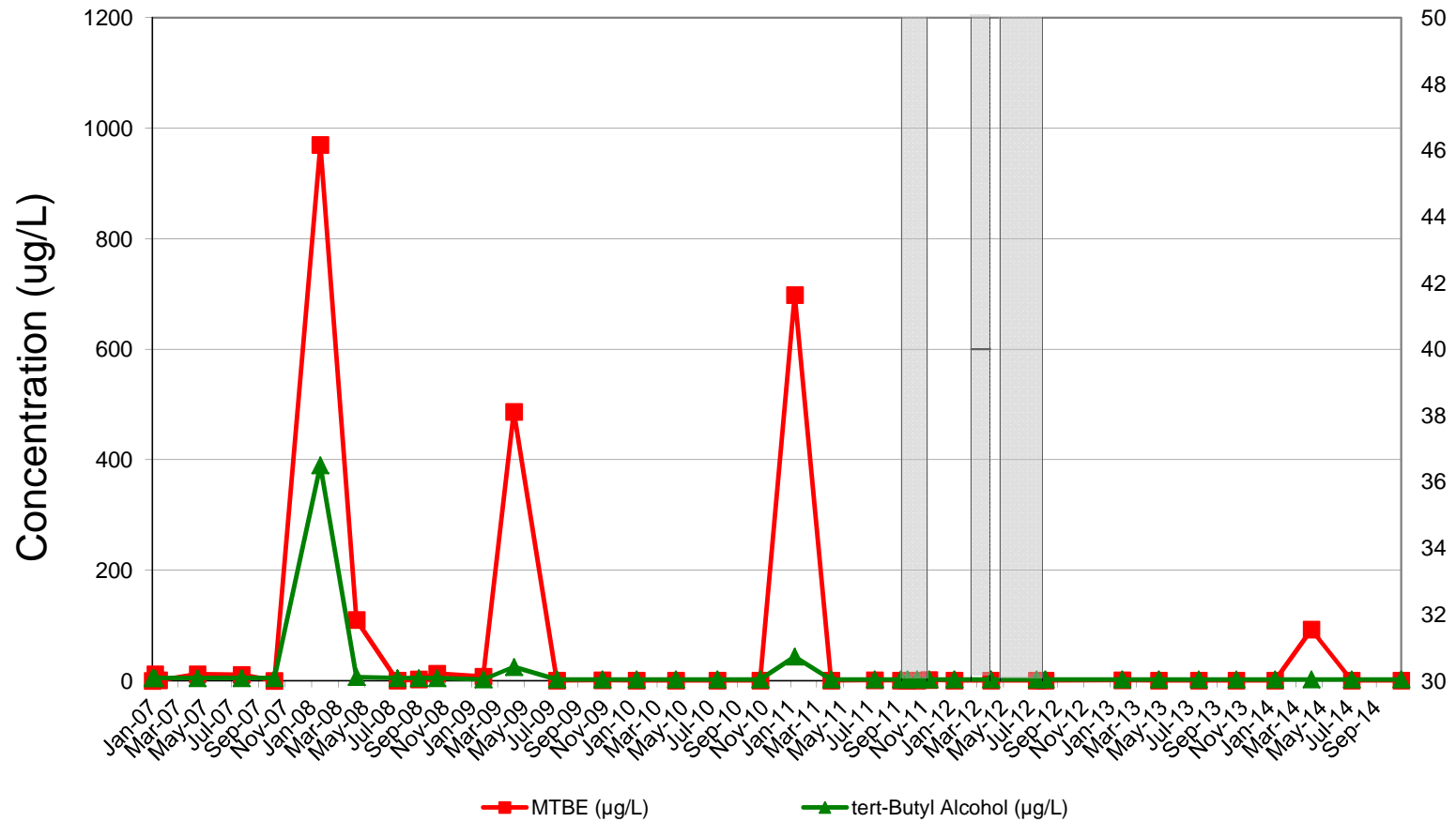
3997-FARM-INF



RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
11791 Fingerboard Rd  
Monrovia, MD

GVP-FR941233





RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

Carroll - Monrovia BP/Former Green Valley Citgo  
 11791 Fingerboard Rd  
 Monrovia, MD

GVP-FR941281

