February 12, 2016

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

RE: **FOURTH QUARTER 2015 MONITORING REPORT**
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 2015 Monitoring Report for the abovementioned facility. In summary, the following activities were conducted for the case during this monitoring period:

- Quarterly monitoring and sampling of monitoring wells and tank field wells was completed from October 26, 2015 to October 29, 2015;
- Sampling and maintenance of the point-of-entry treatment (POET) systems at the GVP and six residences was completed from October 27 to October 30, 2015;
- A carbon change-out was performed for the POET system at 3994 Farm Lane on October 2, 2015;
- A carbon change-out was performed for the POET system at 3990 Farm Lane on November 6, 2015;
- Multiple attempts were made to sample the supply well 3991 Farm Lane, but these attempts were unsuccessful; and
- MW-18S was successfully abandoned on November 10, 2015 with a correspondence letter, *Completion of MW-18S Well Abandonment* dated December 30, 2015, sent to the MDE detailing the abandonment.

Per requirements set for the approved January 31, 2014 *Revised Corrective Action Plan*, GES has completed and attached (as Appendix G) the *Annual Remedial Evaluation* for the site. This annual evaluation focuses on constituents-of-concern (CoC) trends, particularly methyl tert-butyl ether (MTBE), for onsite groundwater monitoring and offsite potable wells. The annual evaluation also considers the effectiveness of the Monitored Natural Attenuation (MNA) program currently implemented for the site. The *Annual Remedial Evaluation* is designed to verify that CoCs (in particular, the MTBE) are continuing to degrade in groundwater and/or determine the need if additional remedial measures are required.

Based on GES's Annual Remedial Evaluation for 2015, it is the position of GES that no further remedial measures other than the continuation of groundwater gauging, sampling and collection of MNA parameters are warranted for the site at this time.

In addition, GES, on behalf of CIFC, makes appeal to the MDE for the following reductions and/or action items related to OCP case #2005-0834-FR:

Location	**Request**	**Justification**
Monitoring wells MW-4,MW-5 and MW-6	Abandon existing, inactive monitoring wells	Due to general site-wide declines in CoC trends including MTBE, it is advisable to abandon monitoring wells that no longer support continued post-remediation data collection.
Monitoring wells MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14S, MW-15D, and MW-16	Cessation of groundwater monitoring gauging and sampling.	Proposed monitoring wells for elimination demonstrate low-level and decreasing CoC trends including MTBE. Select, remaining monitoring wells will provide continued MNA and sentinel well monitoring functions and will adequately represent the areas of potential concern.
3923 Rosewood Lane – POET treated potable well	Cessation of POET maintenance, reduction of influent sampling from quarterly to annual frequency	Current MTBE influent concertation is 0.8 micrograms per liter (µg/L) with decreasing trend. Influent concentration at this residence has tested below 10 µg/L since September 2011 (24 events).
3997 Farm Lane – POET treated potable well	Cessation of POET maintenance, reduction of influent sampling from quarterly to annual frequency	Current MTBE influent concertation at 1.9 µg/L with decreasing trend. Influent concentration at this residence has tested below 10 µg/L since September 2011 (22 events).
3991 Farm Lane – potable well	Cessation of potable sampling attempts and notification	Since, Third Quarter 2015, GES has made numerous attempts via USPS, Fed Ex and hand-delivered (door) mailings to arrange potable sampling at the residence without response.

GES appreciates MDE's consideration of the abovementioned monitoring reductions for the case. If you have any questions or would like additional information please contact the undersigned at 800-220-3606, extension 3705 or 3726, respectively, or Herb Meade at 410-261-5450.

Sincerely,

Lindsay Keeney
Associate Geologist

Peter Reichardt
Project Hydrogeologist

Enclosure

c: Jim Richmond – MDE (3 additional copies & CD)
Herb Meade – CIFC (e-copy)
Barry Glotfelty – Frederick County Health Department
Samir Andrawos – Timbercrest Limited Partnership
Jennifer Andrawos – Timbercrest Limited Partnership
File – GES, MD (PSID# 518825)

MDE Contact:	Mr. Jim Richmond, Maryland Department of the Environment
Consultant Contact:	Peter Reichardt, 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:	October 27, 2015 – Approval for Monitoring Well Abandonment

SCHEDULE OF ROUTINE ACTIVITIES

Groundwater Sampling:	Quarterly – All monitoring wells with exception to MW-4, MW-5, MW-6 and MW-12 which were removed from the current monitoring program with MDE approval granted July 29, 2015.
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)
Monitoring Well Field Data:	-Dissolved Oxygen (DO) -Oxidation Reduction Potential (ORP) -pH -Temperature -Specific Conductivity

Figure 1 presents a Site Map noting the immediate site layout and monitoring wells comprising the study area for the case.

SCHEDULE OF ROUTINE ACTIVITIES (cont.)

Non-Transient, Non-Community Supply Well Sampling

Location	Well Number(s)	Sampling Frequency:
Green Valley Plaza (GVP):	FR-94-1233	Quarterly
	FR-94-1281	Quarterly

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

Note: FR-81-5955, FR-88-1394, FR-88-1366, FR-73-4918, FR-73-6674, FR-73-7687 were removed from the current monitoring program with MDE approval granted July 29, 2015.

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

Location	Well Number(s)	Sampling Frequency:
Green Valley Plaza (GVP):	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 and naphthalene, via EPA Method 524.2.

Residential Potable Well POET System Sampling

Location	Well Number(s)	Sampling Frequency:
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 and naphthalene, via EPA Method 524.2.

Residential Potable Well Sampling

Location	Sampling Frequency:
3740 Blueberry Court	Semiannually
3991*, 3993, 3995 and 3998 Farm Lane:	Semiannually

Laboratory Analyses: Full-suite VOCs, including oxygenates and naphthalene, via EPA Method 524.2.

Residential Potable Well Sampling (cont.)

*Note: 3991 Farm Lane was not sampled this semi-annual period due to lack of response from the current homeowner after multiple attempts by GES. Resident location 3829 Greenridge Road has been removed from the routine sampling schedule at the request of the property owner. The following residential potable well locations were removed from the current monitoring program with MDE approval granted July 29, 2015:

- 3979, 3981, 3983, 3984A, 3984, 3985, 3987, 3989 Farm Lane
- 3833, 3835, 3837 Greenridge Road
- 3737, 3739 Blueberry Court
- 3992, 3994, 3996, 3998 Rye Lane

Figure 2 presents a Local Area Map noting the various onsite and off-site potable and supply wells within the current study area.

FIELD ACTIVITIES

Quarterly Groundwater Sampling Data Summary:

Quarterly Groundwater Sampling Dates:	October 26, 2015 – October 29, 2015
# of Monitoring Wells in study area/# Sampled:	20/15
Groundwater Sampling and Analyses Notes:	MW-2 was not sampled due to an insufficient amount of water. All TF wells and VE-1 were either dry or contained insufficient water to sample. Injection wells are not sampled. The revised routine sampling program outlined in the MDE's response letter, *Site Status and Modifications to Sampling Program* dated July 29, 2015 was implemented during the Third Quarter 2015.
Apparent Groundwater Flow Direction:	Local groundwater flow is mapped to move south to southeast across the site but is interpreted to move regionally toward the south-southwest.

Figure 3 presents an interpretation of groundwater contours based on water elevations observed in overburden/weathered rock screened monitoring wells. **Figure 4** presents the MTBE concentration levels for onsite monitoring and potable wells, and off site potable wells.

Maximum Concentration:

Benzene:	Non-detect
MTBE:	530 µg/L (MW-18S-R) on October 29, 2015
TPH-GRO:	520 µg/L (MW-18S-R) on October 29, 2015

Carbon Change Location Summary:

- 3994 Farm Lane on October 2, 2015
- 3990 Farm Lane on November 6, 2015

REMEDIAL SYSTEM DATA

No remedial activities took place in the fourth quarter of 2015. 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
Fourth Quarter maximum discharge rate:	No air discharge

ATTACHMENTS

LIST OF FIGURES

Figure 1 Site Map
Figure 2 Local Area Map
Figure 3 Groundwater Contour Map, Fourth Quarter 2015
Figure 4 Onsite and Residential POET System MTBE Concentration Map, Fourth Quarter 2015
Figure 5 Dissolved Oxygen Distribution – ISCO System Baseline and Maximum
Figure 6 Dissolved Oxygen Distribution – Fourth Quarter 2013
Figure 7 Dissolved Oxygen Distribution – Fourth Quarter 2015

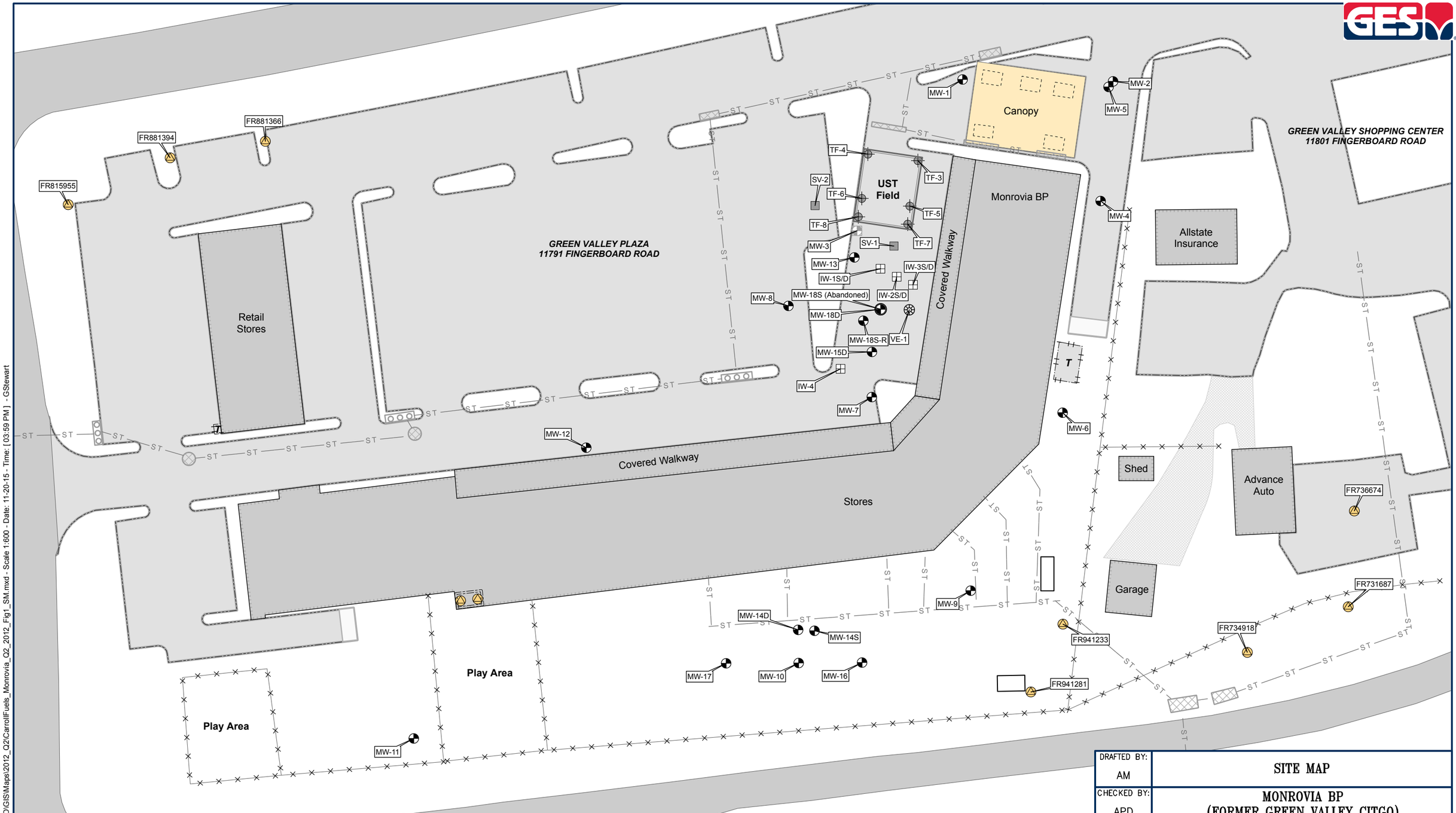
LIST OF TABLES

Table 1 Historical Monitoring Well Analytical Data Summary – VOC & TPH Parameters
Table 2 Historical Monitoring Well Analytical Data Summary – ISCO Parameters
Table 3 Historical Monitoring Well Analytical Data Summary – MNA Parameters
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 Monitoring Well Construction Details

APPENDICES

Appendix A Historical Activities Summary
Appendix B Monitoring Well Sampling Data
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
Appendix F Waste Manifest
Appendix G Annual Remedial Evaluation - 2015

FIGURES



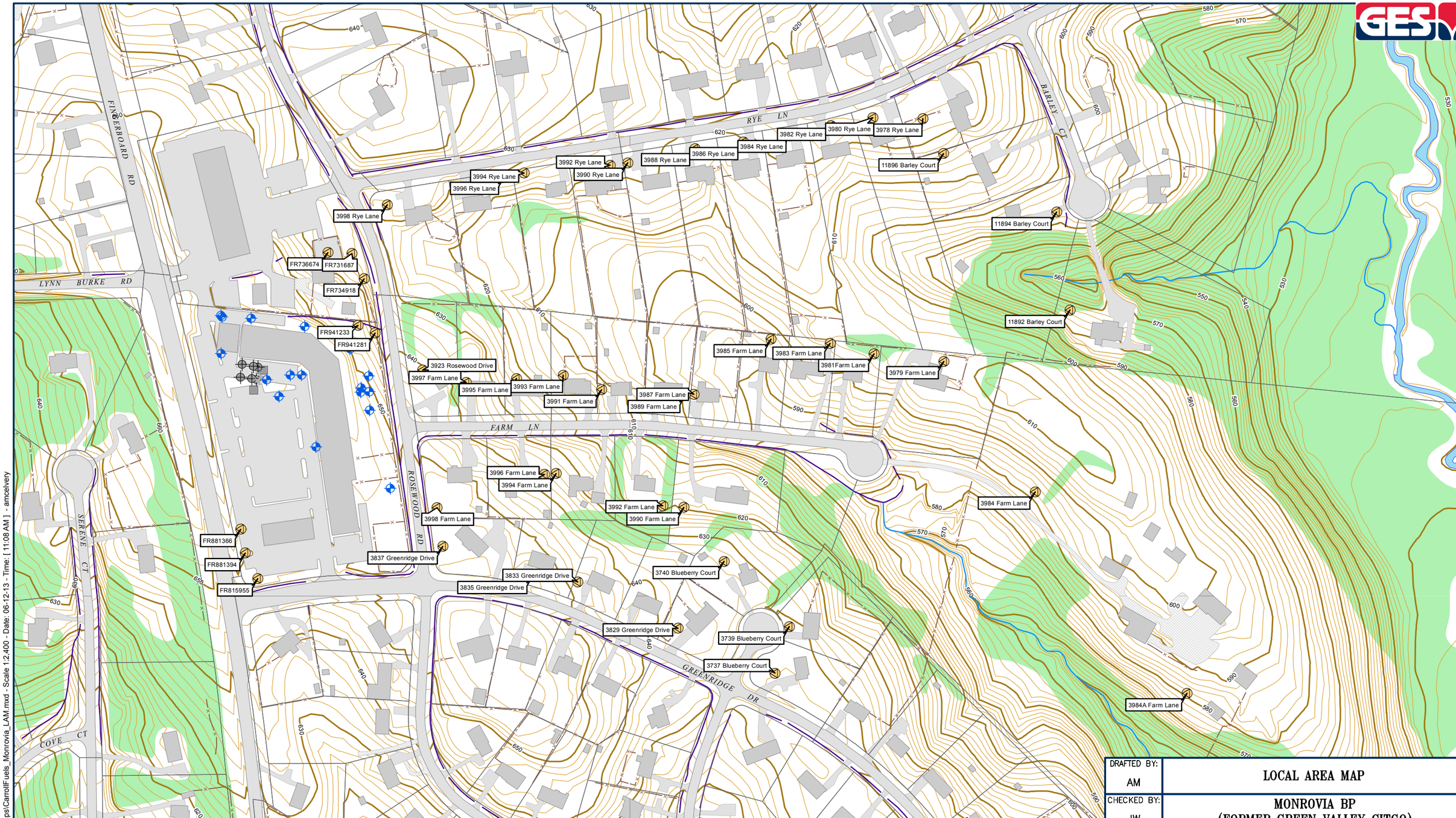
Legend

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

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

DRAFTED BY: AM	SITE MAP
CHECKED BY: APD	MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND
REVIEWED BY: GR	Groundwater & Environmental Services, Inc. 2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114
NORTH	SCALE IN FEET 0 50 / DATE 11-20-15 / FIGURE 1

L:\Projects\CarrollFuels\MonroviaMD\GIS\Maps\2012_Q2\CarrollFuels_Monrovia_Q2_2012_Fig1_SM.mxd - Scale 1:600 - Date: 11-20-15 - Time: [03:59 PM] - GStewart



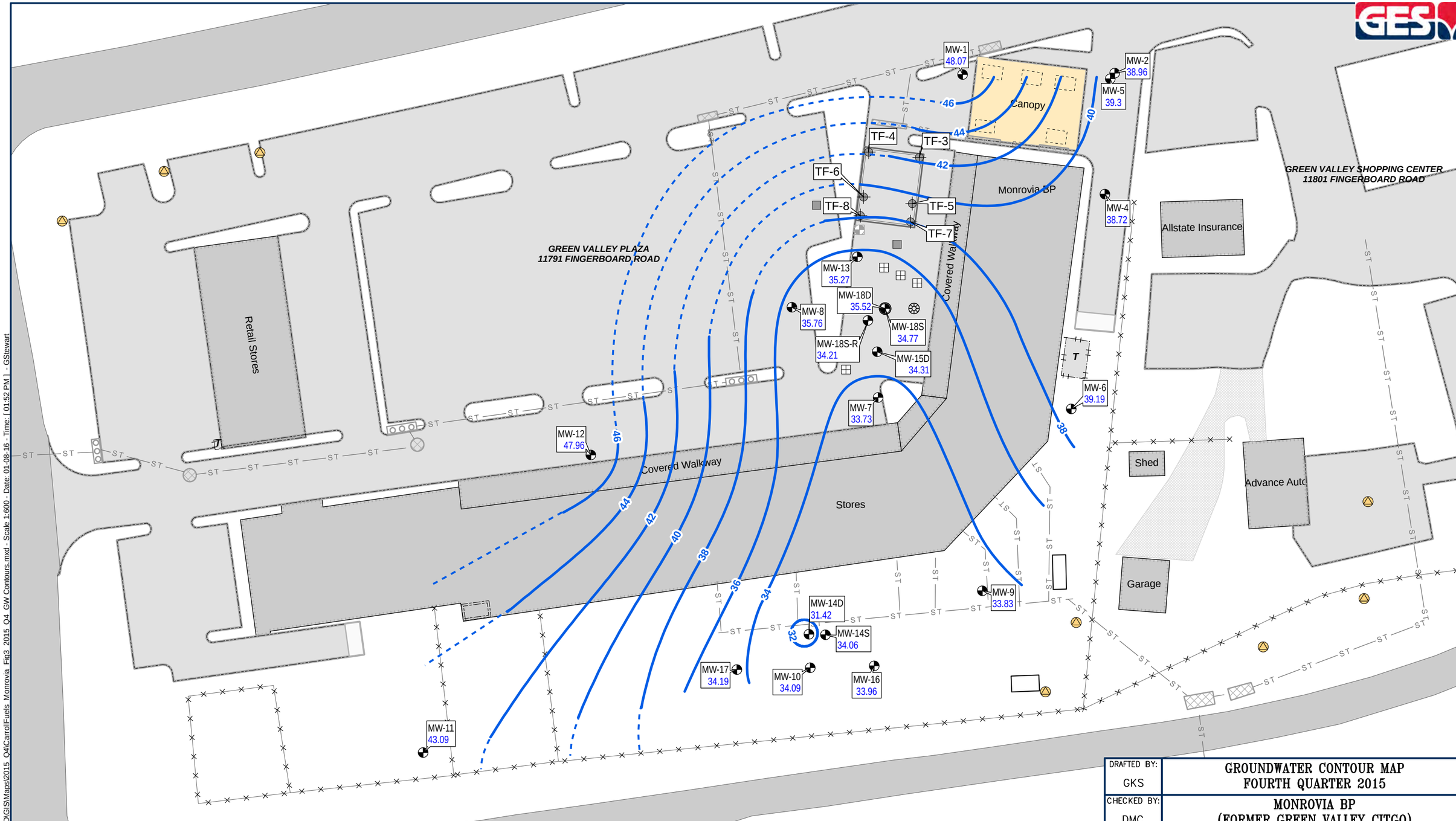
Legend

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

Source:
Frederick County GIS

DRAFTED BY: AM	LOCAL AREA MAP
CHECKED BY: JW	MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND
REVIEWED BY: GR	Groundwater & Environmental Services, Inc. 1350 BLAIR DR, SUITE A, ODENTON MD 21113
NORTH	SCALE IN FEET 0 200 / DATE 6-12-13 / FIGURE 2

P:\CarrollFuels\MonroviaMD\GIS\Maps\CarrollFuels_Monrovia_LAM.mxd - Scale 1:2,400 - Date: 06-12-13 - Time: [11:08 AM] - amcelvery



Legend

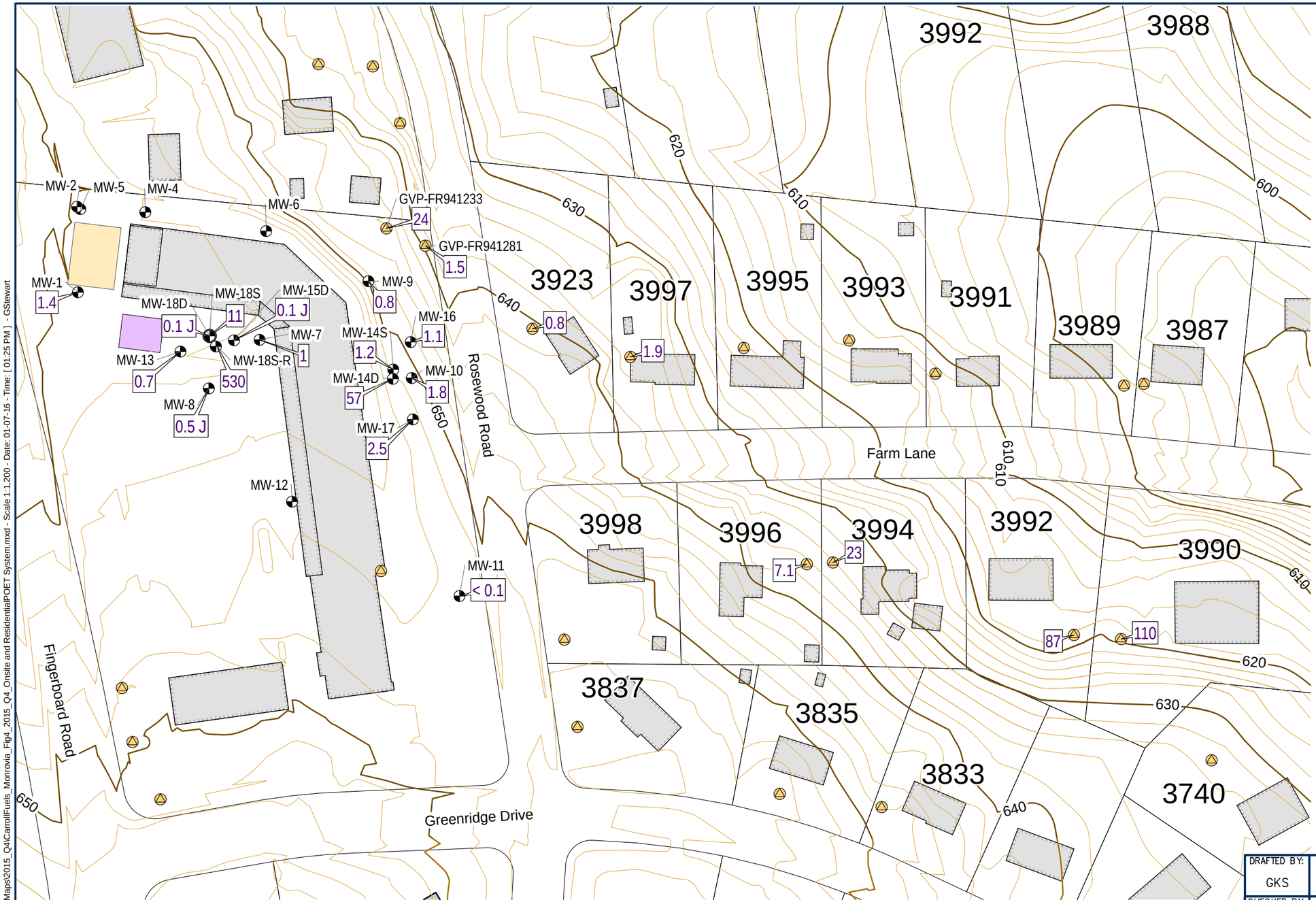
- Abandoned Well
- Monitoring Well
- Potable Well
- Tank Field Well
- Abandoned Soil Vapor Point
- Injection Well
- Nested Obs Well
- Vapor Extraction Well
- Fence
- Storm Sewer
- Curb Catch Basin
- Catch Basin
- Building
- Canopy
- Dispenser
- Tank Field
- Propane AST
- Pump Room
- Transformer
- Dumpster
- 48.58 Groundwater Elevation

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

NOTE:
When a location is gauged multiple times during a quarter, the first event is reported.

DRAFTED BY: GKS	GROUNDWATER CONTOUR MAP FOURTH QUARTER 2015
CHECKED BY: DMC	MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND
REVIEWED BY: LK	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
NORTH	SCALE IN FEET 0 50 / DATE 1-08-16 / FIGURE 3

L:\Projects\CarrollFuels\MonroviaMD\GIS\Maps\2015_Q4\CarrollFuels_Monrovia_Fig3_2015_Q4_GW Contours.mxd - Scale 1:600 - Date: 01-08-16 - Time: [01:52 PM] - GStewart



Legend

- Building
- Canopy
- Tank Field
- Monitoring Well
- Potable Well
- Nested Obs Well
- Index Contour
- Intermediate Contour
- <1.0 MTBE Concentration Value (ug/L)

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

Notes:
All concentrations reported in micrograms per liter (ug/L)
< = Not Detected above laboratory reporting limit
J = Estimated value

DRAFTED BY: GKS	ONSITE AND RESIDENTIAL MTBE CONCENTRATION MAP FOURTH QUARTER 2015
CHECKED BY: DMC	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 0 100 / DATE 1-07-16 / FIGURE 4

L:\Projects\CarrollFuels\MonroviaMD\GIS\Maps\2015_Q4\CarrollFuels_Monrovia_Fig4_2015_Q4_Onsite and ResidentialPOET System.mxd - Scale 1:1,200 - Date: 01-07-16 - Time: [01:25 PM] - GStewart

TABLES

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
IW-1D	12/15/2010	GRAB	98.60	NR	-	-	<2	<2	<2	<4.00	<10	9,520	50.2	<2	100	22,900	-	-
IW-1D	03/10/2011	-	98.60	61.04	73.50	37.56	-	-	-	-	-	-	-	-	-	-	-	-
IW-1D	05/10/2011	-	98.60	52.50	73.50	46.10	-	-	-	-	-	-	-	-	-	-	-	-
IW-1D	07/12/2011	-	98.60	60.27	69.44	38.33	-	-	-	-	-	-	-	-	-	-	-	-
IW-1D	11/18/2011	-	98.60	52.38	72.43	46.22	-	-	-	-	-	-	-	-	-	-	-	-
IW-1D	01/13/2012	-	98.60	57.85	42.45	40.75	-	-	-	-	-	-	-	-	-	-	-	-
IW-1D	10/03/2012	-	98.60	60.88	-	37.72	-	-	-	-	-	-	-	-	-	-	-	-
IW-1D	01/14/2013	-	98.60	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-1D	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	-	-
IW-1S	03/10/2011	-	98.52	61.30	66.30	37.22	-	-	-	-	-	-	-	-	-	-	-	-
IW-1S	05/10/2011	-	98.52	52.56	66.30	45.96	-	-	-	-	-	-	-	-	-	-	-	-
IW-1S	07/12/2011	-	98.52	60.45	62.32	38.07	-	-	-	-	-	-	-	-	-	-	-	-
IW-1S	11/18/2011	GRAB	98.52	NR	-	-	<2	<2	<2	<4	<10	166	<2	<2	<2	1,190	-	-
IW-1S	01/13/2012	-	98.52	57.85	66.32	40.67	-	-	-	-	-	-	-	-	-	-	-	-
IW-1S	10/03/2012	-	98.52	60.70	-	37.82	-	-	-	-	-	-	-	-	-	-	-	-
IW-1S	01/14/2013	-	98.52	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-1S	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	-	-
IW-2D	03/10/2011	-	98.71	61.70	103.93	37.01	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	05/10/2011	-	98.71	51.38	100.50	47.33	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	07/12/2011	-	98.71	57.74	103.91	40.97	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	11/18/2011	GRAB	98.71	NR	-	-	<2	<2	<2	<4	<10	44,300	162	<2	688	83,700	-	-
IW-2D	01/13/2012	-	98.71	52.55	104.05	46.16	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	04/03/2012	-	98.71	57.18	103.286	41.53	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	07/16/2012	-	98.71	55.25	103.90	43.46	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	10/03/2012	-	98.71	58.01	-	40.70	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	01/14/2013	-	98.71	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-2D	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	-	-
IW-2S	03/10/2011	-	98.63	58.40	87.26	40.23	-	-	-	-	-	-	-	-	-	-	-	-
IW-2S	05/10/2011	-	98.63	51.22	91.15	47.41	-	-	-	-	-	-	-	-	-	-	-	-
IW-2S	07/12/2011	-	98.63	59.30	87.24	39.33	-	-	-	-	-	-	-	-	-	-	-	-
IW-2S	11/18/2011	GRAB	98.63	NR	-	-	<2	<2	<2	<4	<10	904	25.7	<2	81.2	1,440	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
IW-2S	01/13/2012	-	98.63	55.15	91.25	43.48	-	-	-	-	-	-	-	-	-	-	-	-
IW-2S	10/03/2012	-	98.63	60.15	-	38.48	-	-	-	-	-	-	-	-	-	-	-	-
IW-2S	01/14/2013	-	98.63	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-2S	04/22/2013	-	98.63	58.63	-	40.00	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	12/15/2010	-	98.62	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	03/10/2011	-	98.62	55.79	130.75	42.83	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	05/10/2011	-	98.62	49.30	130.70	49.32	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	07/12/2011	-	98.62	56.50	130.65	42.12	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	11/18/2011	GRAB	98.62	NR	-	-	<2	<2	<2	<4	<10	986	4.98	<2	17.7	1,990	-	-
IW-3D	01/13/2012	-	98.62	51.90	130.76	46.72	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	04/03/2012	-	98.62	55.20	133.82	43.42	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	07/16/2012	-	98.62	53.20	133.83	45.42	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	10/03/2012	-	98.62	56.05	-	42.57	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	01/14/2013	-	98.62	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-3D	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	-	-
IW-3S	03/10/2011	-	98.51	58.42	123.8	40.09	-	-	-	-	-	-	-	-	-	-	-	-
IW-3S	05/10/2011	-	98.51	49.90	127.74	48.61	-	-	-	-	-	-	-	-	-	-	-	-
IW-3S	07/12/2011	-	98.51	56.71	127.52	41.80	-	-	-	-	-	-	-	-	-	-	-	-
IW-3S	11/18/2011	GRAB	98.51	NR	-	-	<2	<2	<2	<4	<10	8,480	27.9	<2	88.3	9,280	-	-
IW-3S	01/13/2012	-	98.51	52.40	123.85	46.11	-	-	-	-	-	-	-	-	-	-	-	-
IW-3S	04/03/2012	-	98.51	54.90	123.75	43.61	-	-	-	-	-	-	-	-	-	-	-	-
IW-3S	07/16/2012	-	98.51	53.48	127.55	45.03	-	-	-	-	-	-	-	-	-	-	-	-
IW-3S	10/03/2012	-	98.51	56.96	-	41.55	-	-	-	-	-	-	-	-	-	-	-	-
IW-3S	01/14/2013	-	98.51	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IW-3S	04/22/2013	-	98.51	55.30	-	43.21	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	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
MW-1	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
MW-1	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
MW-1	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
MW-1	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
MW-1	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
MW-1	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
MW-1	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

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-1	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
MW-1	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	<1.00	<5.00	<300	60.5
MW-1	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	<1.00	<5.00	<300	<100
MW-1	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	<2.00	<10.0	<300	<100
MW-1	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	<1.00	<5.00	43.2	43.2
MW-1	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	<2.00	<10.0	<300	<100
MW-1	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	<1.00	<5.00	<300	<100
MW-1	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	<1.00	<5.00	<300	<100
MW-1	09/20/2010	NR	99.19	NR	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	2.72	<1.00	<1.00	<1.00	<5.00	<300	<100
MW-1	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
MW-1	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
MW-1	05/10/2011	LF (60)	99.19	41.83	60.51	57.36	<1	<1	<1	<2	<5	1.05	<1	<1	<1	<5	<150	<100
MW-1	07/12/2011	LF (60)	99.19	48.14	60.53	51.05	<1	<1	<1	<2	<5	1.94	<1	<1	<1	<5	169	<100
MW-1	10/18/2011	LF (60)	99.19	42.90	61.50	56.29	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-1	01/12/2012	LF (60)	99.19	45.22	61.5	53.97	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<155	<100
MW-1	02/16/2012	-	99.19	47.63	-	51.56	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	04/03/2012	LF (60)	99.19	46.52	60.48	52.67	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	434	<100
MW-1	07/16/2012	LF (60)	99.19	44.65	60.52	54.54	<2	<2	<2	<4	<10	3.62	<2	<2	<2	<10	<150	<100
MW-1	08/08/2012	LF (60)	99.19	46.50	-	52.69	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	-	-
MW-1	09/05/2012	-	99.19	47.35	-	51.84	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	10/03/2012	-	99.19	49.38	-	49.81	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	10/04/2012	LF (60)	99.19	48.71	-	50.48	<1	<1	<1	<2	<5	1.93	<1	<1	<1	<5	<153	<100
MW-1	01/14/2013	-	99.19	48.40	-	50.79	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	01/15/2013	LF (60)	99.19	48.41	-	50.78	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-1	04/22/2013	-	99.19	47.25	-	51.94	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	04/24/2013	LF (60)	99.19	47.05	-	52.14	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-1	07/22/2013	-	99.19	48.75	-	50.44	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	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	<1.00	<5.00	<152	<100
MW-1	10/21/2013	-	99.19	45.83	-	53.36	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	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	<1.00	<5.00	<150	<100
MW-1	01/09/2014	-	99.19	44.57	-	54.62	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	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	<1.00	<5.00	<152	<100
MW-1	04/14/2014	-	99.19	42.37	-	56.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	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	<1.00	<5.00	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-1	07/28/2014	-	99.19	48.27	-	50.92	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	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	<1.00	<5.00	<152	<100
MW-1	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	<1.00	<5.00	-	<100
MW-1	01/27/2015	LF (60)	99.19	48.24	-	50.95	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<4.0	-	<20
MW-1	04/21/2015	-	99.19	46.80	60.5	52.39	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	04/23/2015	LF (60)	99.19	46.61	-	52.58	<0.1	<0.1	<0.1	<0.1	<0.4	0.7	<0.1	<0.1	<0.1	<4.0	-	<20
MW-1	08/24/2015	-	99.19	50.64	60.4	48.55	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/25/2015	LF (60)	99.19	50.57	-	48.62	<0.1	<0.1	<0.1	<0.1	<0.4	1.3	<0.1	<0.1	<0.1	<4	-	<20
MW-1	10/26/2015	-	99.19	51.12	-	48.07	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	10/27/2015	LF (60)	99.19	51.24	-	47.95	<0.1	<0.1	<0.1	<0.1	<0.4	1.4	<0.1	<0.1	<0.1	<4	-	<20
MW-2	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
MW-2	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
MW-2	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
MW-2	08/08/2007	-	99.47	60.25	-	39.22	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/16/2008	-	99.47	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	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
MW-2	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
MW-2	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
MW-2	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	<1.00	<5.00	<300	11,100
MW-2	04/09/2009	-	99.47	60.21	-	39.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	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	<2.00	<10.0	<300	138
MW-2	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	1.08	<5.00	144	293
MW-2	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	<2.00	<10.0	<300	<100
MW-2	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	<1.00	<5.00	<300	<100
MW-2	07/19/2010	-	99.47	60.09	-	39.38	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	09/20/2010	NR	99.47	NR	-	-	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<2.00	<10.0	-	-
MW-2	12/08/2010	GRAB	99.47	60.18	60.60	39.29	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	-	-
MW-2	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
MW-2	05/10/2011	P&S	99.47	44.20	60.55	55.27	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	209	<100
MW-2	07/12/2011	GRAB	99.47	57.47	60.57	42.00	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	188	<100
MW-2	10/18/2011	P&S	99.47	47.60	60.58	51.87	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	200	<100
MW-2	01/11/2012	P&S	99.47	48.40	60.50	51.07	<2	<2	<2	<4	<10	4.38	<2	<2	<2	<10	405	<100
MW-2	02/16/2012	-	99.47	53.27	-	46.20	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	04/03/2012	GRAB	99.47	52.59	60.58	46.88	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	161	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-2	07/16/2012	GRAB	99.47	58.80	60.52	40.67	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<150	<100
MW-2	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	<1.00	<5.00	-	-
MW-2	09/05/2012	-	99.47	53.33	-	46.14	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	10/03/2012	-	99.47	58.42	-	41.05	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	10/04/2012	P&S	99.47	58.44	60.55	41.03	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-2	01/14/2013	-	99.47	55.88	-	43.59	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/16/2013	P&S	99.47	55.88	60.57	43.59	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<151	<100
MW-2	04/22/2013	-	99.47	53.31	-	46.16	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	04/24/2013	P&S	99.47	53.25	60.56	46.22	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<153	<100
MW-2	07/22/2013	-	99.47	56.96	-	42.51	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	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	<1.00	<5.00	<152	<100
MW-2	10/21/2013	-	99.47	52.00	-	47.47	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	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	<1.00	<5.00	<152	<100
MW-2	01/09/2014	-	99.47	48.30	60.56	51.17	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	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	<1.00	<5.00	<300	<100
MW-2	04/14/2014	-	99.47	44.76	60.56	54.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	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	<1.00	<5.00	268	<100
MW-2	07/28/2014	-	99.47	55.92	-	43.55	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	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	<1.00	<5.00	<300	<100
MW-2	11/17/2014	-	99.47	60.08	-	39.39	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/27/2015	-	99.47	56.62		42.85	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/28/2015	-	99.47	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	-	<20
MW-2	04/21/2015	-	99.47	50.97	60.52	48.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	04/23/2015	-	99.47	51.14	-	48.33	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	-	<20
MW-2	08/24/2015	-	99.47	60.07	60.52	39.40	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	10/26/2015	-	99.47	60.51	60.55	38.96	-	-	-	-	-	-	-	-	-	-	-	-
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
MW-3	09/19/2006	NR	NR	55.93	-	-	66	<35	<40	<40	66	59,000	550	<40	920	41,000	8,100	82,000
MW-3	04/19/2007	NR	NR	51.23	-	-	41	<35	<40	<40	41	66,000	400	<40	570	57,000	940	66,000
MW-3	08/08/2007	NR	NR	57.85	-	-	77	<70	<80	<80	77	47,000	410	<80	450	17,000	-	60,000
MW-3	10/10/2007	-	NR	59.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	01/16/2008	NR	NR	56.41	-	-	77	<70	<80	<80	77	78,000	640	<80	710	39,000	1,900	110,000
MW-3	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	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

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-4	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
MW-4	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
MW-4	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
MW-4	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
MW-4	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
MW-4	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
MW-4	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
MW-4	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
MW-4	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	<1.00	<5.00	<300	45.4
MW-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	<1.00	<5.00	<300	<100
MW-4	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	<2.00	<10.0	<300	<100
MW-4	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	<1.00	<5.00	51.1	83.9
MW-4	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	<2.00	<10.0	<300	<100
MW-4	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	<1.00	<5.00	<300	<100
MW-4	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	<1.00	<5.00	<300	<100
MW-4	12/08/2010	GRAB	97.84	59.12	61.09	38.72	<1	<1	<1	<2	<5	1.31	<1	<1	<1	<5	<300	<100
MW-4	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	<5.00	<150	<100
MW-4	05/10/2011	P&S	97.84	50.40	60.58	47.44	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-4	07/12/2011	P&S	97.84	55.94	60.59	41.90	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-4	10/18/2011	P&S	97.84	52.32	60.60	45.52	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-4	01/11/2012	P&S	97.84	51.83	60.55	46.01	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<153	<100
MW-4	02/16/2012	-	97.84	53.78	-	44.06	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	04/03/2012	GRAB	97.84	54.25	60.61	43.59	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-4	07/16/2012	GRAB	97.84	57.65	60.59	40.19	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<154	<100
MW-4	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	<1.00	<5.00	-	-
MW-4	09/05/2012	-	97.84	54.24	-	43.60	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	10/03/2012	P&S	97.84	56.38	60.57	41.46	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-4	01/14/2013	-	97.84	56.31	-	41.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/16/2013	P&S	97.84	56.32	60.38	41.52	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<151	<100
MW-4	04/22/2013	-	97.84	54.20	-	43.64	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	04/24/2013	P&S	97.84	54.21	60.56	43.63	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<153	<100
MW-4	07/22/2013	-	97.84	56.21	-	41.63	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	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	<1.00	<5.00	<152	<100
MW-4	10/21/2013	-	97.84	56.29	-	41.55	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-4	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	<1.00	<5.00	<150	<100
MW-4	01/09/2014	-	97.84	53.32	60.58	44.52	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	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	<1.00	<5.00	<152	<100
MW-4	04/14/2014	-	97.84	49.90	60.58	47.94	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	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	<1.00	<5.00	<153	<100
MW-4	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	<1.00	<5.00	<150	<100
MW-4	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	<1.00	<5.00	-	<100
MW-4	01/27/2015	-	97.84	57.51	-	40.33	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/28/2015	-	97.84	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4.0	-	<20
MW-4	04/21/2015	-	97.84	53.23	60.56	44.61	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	04/23/2015	GRAB	97.84	53.45	-	44.39	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4.0	-	<20
MW-4	08/24/2015	-	97.84	58.86	60.50	38.98	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	10/26/2015	-	97.84	59.12	-	38.72	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	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
MW-5	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
MW-5	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	<1.00	<5.00	92	122
MW-5	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	<1.00	<5.00	<300	<100
MW-5	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	<2.00	<10.0	<300	<100
MW-5	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	<1.00	<5.00	25.7	63.9
MW-5	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	<2.00	<10.0	<300	<100
MW-5	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	<1.00	<5.00	<300	<100
MW-5	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	<1.00	<5.00	<300	<100
MW-5	12/08/2010	GRAB	99.60	63.31	70.65	36.29	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<300	<100
MW-5	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	<5.00	<150	<100
MW-5	05/10/2011	LF (68)	99.60	44.17	70.60	55.43	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-5	07/12/2011	LF (68)	99.60	57.82	70.61	41.78	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<167	<100
MW-5	10/18/2011	LF (68)	99.60	48.00	78.60	51.60	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-5	01/12/2012	LF (68)	99.60	48.88	70.0	50.72	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<155	<100
MW-5	02/16/2012	-	99.60	53.70	-	45.90	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	04/03/2012	LF (68)	99.60	53.07	70.76	46.53	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<157	<100
MW-5	07/16/2012	LF (68)	99.60	50.33	72.52	49.27	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<150	<100
MW-5	08/08/2012	LF (68)	99.60	51.83	-	47.77	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	-	-
MW-5	09/05/2012	-	99.60	53.72	-	45.88	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	10/03/2012	-	99.60	58.70	-	40.90	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-5	10/04/2012	LF (68)	99.60	58.64	-	40.96	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-5	01/14/2013	-	99.60	56.29	-	43.31	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/15/2013	LF (68)	99.60	56.34	-	43.26	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-5	04/22/2013	-	99.60	53.75	-	45.85	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	04/24/2013	LF (68)	99.60	53.65	-	45.95	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<153	<100
MW-5	07/22/2013	-	99.60	57.32	-	42.28	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	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	<1.00	<5.00	<152	<100
MW-5	10/21/2013	-	99.60	52.51	-	47.09	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	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	<1.00	<5.00	<153	<100
MW-5	01/09/2014	-	99.60	48.73	-	50.87	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	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	<1.00	<5.00	<152	<100
MW-5	04/14/2014	-	99.60	44.87	-	54.73	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	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	<1.00	<5.00	<153	<100
MW-5	07/28/2014	-	99.60	56.33	-	43.27	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	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	<1.00	<5.00	<153	<100
MW-5	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	<1.00	<5.00	-	<100
MW-5	01/27/2015	-	99.60	56.94	-	42.66	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/29/2015	LF (68)	99.60	56.59	-	43.01	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	-	<20
MW-5	04/21/2015	-	99.60	51.48	-	48.12	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	-	<20
MW-5	08/24/2015	-	99.60	61.29	70.5	38.31	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	10/26/2015	-	99.60	60.30	-	39.30	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	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
MW-6	10/21/2008	-	98.09	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/30/2009	-	98.09	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	04/09/2009	-	98.09	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	07/23/2009	-	98.09	58.85	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	10/01/2009	-	98.09	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	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	<2.00	<10.0	<300	<100
MW-6	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	<1.00	<5.00	<300	<100
MW-6	07/19/2010	-	98.09	58.85	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/08/2010	GRAB	98.09	58.95	59.45	39.14	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	-	<100
MW-6	03/09/2011	-	98.09	59.14	59.40	38.95	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/10/2011	P&S	98.09	54.15	70.60	43.94	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-6	07/12/2011	-	98.09	DRY	59.47	-	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-6	10/18/2011	P&S	98.09	55.51	59.45	42.58	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-6	01/11/2012	GRAB	98.09	55.85	59.35	42.24	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<150	<100
MW-6	02/16/2012	-	98.09	58.85	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	04/03/2012	-	98.09	58.94	59.48	39.15	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	07/16/2012	GRAB	98.09	58.51	59.40	39.58	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	-	<100
MW-6	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	<1.00	<5.00	-	-
MW-6	09/05/2012	-	98.09	58.92	-	39.17	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	10/03/2012	GRAB	98.09	58.95	59.40	39.14	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	-	-
MW-6	01/14/2013	-	98.09	58.97	-	39.12	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/18/2013	GRAB	98.09	58.96	59.50	39.13	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	-	-
MW-6	04/22/2013	-	98.09	58.89	-	39.20	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	04/25/2013	-	98.09	58.89	59.45	39.20	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	07/22/2013	-	98.09	59.31	-	38.78	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	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	<1.00	<5.00	<150	<100
MW-6	04/14/2014	-	98.09	54.06	59.45	44.03	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	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	<1.00	<5.00	<600	<100
MW-6	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	<1.00	<5.00	-	<100
MW-6	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	<1.00	<5.00	-	<100
MW-6	01/27/2015	-	98.09	59.14	-	38.95	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	04/21/2015	-	98.09	57.93	59.45	40.16	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	04/23/2015	GRAB	98.09	58.11	-	39.98	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4.0	-	<20
MW-6	08/24/2015	-	98.09	58.85	59.4	39.24	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	10/26/2015	-	98.09	58.90	-	39.19	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	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
MW-7	10/21/2008	-	97.66	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	01/30/2009	-	97.66	62.99	-	34.67	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	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	490	22,400	<300	<100
MW-7	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	636	29,600	<300	1,380
MW-7	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	191	8,490	57.4	1,200
MW-7	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	414	24,000	<300	234
MW-7	04/16/2010	NR	97.66	53.54	-	44.12	<2.00	<2.00	<2.00	<4.00	<10.00	14,700	181	3	308	8,440	<300	1,080
MW-7	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	344	10,300	<300	1,010
MW-7	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
MW-7	11/30/2010	-	97.66	64.22	-	33.44	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-7	12/01/2010	-	97.66	64.22	-	33.44	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	12/08/2010	-	97.66	64.18	-	33.48	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	03/09/2011	-	97.66	61.68	81.06	35.98	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	03/10/2011	LF (69)	97.66	60.99	81.06	36.67	<2.00	<2.00	<2.00	< 4.00	<	5,530	118	<2.00	158	5,560	<150	855
MW-7	05/10/2011	-	97.66	52.33	81.06	45.33	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	05/11/2011	LF (69)	97.66	52.40	81.06	45.26	<2	<2	<2	<4	<10	5,690	49.3	<2	73.3	1,070	<150	974
MW-7	07/12/2011	-	97.66	60.32	80.71	37.34	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	07/13/2011	LF (69)	97.66	60.38	80.71	37.28	<2	<2	<2	<4	<10	2,530	57	<2	73.9	1,280	<150	951
MW-7	09/14/2011	-	97.66	52.93	-	44.73	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	09/27/2011	LF (69)	97.66	53.59	-	44.07	<2	<2	<2	<4	<10	1,850	34.6	<2	44.5	469	<150	814
MW-7	10/18/2011	LF (69)	97.66	53.85	80.00	43.81	<2	<2	<2	<4	<10	3,540	75.3	<2	70.2	334	<158	441
MW-7	11/16/2011	LF (69)	97.66	55.14	-	42.52	<2	<2	<2	<4	<10	3,700	120	<2	73.4	661	<150	809
MW-7	12/08/2011	-	97.66	53.38	-	44.28	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	01/11/2012	LF (69)	97.66	54.76	80.00	42.90	<2	<2	<2	<4	<10	2,400	67.6	<2	91.3	929	<159	660
MW-7	02/16/2012	-	97.66	57.81	-	39.85	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	02/21/2012	-	97.66	58.23	-	39.43	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	02/28/2012	-	97.66	58.90	-	38.76	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	03/05/2012	-	97.66	58.77	-	38.89	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	03/28/2012	-	97.66	58.62	-	39.04	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	04/03/2012	LF (69)	97.66	58.90	79.80	38.76	<2	<2	<2	<4	<10	6,400	104	<2	119	1,250	181	280
MW-7	04/26/2012	-	97.66	60.07	-	37.59	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	05/07/2012	-	97.66	60.88	-	36.78	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	05/21/2012	-	97.66	61.40	-	36.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	05/24/2012	-	97.66	61.43	-	36.23	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	06/04/2012	-	97.66	57.95	-	39.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	06/13/2012	LF (69)	97.66	56.92	79.55	40.74	<2	<2	<2	<4	<10	467 QK	42.7	<2	2.44	<10	<154	111
MW-7	06/18/2012	-	97.66	57.00	-	40.66	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	07/06/2012	-	97.66	58.04	-	39.62	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	07/11/2012	-	97.66	56.92	79.68	40.74	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	07/16/2012	-	97.66	56.66	79.55	41.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	07/17/2012	LF (69)	97.66	56.71	82.15	40.95	<2	<2	<2	<4	<10	54.1	31.1	<2	<2	<10	<156	<100
MW-7	08/09/2012	LF (69)	97.66	57.12	-	40.54	<2	<2	<2	<4	<10	17.6	36.7	<2	<2	<10	-	-
MW-7	09/05/2012	-	97.66	57.93	-	39.73	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	10/03/2012	-	97.66	60.42	-	37.24	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-7	10/08/2012	LF (69)	97.66	60.35	-	37.31	<1	<1	<1	<2	<5	23.9	10.7	<1	<1	<5	<150	<100
MW-7	01/14/2013	-	97.66	60.72	-	36.94	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	01/17/2013	LF (69)	97.66	60.72	-	36.94	<1	<1	<1	<2	<5	12.1	12.4	<1	<1	<5	<150	<100
MW-7	04/22/2013	-	97.66	58.38	-	39.28	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	04/25/2013	LF (69)	97.66	58.53	-	39.13	<1	<1	<1	<2	<5	24.7	10.3	<1	<1	<5	<153	<100
MW-7	07/22/2013	-	97.66	60.22	-	37.44	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	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	<1.00	<5.00	<152	<100
MW-7	10/21/2013	-	97.66	59.33	-	38.33	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	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	<1.00	<5.00	<156	<100
MW-7	01/09/2014	-	97.66	56.38	-	41.28	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	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	<1.00	<5.00	<152	<100
MW-7	04/14/2014	-	97.66	50.90	-	46.76	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	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	<1.00	<5.00	<152	<100
MW-7	07/28/2014	-	97.66	59.61	-	38.05	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	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	<1.00	<5.00	<153	<100
MW-7	11/17/2014	-	97.66	64.94	-	32.72	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	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	<1.00	<5.00	-	<100
MW-7	02/12/2015	LF (69)	97.66	59.86	-	37.80	<0.1	<0.1	<0.1	<0.1	<0.4	1.9	3.5	<0.1	<0.1	<4.0	-	<20
MW-7	04/21/2015	-	97.66	56.61	-	41.05	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	04/22/2015	LF (69)	97.66	56.62	-	41.04	<0.1	<0.1	<0.1	<0.1	<0.4	4.4	3	<0.1	<0.1	<4.0	-	<20
MW-7	08/24/2015	-	97.66	61.95	79.6	35.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	08/26/2015	LF (69)	97.66	62.08	-	35.58	<0.1	<0.1	<0.1	<0.1	<0.4	1.9	1.9	<0.1	<0.1	<4	-	<20
MW-7	10/26/2015	LF (69)	97.66	63.93	-	33.73	<0.1	<0.1	<0.1	<0.1	<0.4	1	1.7	<0.1	<0.1	<4	-	<20
MW-7 (DUP)	08/09/2012	-	-	-	-	-	<2	<2	<2	<4	<10	25	35	<2	<2	<10	-	-
MW-7 (DUP)	07/25/2013	-	-	-	-	-	<2.00	<2.00	<2.00	<4.00	<10.00	11.6	12.5	<2.00	<2.00	<10.0	-	-
MW-8	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
MW-8	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
MW-8	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	<1.00	<5.00	140	57.7
MW-8	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	<1.00	<5.00	<300	<100
MW-8	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	<2.00	<10.0	<300	80.2
MW-8	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	<1.00	9.84	43.1	255
MW-8	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	<2.00	51.1	<300	<100
MW-8	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	<2.00	<10.0	<300	101
MW-8	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	78.1	<50.0	422	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-8	11/23/2010	P&S	97.93	61.94	68.50	35.99	<1	<1	<1	<2	<5	7.98	4.73	<1	<1	<5	<273	<100
MW-8	12/08/2010	-	97.93	62.22	-	35.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	03/09/2011	-	97.93	59.56	69.40	38.37	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	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
MW-8	05/10/2011	-	97.93	49.97	69.40	47.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	05/11/2011	LF (66)	97.93	50.08	-	47.85	<1	<1	<1	<2	<5	<1	5.63	<1	<1	<5	<150	<100
MW-8	07/12/2011	LF (66)	97.93	57.57	69.44	40.36	<1	<1	<1	<2	<5	1.34	4.18	<1	<1	<5	<152	<100
MW-8	07/13/2011	-	97.93	57.57	-	40.36	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	09/14/2011	-	97.93	48.10	-	49.83	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	09/27/2011	LF (66)	97.93	51.38	-	46.55	<1	<1	<1	<2	<5	15.4	2.8	<1	<1	<5	-	<100
MW-8	10/18/2011	LF (66)	97.93	50.62	70.00	47.31	<1	<1	<1	<2	<5	<1	3.77	<1	<1	<5	<161	<100
MW-8	11/16/2011	LF (66)	97.93	53.08	-	44.85	<1	<1	<1	<2	<5	3.48	4.28	<1	<1	<5	<150	<100
MW-8	12/08/2011	-	97.93	51.01	-	46.92	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	01/11/2012	LF (66)	97.93	52.89	70.00	45.04	<1	<1	<1	<2	<5	2.44	4.39	<1	<1	<5	<156	<100
MW-8	02/16/2012	-	97.93	56.43	-	41.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	02/28/2012	-	97.93	57.57	-	40.36	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	03/28/2012	-	97.93	56.91	-	41.02	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	04/03/2012	LF (66)	97.93	57.06	69.40	40.87	<1	<1	<1	<2	<5	1.23	1.6	<1	<1	<5	<156	<100
MW-8	04/26/2012	-	97.93	58.51	-	39.42	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	05/07/2012	-	97.93	59.41	-	38.52	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	05/21/2012	-	97.93	59.11	-	38.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	05/24/2012	-	97.93	58.86	-	39.07	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	06/04/2012	-	97.93	52.43	-	45.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	06/13/2012	LF (66)	97.93	54.13	69.40	43.80	<1	<1	<1	<2	<5	4.37	7.74	<1	<1	<5	<158	<100
MW-8	06/18/2012	-	97.93	54.67	-	43.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	07/06/2012	-	97.93	55.38	-	42.55	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	07/16/2012	-	97.93	53.60	69.42	44.33	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	07/17/2012	LF (66)	97.93	53.81	70.85	44.12	<2	<2	<2	<4	<10	<2	9.5	<2	<2	<10	<150	<100
MW-8	08/08/2012	LF (66)	97.93	45.85	-	52.08	<2	<2	<2	<4	<10	<2	6.62	<2	<2	<10	-	-
MW-8	09/05/2012	-	97.93	56.09	-	41.84	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	10/03/2012	-	97.93	59.03	-	38.90	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	10/08/2012	LF (66)	97.93	58.55	-	39.38	<1	<1	<1	<2	<5	1.12	<1	<1	<1	<5	<150	<100
MW-8	01/14/2013	-	97.93	59.40	-	38.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	01/15/2013	LF (66)	97.93	59.35	-	38.58	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-8	04/22/2013	-	97.93	56.80	-	41.13	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	04/24/2013	LF (66)	97.93	56.81	-	41.12	<1	<1	<1	<2	<5	<1	1.35	<1	<1	<5	<154	<100
MW-8	07/22/2013	-	97.93	58.95	-	38.98	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	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	<1.00	<5.00	<153	<100
MW-8	10/21/2013	-	97.93	55.89	-	42.04	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	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	<1.00	<5.00	<152	<100
MW-8	01/09/2014	-	97.93	53.98	-	43.95	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	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	<1.00	<5.00	<153	<100
MW-8	04/14/2014	-	97.93	49.23	-	48.70	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	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	<1.00	<5.00	<152	<100
MW-8	07/28/2014	-	97.93	57.88	-	40.05	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	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	<1.00	<5.00	<154	<100
MW-8	11/17/2014	-	97.93	63.58	-	34.35	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	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	<1.00	<5.00	-	<100
MW-8	01/27/2015	-	97.93	58.94	-	38.99	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	01/28/2015	LF (66)	97.93	58.94	-	38.99	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<0.1	<0.1	<0.1	<4.0	-	<20
MW-8	04/21/2015	-	97.93	54.88	-	43.05	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	04/23/2015	LF (66)	97.93	54.84	-	43.09	<0.1	<0.1	<0.1	<0.1	<0.4	1.4	0.4 J	<0.1	<0.1	<4.0	-	<20
MW-8	08/24/2015	-	97.93	60.56	69.5	37.37	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	08/25/2015	LF (66)	97.93	60.56	-	37.37	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	0.2 J	<0.1	<0.1	<4	-	<20
MW-8	10/26/2015	-	97.93	62.17	-	35.76	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	10/27/2015	LF (66)	97.93	62.2	-	35.73	<0.1	<0.1	<0.1	<0.1	<0.4	0.5 J	<0.1	<0.1	<0.1	<4	-	<20
MW-9	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	<1.00	<5.00	<300	<100
MW-9	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	<2.00	<10.0	<300	<100
MW-9	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	<1.00	23.7	36.8	102
MW-9	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	<2.00	<10.0	<300	<100
MW-9	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	<1.00	<5.00	<300	<100
MW-9	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	<1.00	<5.00	<300	<100
MW-9	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
MW-9	03/09/2011	-	88.48	51.83	77.65	36.65	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	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	<5.00	<158	<100
MW-9	05/10/2011	-	88.48	43.48	77.65	45.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	05/12/2011	LF (66)	88.48	43.03	-	45.45	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-9	07/12/2011	-	88.48	50.84	77.62	37.64	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-9	07/14/2011	LF (66)	88.48	51.02	77.62	37.46	<1	<1	<1	<2	<5	1.52	<1	<1	<1	<5	<155	<100
MW-9	10/19/2011	LF (66)	88.48	44.19	78.00	44.29	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<160	<100
MW-9	01/11/2012	LF (66)	88.48	44.68	78.00	43.80	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<167	<100
MW-9	02/16/2012	-	88.48	47.74	-	40.74	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	04/03/2012	-	88.48	48.95	-	39.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	04/05/2012	LF (66)	88.48	48.91	77.61	39.57	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-9	07/16/2012	-	88.48	47.34	80.19	41.14	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	07/17/2012	LF (66)	88.48	47.10	78.35	41.38	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<152	<100
MW-9	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	<1.00	<5.00	-	-
MW-9	09/05/2012	-	88.48	47.90	-	40.58	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	10/03/2012	LF (66)	88.48	50.61	-	37.87	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-9	01/14/2013	-	88.48	50.79	-	37.69	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	01/16/2013	LF (66)	88.48	50.81	-	37.67	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-9	04/22/2013	-	88.48	48.73	-	39.75	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	04/23/2013	LF (66)	88.48	48.85	-	39.63	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-9	07/22/2013	LF (66)	88.48	50.33	-	38.15	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-9	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	<1.00	<5.00	<150	<100
MW-9	01/09/2014	-	88.48	46.78	-	41.70	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	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	<1.00	<5.00	<152	<100
MW-9	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	<1.00	<5.00	<152	<100
MW-9	07/28/2014	-	88.48	49.83	-	38.65	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	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	<1.00	<5.00	<153	<100
MW-9	11/17/2014	-	88.48	55.54	-	32.94	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	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	<1.00	<5.00	-	<100
MW-9	01/27/2015	-	88.48	50.77	-	37.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	01/30/2015	LF (66)	88.48	50.51	-	37.97	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.1	<0.1	<0.1	<4.0	-	<20
MW-9	04/21/2015	-	88.48	47.05	-	41.43	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.1	<0.1	<0.1	<4.0	-	<20
MW-9	08/24/2015	LF (66)	88.48	52.35	77.6	36.13	<0.1	<0.1	<0.1	<0.1	<0.4	0.7	<0.1	<0.1	<0.1	<4	-	<20
MW-9	10/26/2015	-	88.48	54.65	-	33.83	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	10/27/2015	LF (66)	88.48	54.73	-	33.75	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<0.1	<0.1	<0.1	<4	-	<20
MW-10	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	68.6	798	<300	502
MW-10	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	2.88	<10.0	<300	74.2
MW-10	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	4.54	93.9	65.9	357
MW-10	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	<2.00	<10.0	<300	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-10	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	<1.00	<5.00	<300	<100
MW-10	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	2.01	8.72	<300	128
MW-10	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
MW-10	12/08/2010	-	91.64	57.72	-	33.92	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	03/09/2011	-	91.64	55.38	79.95	36.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	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
MW-10	05/10/2011	-	91.64	45.79	79.95	45.85	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	05/12/2011	LF (68)	91.64	45.90	-	45.74	<1	<1	<1	<2	<5	265	7.86	<1	4.65	32.4	<150	289
MW-10	07/12/2011	-	91.64	53.68	79.90	37.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	07/14/2011	LF (68)	91.64	53.84	79.90	37.80	<1	<1	<1	<2	<5	1,540	13.6	<1	26.1	467	<156	644
MW-10	09/15/2011	-	91.64	47.11	-	44.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	09/27/2011	LF (68)	91.64	46.81	-	44.83	<2	<2	<2	<4	<10	1,650	25.7	<2	33.4	228	-	644
MW-10	10/19/2011	LF (68)	91.64	47.08	-	44.56	<1	<1	<1	<2	<5	437	11.6	<1	7.26	<5	<150	282
MW-10	11/15/2011	LF (68)	91.64	48.09	-	43.55	<2	<2	<2	<4	<10	97	3.28	<2	<2	<10	<150	<100
MW-10	12/08/2011	-	91.64	46.27	-	45.37	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	01/11/2012	LF (68)	91.64	47.76	80.00	43.88	<2	<2	<2	<4	<10	7.18	<2	<2	<2	<10	<157	<100
MW-10	02/16/2012	-	91.64	50.80	-	40.84	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	02/28/2012	-	91.64	52.01	-	39.63	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	03/28/2012	-	91.64	51.78	-	39.86	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	04/03/2012	-	91.64	51.96	-	39.68	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	04/04/2012	LF (68)	91.64	52.84	80.11	38.80	<1	<1	<1	<2	<5	7.44	3.56	<1	<1	<5	<150	<100
MW-10	04/26/2012	-	91.64	53.28	-	38.36	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	05/07/2012	-	91.64	54.06	-	37.58	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	05/21/2012	-	91.64	54.88	-	36.76	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	06/04/2012	-	91.64	52.30	-	39.34	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	06/13/2012	-	91.64	50.27	70.58	41.37	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	06/14/2012	LF (68)	91.64	50.30	-	41.34	<1	<1	<1	<2	<5	58.6	4.45	<1	1.02	<5	<156	<100
MW-10	06/18/2012	-	91.64	50.25	-	41.39	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	07/06/2012	-	91.64	51.41	-	40.23	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	07/16/2012	LF (68)	91.64	50.05	79.95	41.59	<2	<2	<2	<4	<10	153	10	<2	<2	<10	<154	<100
MW-10	08/07/2012	LF (68)	91.64	50.02	-	41.62	<1	<1	<1	<2	<5	6.64	3.67	<1	<1	<5	-	-
MW-10	09/05/2012	-	91.64	50.93	-	40.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	10/03/2012	LF (68)	91.64	53.64	70.57	38.00	<1	<1	<1	<2	<5	17.7	2.55	<1	<1	<5	<150	<100
MW-10	01/14/2013	LF (68)	91.64	53.78	80.00	37.86	<1	<1	<1	<2	<5	11.1	2.14	<1	<1	<5	<154	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-10	04/22/2013	-	91.64	51.55	-	40.09	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	04/23/2013	LF (68)	91.64	51.61	-	40.03	<1	<1	<1	<2	<5	10.2	<1	<1	<1	<5	<152	<100
MW-10	07/22/2013	LF (68)	91.64	53.32	-	38.32	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-10	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	<1.00	<5.00	<154	<100
MW-10	01/09/2014	-	91.64	49.60	-	42.04	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	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	<1.00	<5.00	<153	<100
MW-10	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	<1.00	<5.00	<152	<100
MW-10	07/28/2014	-	91.64	52.78	-	38.86	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	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	<1.00	<5.00	<152	<100
MW-10	11/17/2014	-	91.64	56.68	-	34.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	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	<1.00	<5.00	-	<100
MW-10	01/27/2015	-	91.64	53.87	-	37.77	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	01/30/2015	LF (68)	91.64	53.66	-	37.98	<0.1	<0.1	<0.1	<0.1	<0.4	1.8	0.6	<0.1	<0.1	<4.0	-	<20
MW-10	04/21/2015	-	91.64	49.72	-	41.92	<0.1	<0.1	<0.1	<0.1	<0.4	1.1	0.2 J	<0.1	<0.1	<4.0	-	<20
MW-10	08/24/2015	-	91.64	55.32	-	36.32	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	08/26/2015	LF (68)	91.64	55.45	-	36.19	<0.1	<0.1	<0.1	<0.1	<0.4	1.6	0.5	<0.1	<0.1	<4	-	<20
MW-10	10/26/2015	-	91.64	57.55	-	34.09	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	10/27/2015	LF (68)	91.64	57.60	-	34.04	<0.1	<0.1	<0.1	<0.1	<0.4	1.8	0.9	<0.1	<0.1	<4	-	<20
MW-10 (DUP)	10/03/2012	-	-	-	-	-	<1	<1	<1	<2	<5	14.6	1.92	<1	<1	<5	-	-
MW-11	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	<1.00	<5.00	<300	<100
MW-11	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	<2.00	<10.0	<300	<100
MW-11	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	<1.00	<5.00	39.4	48.6
MW-11	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	<2.00	<10.0	<300	<100
MW-11	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	<1.00	<5.00	<300	<100
MW-11	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	<1.00	<5.00	<300	<100
MW-11	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
MW-11	03/09/2011	-	94.28	41.03	76.83	53.25	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	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	<5.00	<158	<100
MW-11	05/10/2011	-	94.28	38.42	76.83	55.86	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/11/2011	LF (63)	94.28	39.38	-	54.90	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-11	07/12/2011	-	94.28	45.74	76.96	48.54	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	07/13/2011	LF (63)	94.28	45.64	76.96	48.64	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<158	<100
MW-11	10/19/2011	LF (63)	94.28	38.92	-	55.36	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-11	01/11/2012	LF (63)	94.28	42.55	77.00	51.73	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<164	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-11	02/16/2012	-	94.28	46.78	-	47.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	04/03/2012	-	94.28	46.45	-	47.83	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	04/04/2012	LF (63)	94.28	46.53	66.98	47.75	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<154	<100
MW-11	07/16/2012	-	94.28	42.95	76.95	51.33	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	07/17/2012	LF (63)	94.28	42.45	79.12	51.83	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<162	<100
MW-11	08/08/2012	LF (63)	94.28	43.60	-	50.68	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	-	-
MW-11	09/05/2012	-	94.28	45.76	-	48.52	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	10/03/2012	-	94.28	46.03	-	48.25	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	10/04/2012	LF (63)	94.28	44.70	-	49.58	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<153	<100
MW-11	01/14/2013	-	94.28	48.16	-	46.12	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	01/15/2013	LF (63)	94.28	48.24	-	46.04	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-11	04/22/2013	-	94.28	45.70	-	48.58	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	04/23/2013	LF (63)	94.28	45.73	-	48.55	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-11	07/22/2013	-	94.28	48.21	-	46.07	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	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	<1.00	<5.00	<152	<100
MW-11	10/21/2013	-	94.28	43.55	-	50.73	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	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	<1.00	<5.00	<150	<100
MW-11	01/09/2014	-	94.28	43.75	-	50.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	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	<1.00	<5.00	<153	<100
MW-11	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	<1.00	<5.00	<153	<100
MW-11	07/28/2014	-	94.28	47.47	-	46.81	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	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	<1.00	<5.00	<150	<100
MW-11	11/17/2014	-	94.28	52.75	-	41.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	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	<1.00	<5.00	-	<100
MW-11	01/27/2015	-	94.28	45.12	-	49.16	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	01/30/2015	LF (63)	94.28	45.70	-	48.58	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	-	<20
MW-11	04/21/2015	LF (63)	94.28	43.84	-	50.44	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	-	<20
MW-11	08/24/2015	-	94.28	48.46	-	45.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	08/25/2015	LF (63)	94.28	48.77	-	45.51	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	-	<20
MW-11	10/26/2015	-	94.28	51.19	-	43.09	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	10/27/2015	LF (63)	94.28	51.34	-	42.94	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	-	<20
MW-12	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	<1.00	<5.00	<300	<100
MW-12	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	<2.00	<10.0	<300	<100
MW-12	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	<1.00	<5.00	52.6	42.7

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-12	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	<2.00	<10.0	<300	<100
MW-12	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	<1.00	<5.00	<300	<100
MW-12	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	<1.00	<5.00	<300	<100
MW-12	12/08/2010	LF (64)	95.33	44.58	81.20	50.75	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<300	<100
MW-12	03/09/2011	-	95.33	33.95	81.15	61.38	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	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	<1.00	<5.00	<158	<100
MW-12	05/10/2011	-	95.33	35.15	81.15	60.18	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	05/11/2011	LF (64)	95.33	36.48	-	58.85	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-12	07/12/2011	-	95.33	41.51	81.17	53.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	07/13/2011	LF (64)	95.33	41.82	81.17	53.51	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-12	10/19/2011	LF (64)	95.33	36.53	-	58.80	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-12	01/11/2012	LF (64)	95.33	39.11	84.00	56.22	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<156	<100
MW-12	02/16/2012	-	95.33	44.15	-	51.18	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	04/03/2012	-	95.33	43.04	-	52.29	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	04/04/2012	LF (64)	95.33	43.03	81.25	52.30	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-12	07/16/2012	LF (64)	95.33	35.69	81.45	59.64	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<150	<100
MW-12	07/17/2012	-	95.33	39.72	-	55.61	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	08/08/2012	LF (64)	95.33	39.78	-	55.55	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	-	-
MW-12	09/05/2012	-	95.33	41.88	-	53.45	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	10/03/2012	-	95.33	41.79	-	53.54	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	10/04/2012	LF (64)	95.33	38.84	-	56.49	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<156	<100
MW-12	01/14/2013	-	95.33	44.59	-	50.74	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	01/15/2013	LF (64)	95.33	44.65	-	50.68	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-12	04/22/2013	-	95.33	41.63	-	53.70	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	04/24/2013	LF (64)	95.33	42.03	-	53.30	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<152	<100
MW-12	07/22/2013	-	95.33	44.75	-	50.58	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	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	<1.00	<5.00	<152	<100
MW-12	10/21/2013	-	95.33	37.07		58.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	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	<1.00	<5.00	<154	<100
MW-12	01/09/2014	-	95.33	38.88	-	56.45	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	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	<1.00	<5.00	<153	<100
MW-12	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	<1.00	<5.00	<150	<100
MW-12	07/28/2014	-	95.33	44.44	-	50.89	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	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	<1.00	<5.00	<150	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-12	11/17/2014	-	95.33	48.36	-	46.97	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	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	<1.00	<5.00	-	<100
MW-12	01/27/2015	-	95.33	42.32		53.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	01/28/2015	LF (64)	95.33	42.35	-	52.98	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	-	<20
MW-12	04/21/2015	-	95.33	39.70	-	55.63	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	04/23/2015	LF (64)	95.33	40.19	-	55.14	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	-	<20
MW-12	08/24/2015	-	95.33	44.21	81	51.12	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	10/26/2015	-	95.33	47.37	-	47.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	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	233	6,590	<300	966
MW-13	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	252	22,500	<300	1,280
MW-13	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	312	32,400	64.3	1,460
MW-13	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	76.8	1,530	<300	109
MW-13	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	37.6	849	<300	526
MW-13	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	144	2,890	320	1,050
MW-13	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
MW-13	11/30/2010	-	98.11	62.76	-	35.35	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/01/2010	-	98.11	63.15	-	34.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/08/2010	-	98.11	62.41	-	35.70	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	03/09/2011	-	98.11	57.67	83.78	40.44	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	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
MW-13	05/10/2011	-	98.11	50.50	83.78	47.61	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/11/2011	LF (73)	98.11	50.68	-	47.43	<1	<1	<1	<2	<5	34.8	7.23	<1	<1	<5	<150	<100
MW-13	07/12/2011	LF (73)	98.11	58.60	83.75	39.51	<1	<1	<1	<2	<5	1,680	24.3	<1	8.92	79.3	<158	731
MW-13	09/15/2011	-	98.11	49.59	-	48.52	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	09/20/2011	-	98.11	51.34	-	46.77	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	09/27/2011	LF (73)	98.11	52.05	-	46.06	<2	<2	<2	<4	<10	70.2	5.24	<2	<2	<10	<150	114
MW-13	10/18/2011	LF (73)	98.11	51.93	84.00	46.18	<1	<1	<1	<2	<5	8.89	<1	<1	<1	<5	<153	<100
MW-13	11/16/2011	LF (73)	98.11	54.08	-	44.03	<1	<1	<1	<2	<5	105	5.88	<1	<1	<5	<150	<100
MW-13	12/08/2011	-	98.11	51.60	-	46.51	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	01/12/2012	LF (73)	98.11	53.65	-	44.46	<1	<1	<1	<2	<5	32.6	3.44	<1	<1	<5	<168	<100
MW-13	02/16/2012	-	98.11	57.05	-	41.06	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	02/21/2012	-	98.11	57.73	-	40.38	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	02/28/2012	-	98.11	57.65	-	40.46	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	03/05/2012	-	98.11	57.96	-	40.15	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-13	03/28/2012	-	98.11	56.94	-	41.17	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	04/03/2012	LF (73)	98.11	58.00	83.61	40.11	2.52	4.72	<2	6	13	107	<2	<2	<2	<10	<150	<100
MW-13	04/11/2012	-	98.11	58.23	-	39.88	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	04/26/2012	-	98.11	58.87	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/07/2012	-	98.11	60.16	-	37.95	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/21/2012	-	98.11	59.25	-	38.86	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/04/2012	-	98.11	53.14	-	44.97	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/13/2012	LF (73)	98.11	55.15	86.62	42.96	<2	<2	<2	<4	<10	116	2.52	<2	<2	<10	<153	<100
MW-13	06/18/2012	-	98.11	55.73	-	42.38	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	07/06/2012	-	98.11	56.50	-	41.61	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	07/16/2012	-	98.11	54.75	83.65	43.36	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	07/17/2012	LF (73)	98.11	54.91	-	43.20	<2	<2	<2	<4	<10	108	<2	<2	<2	<10	<154	<100
MW-13	08/08/2012	LF (73)	98.11	55.76	-	42.35	<2	<2	<2	<4	<10	52	<2	<2	<2	<10	-	-
MW-13	09/05/2012	-	98.11	56.74	-	41.37	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	10/03/2012	-	98.11	59.05	-	39.06	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	10/08/2012	LF (73)	98.11	59.29	86.65	38.82	<2	<2	<2	<4	<10	23.5	4.72	<2	<2	<10	<150	<100
MW-13	01/14/2013	-	98.11	59.83	-	38.28	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	01/16/2013	LF (73)	98.11	59.61	-	38.50	<1	<1	<1	<2	<5	5.69	2.71	<1	<1	<5	<150	<100
MW-13	04/22/2013	-	98.11	57.41	-	40.70	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	04/25/2013	LF (73)	98.11	57.55	-	40.56	<1	<1	<1	<2	<5	9.15	<1	<1	<1	<5	<152	<100
MW-13	07/22/2013	-	98.11	59.55	-	38.56	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	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	<1.00	<5.00	<152	<100
MW-13	10/21/2013	-	98.11	57.55	-	40.56	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	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	<1.00	<5.00	<150	<100
MW-13	01/09/2014	-	98.11	55.00	-	43.11	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	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	<1.00	<5.00	<154	<100
MW-13	04/14/2014	-	98.11	49.61	-	48.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	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	<1.00	<5.00	<153	<100
MW-13	07/28/2014	-	98.11	58.71	-	39.40	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	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	<1.00	<5.00	<153	<100
MW-13	11/17/2014	-	98.11	63.98	-	34.13	-	-	-	-	-	-	-	-	-	-	-	-
MW-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	<1.00	<5.00	-	<100
MW-13	01/27/2015	LF (73)	98.11	59.26	-	38.85	<0.1	<0.1	<0.1	<0.1	<0.4	4.5	0.9	<0.1	<0.1	<4.0	-	<20
MW-13	04/21/2015	-	98.11	55.75	-	42.36	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-13	04/22/2015	LF (73)	98.11	55.65	-	42.46	<0.1	<0.1	<0.1	<0.1	<0.4	5.7	0.2 J	<0.1	<0.1	<4.0	-	<20
MW-13	08/24/2015	-	98.11	60.95	83.6	37.16	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	08/25/2015	LF (73)	98.11	61.01	-	37.10	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	0.5 J	<0.1	<0.1	<4	-	<20
MW-13	10/26/2015	-	98.11	62.84	-	35.27	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	10/27/2015	LF (73)	98.11	62.87	-	35.24	<0.1	<0.1	<0.1	<0.1	<0.4	0.7	0.9	<0.1	<0.1	<4	-	<20
MW-13 (DUP)	10/08/2012	-	-	-	-	-	<1	<1	<1	<2	<5	17.7	2.85	<1	<1	<5	-	-
MW-13 (DUP)	01/16/2013	-	-	-	-	-	<1	<1	<1	<2	<5	4.24	2.23	<1	<1	<5	-	<100
MW-13 (DUP)	04/25/2013	-	-	-	-	-	<1	<1	<1	<2	<5	8.28	<1	<1	<1	<5	<154	<100
MW-14S	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	1.18	<5.00	<300	<100
MW-14S	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
MW-14S	12/08/2010	-	91.21	57.30	-	33.91	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	03/09/2011	-	91.21	54.90	99.82	36.31	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	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
MW-14S	05/10/2011	-	91.21	45.33	99.82	45.88	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	05/12/2011	LF (78)	91.21	45.44	-	45.77	<1	<1	<1	<2	<5	1,180	15.1	<1	32.5	525	<150	830
MW-14S	07/12/2011	-	91.21	53.28	99.82	37.93	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	07/14/2011	LF (78)	91.21	53.42	99.82	37.79	<2	<2	<2	<4	<10	703	15.5	<2	15.8	280 V4	<150	432
MW-14S	09/14/2011	-	91.21	46.68	-	44.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	09/27/2011	LF (78)	91.21	46.38	-	44.83	<2	<2	<2	4	4	2,790	41.6	<2	63.6	987	<150	858
MW-14S	10/19/2011	LF (78)	91.21	46.71	-	44.50	<2	<2	<2	<4	<10	2,870	34.4	<2	56.6	826	<150	416
MW-14S	11/15/2011	LF (78)	91.21	47.62	-	43.59	<2	<2	<2	<4	<10	1,890	29.6	<2	34.9	396	<150	642
MW-14S	12/08/2011	-	91.21	45.81	-	45.40	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	01/11/2012	LF (78)	91.21	47.31	100.00	43.90	<1	<1	<1	<2	<5	555	7.83	<1	7.72	24.3	<165	332
MW-14S	02/16/2012	-	91.21	50.36	-	40.85	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	02/28/2012	-	91.21	51.59	-	39.62	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	03/28/2012	-	91.21	51.37	-	39.84	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	04/03/2012	-	91.21	51.50	-	39.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	04/05/2012	LF (78)	91.21	51.51	-	39.70	<2	<2	<2	<4	<10	132	9.3	<2	<2	<10	<150	<100
MW-14S	04/26/2012	-	91.21	52.86	-	38.35	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	05/07/2012	-	91.21	53.62	-	37.59	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	05/21/2012	-	91.21	54.47	-	36.74	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	06/04/2012	-	91.21	51.85	-	39.36	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	06/13/2012	-	91.21	49.81	101.06	41.40	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	06/14/2012	LF (78)	91.21	49.45	-	41.76	<2	<2	<2	<4	<10	26.7	6.22	<2	<2	<10	<154	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-14S	06/18/2012	-	91.21	49.83	-	41.38	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	07/06/2012	-	91.21	50.99	-	40.22	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	07/11/2012	-	91.21	50.48	-	40.73	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	07/16/2012	LF (78)	91.21	49.66	103.55	41.55	<2	<2	<2	<4	<10	71.7	6.96	<2	<2	<10	<150	<100
MW-14S	08/07/2012	LF (78)	91.21	49.60	-	41.61	<2	<2	<2	<4	<10	21.9	<2	<2	<2	<10	-	-
MW-14S	09/05/2012	-	91.21	50.50	-	40.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	10/03/2012	LF (78)	91.21	53.18	-	38.03	<1	<1	<1	<2	<5	3.39	1.32	<1	<1	<5	<152	<100
MW-14S	01/14/2013	LF (78)	91.21	53.38	100.00	37.83	<1	<1	<1	<2	<5	1.94	<1	<1	<1	<5	<150	<100
MW-14S	04/22/2013	-	91.21	51.12	-	40.09	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	04/23/2013	LF (78)	91.21	51.18	-	40.03	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<153	<100
MW-14S	07/22/2013	LF (78)	91.21	52.9	-	38.31	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-14S	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	<1.00	<5.00	<152	<100
MW-14S	01/09/2014	-	91.21	49.17	-	42.04	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	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	<1.00	<5.00	<153	<100
MW-14S	04/14/2014	-	91.21	44.25	-	46.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	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	<1.00	<5.00	174	<100
MW-14S	07/28/2014	-	91.21	52.35	-	38.86	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	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	<1.00	<5.00	<154	<100
MW-14S	11/17/2014	-	91.21	58.06	-	33.15	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	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	<1.00	<5.00	-	<100
MW-14S	01/27/2015	-	91.21	53.44	-	37.77	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	02/12/2015	LF (78)	91.21	52.72	-	38.49	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	0.3 J	<0.1	<0.1	<4.0	-	<20
MW-14S	04/21/2015	-	91.21	49.26	-	41.95	<0.1	<0.1	<0.1	<0.1	<0.4	1.2	0.1 J	<0.1	<0.1	<4.0	-	<20
MW-14S	08/24/2015	-	91.21	54.91	-	36.30	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	08/26/2015	LF (78)	91.21	55.05	-	36.16	<0.1	<0.1	<0.1	<0.1	<0.4	1.5	0.4 J	<0.1	<0.1	<4	-	<20
MW-14S	10/26/2015	-	91.21	57.15	-	34.06	-	-	-	-	-	-	-	-	-	-	-	-
MW-14S	10/29/2015	LF (78)	91.21	57.14	-	34.07	<0.1	<0.1	<0.1	<0.1	<0.4	1.2	0.7	<0.1	<0.1	<4	-	<20
MW-14D	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	167	4,740	36.9	1,110
MW-14D	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	30.6	416	<300	<100
MW-14D	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	<2.00	<10.0	<300	107
MW-14D	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	56.7	1,970	<300	768
MW-14D	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
MW-14D	11/30/2010	-	92.07	65.25	-	26.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	12/08/2010	-	92.07	63.68	-	28.39	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-14D	03/09/2011	-	92.07	61.60	221.80	30.47	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	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
MW-14D	05/10/2011	-	92.07	46.88	221.80	45.19	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	05/12/2011	LF (212)	92.07	46.74	-	45.33	<1	<1	<1	<2	<5	2,490	22.6	<1	65.5	1,080	<150	1,020
MW-14D	07/12/2011	-	92.07	57.01	221.80	35.06	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	07/14/2011	LF (212)	92.07	57.03	221.80	35.04	<2	<2	<2	<4	<10	2,060	32.3	<2	93.3	2,910	<150	844
MW-14D	09/14/2011	-	92.07	56.80	-	35.27	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	09/27/2011	LF (212)	92.07	49.22	-	42.85	<2	<2	<2	<4	<10	3,270	31.4	<2	65.3	906	<150	813
MW-14D	10/19/2011	LF (212)	92.07	48.85	221.00	43.22	<2	<2	<2	<4	<10	2,930	23.8	<2	53.6	731	<169	461
MW-14D	11/15/2011	LF (212)	92.07	48.15	-	43.92	<2	<2	<2	<4	<10	2,600	19	<2	26.5	312	<150	694
MW-14D	12/08/2011	-	92.07	45.95	-	46.12	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	01/11/2012	LF (212)	92.07	46.61	221.0	45.46	<2	<2	<2	<4	<10	3,260	19.7	<2	40.1	376	<171	508
MW-14D	02/16/2012	-	92.07	49.74	-	42.33	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	02/28/2012	-	92.07	51.59	-	40.48	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	03/28/2012	-	92.07	51.70	-	40.37	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	04/03/2012	-	92.07	51.67	-	40.40	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	04/05/2012	LF (212)	92.07	51.68	-	40.39	<2	<2	<2	<4	<10	1,320	26.9	<2	46.3	588	<150	161
MW-14D	04/26/2012	-	92.07	53.35	-	38.72	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	05/07/2012	-	92.07	55.28	-	36.79	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	05/21/2012	-	92.07	60.39	-	31.68	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	06/04/2012	-	92.07	56.88	-	35.19	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	06/13/2012	-	92.07	50.27	-	41.80	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	06/14/2012	LF (212)	92.07	52.05	-	40.02	<2	<2	<2	<4	<10	1,410	21	<2	45.2	519	<158	294
MW-14D	06/18/2012	LF (212)	92.07	56.18	-	35.89	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	07/06/2012	-	92.07	51.57	-	40.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	07/11/2012	-	92.07	51.25	-	40.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	07/16/2012	-	92.07	81.80	234.39	10.27	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	07/18/2012	LF(212)	92.07	75.65	-	16.42	<2	<2	<2	<4	<10	1,500	13.7	<2	31.4	542	<150	<100
MW-14D	08/07/2012	LF (212)	92.07	53.40	-	38.67	<2	<2	<2	<4	<10	2,360	18.9	<2	43.5	480	-	-
MW-14D	09/05/2012	-	92.07	51.19	-	40.88	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	10/03/2012	-	92.07	52.85	-	39.22	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	10/08/2012	LF (212)	92.07	53.00	-	39.07	<2	<2	<2	<4	<10	1,990	11.4	<2	25.8	182	<150	<100
MW-14D	01/14/2013	-	92.07	54.78	-	37.29	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	01/18/2013	LF (212)	92.07	54.73	-	37.34	<2	<2	<2	<4	<10	1,220	12.6	<2	18.2	62.2	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-14D	04/22/2013	-	92.07	51.40	-	40.67	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	04/23/2013	LF (212)	92.07	52.53	-	39.54	<1	<1	<1	<2	<5	861 QK	7.25	<1	11.5	29.4	<153	491
MW-14D	07/22/2013	-	92.07	54.34	-	37.73	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	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	5.78	<10.0	<153	436
MW-14D	10/21/2013	-	92.07	55.85	-	36.22	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	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	1.37	6.94	<154	511
MW-14D	01/09/2014	-	92.07	49.80	-	42.27	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	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	<2.00	<10.0	<152	161
MW-14D	04/14/2014	-	92.07	47.36	-	44.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	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	<2.00	<10.0	<154	126
MW-14D	07/28/2014	-	92.07	53.04	-	39.03	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	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	<1.00	<5.00	<153	<100
MW-14D	11/17/2014	-	92.07	61.13	-	30.94	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	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	<1.00	7.95	-	<100
MW-14D	01/27/2015	-	92.07	56.18	-	35.89	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	02/12/2015	LF (212)	92.07	54.54	-	37.53	<0.1	<0.1	<0.1	<0.1	<0.4	77	3.2	<0.1	0.5	9.3 J	-	74
MW-14D	04/21/2015	-	92.07	49.88	-	42.19	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	04/24/2015	LF (212)	92.07	50.04	-	42.03	<0.1	<0.1	<0.1	<0.1	<0.4	75	2.8	<0.1	0.6	10	-	79
MW-14D	08/24/2015	-	92.07	55.71	-	36.36	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	08/28/2015	LF (212)	92.07	56.60	-	35.47	<0.1	<0.1	<0.1	<0.1	<0.4	67	2.8	<0.1	0.7	9.3 J	-	78
MW-14D	10/26/2015	-	92.07	60.65	-	31.42	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	10/29/2015	LF (212)	92.07	61.40	-	30.67	<0.1	<0.1	<0.1	<0.1	<0.4	57	2.6	<0.1	0.6	<4	-	70
MW-15D	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	234	9,890	53	1,160
MW-15D	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	100	2,910	<300	102
MW-15D	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	579	14,100	<300	1,450
MW-15D	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	43.3	4,140	574	652
MW-15D	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
MW-15D	11/30/2010	-	97.67	63.67	-	34.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	12/01/2010	-	97.67	63.72	-	33.95	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	12/08/2010	-	97.67	63.59	-	34.08	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	03/09/2011	-	97.67	60.68	132.40	36.99	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	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
MW-15D	05/10/2011	-	97.67	51.59	132.40	46.08	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	05/11/2011	LF (97)	97.67	51.77	-	45.90	<2	<2	<2	<4	<10	517	15.7	<2	2.82	<10	<150	302

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-15D	07/12/2011	-	97.67	59.70	132.40	37.97	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	07/13/2011	LF (97)	97.67	59.83	132.40	37.84	<1	<1	<1	<2	<5	450	9.22	<1	2.43	44.8	<150	374
MW-15D	09/14/2011	-	97.67	51.62	-	46.05	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	09/20/2011	-	97.67	52.05	-	45.62	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	09/27/2011	LF (97)	97.67	53.09	-	44.58	<2	<2	<2	<4	<10	119	2.76	<2	<2	30.5	<150	159
MW-15D	10/18/2011	LF (97)	97.67	53.17	133.50	44.50	<2	<2	<2	<4	<10	192	5.32	<2	4	<10	<158	107
MW-15D	11/16/2011	LF (97)	97.67	54.66	-	43.01	<2	<2	<2	<4	<10	49.6	4.52	<2	<2	12.1	<150	<100
MW-15D	12/08/2011	-	97.67	52.65	-	45.02	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	01/11/2012	LF (97)	97.67	54.30	133.5	43.37	<1	<1	<1	<2	<5	382	5.42	<1	3.91	97.1	<164	207
MW-15D	02/16/2012	-	97.67	57.41	-	40.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	02/21/2012	-	97.67	57.68	-	39.99	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	02/28/2012	-	97.67	58.53	-	39.14	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	03/05/2012	-	97.67	58.23	-	39.44	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	03/23/2012	-	97.67	58.14	-	39.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	03/28/2012	-	97.67	58.05	-	39.62	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	04/03/2012	LF (97)	97.67	58.30	111.12	39.37	<2	<2	<2	<4	<10	4,240	74.6	<2	86.8	357	<153	213
MW-15D	04/11/2012	-	97.67	58.74	-	38.93	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	04/26/2012	-	97.67	59.52	-	38.15	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	04/30/2012	-	97.67	59.88	-	37.79	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	05/07/2012	-	97.67	60.33	-	37.34	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	05/15/2012	-	97.67	60.74	-	36.93	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	05/21/2012	-	97.67	60.67	-	37.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	05/24/2012	-	97.67	60.68	-	36.99	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	05/29/2012	-	97.67	60.28	-	37.39	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	06/04/2012	-	97.67	56.33	-	41.34	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	06/13/2012	LF (97)	97.67	56.18	113.31	41.49	<2	<2	<2	<4	<10	18.6	5.26	<2	<2	<10	<152	<100
MW-15D	06/18/2012	-	97.67	56.26	-	41.41	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	06/28/2012	-	97.67	57.20	-	40.47	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	07/06/2012	-	97.67	57.28	-	40.39	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	07/09/2012	-	97.67	57.58	-	40.09	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	07/11/2012	-	97.67	55.65	-	42.02	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	07/16/2012	-	97.67	55.86	-	41.81	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	07/17/2012	LF (97)	97.67	55.93	-	41.74	<2	<2	<2	<4	<10	32.7	14.8	<2	<2	<10	<158	<100
MW-15D	07/23/2012	-	97.67	55.25	-	42.42	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-15D	08/09/2012	LF (97)	97.67	56.56	-	41.11	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	-	-
MW-15D	09/05/2012	-	97.67	57.25	-	40.42	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	10/03/2012	-	97.67	59.85	-	37.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	10/08/2012	LF (97)	97.67	59.79	-	37.88	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-15D	01/14/2013	-	97.67	60.21	-	37.46	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	01/18/2013	LF (97)	97.67	60.14	-	37.53	<2	<2	<2	<4	<10	38.3	3.56	<2	<2	<10	<150	<100
MW-15D	04/22/2013	-	97.67	57.89	-	39.78	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	04/25/2013	LF (97)	97.67	58.00	-	39.67	<2	<2	<2	5	5	32.3	<2	<2	<2	<10	<156	<100
MW-15D	07/22/2013	-	97.67	59.80	-	37.87	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	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	<2.00	<10.0	<150	<100
MW-15D	10/21/2013	-	97.67	58.53	-	39.14	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	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	<2.00	<10.0	<152	<100
MW-15D	01/09/2014	-	97.67	55.74	-	41.93	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	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	<2.00	<10.0	<153	<100
MW-15D	04/14/2014	-	97.67	50.10	-	47.57	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	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	<1.00	<5.00	<153	<100
MW-15D	07/28/2014	-	97.67	59.11	-	38.56	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	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	<1.00	<5.00	<153	<100
MW-15D	11/17/2014	-	97.67	64.41	-	33.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	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	<1.00	<5.00	-	<100
MW-15D	01/27/2015	-	97.67	59.71	-	37.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	01/28/2015	LF (93)	97.67	59.91	-	37.76	<0.1	<0.1	<0.1	<0.1	<0.4	20	1.3	<0.1	0.1 J	<4.0	-	<20
MW-15D	04/21/2015	-	97.67	56.13	-	41.54	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	04/22/2015	LF (93)	97.67	56.04	-	41.63	<0.1	<0.1	<0.1	<0.1	<0.4	0.5 J	0.4 J	<0.1	<0.1	<4.0	-	<20
MW-15D	08/24/2015	-	97.67	61.45	-	36.22	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	08/27/2015	LF (93)	97.67	61.78	-	35.89	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	0.2 J	<0.1	<0.1	<4	-	<20
MW-15D	10/26/2015	-	97.67	63.36	-	34.31	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	10/28/2015	LF (93)	97.67	63.38	-	34.29	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	0.1 J	<0.1	<0.1	<4	-	<20
MW-16	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	2.3	67.4	55.9	176
MW-16	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	<2.00	<10.0	<300	<100
MW-16	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	<1.00	<5.00	<300	<100
MW-16	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	<1.00	<5.00	384	<100
MW-16	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
MW-16	12/08/2010	-	89.78	55.96	-	33.82	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-16	03/09/2011	-	89.78	53.31	120.63	36.47	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	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
MW-16	05/10/2011	-	89.78	43.97	120.63	45.81	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	05/12/2011	LF (83)	89.78	44.08	-	45.70	<1	<1	<1	<2	<5	4.96	<1	<1	<1	<5	<150	<100
MW-16	07/12/2011	-	89.78	51.93	120.63	37.85	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	07/14/2011	LF (83)	89.78	52.10	120.63	37.68	<1	<1	<1	<2	<5	6.27	1.06	<1	<1	<5	<150	<100
MW-16	09/14/2011	-	89.78	45.30	-	44.48	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	09/27/2011	LF (83)	89.78	44.97	-	44.81	<1	<1	<1	<2	<5	1.38	<1	<1	<1	<5	<150	<100
MW-16	10/19/2011	LF (83)	89.78	45.28	121.00	44.50	<1	<1	<1	<2	<5	1.24	<1	<1	<1	<5	<163	<100
MW-16	11/15/2011	LF (83)	89.78	46.23	-	43.55	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-16	12/08/2011	-	89.78	44.35	-	45.43	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	01/12/2012	LF (83)	89.78	45.90	121.0	43.88	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<156	<100
MW-16	02/16/2012	-	89.78	48.97	-	40.81	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	02/28/2012	-	89.78	50.25	-	39.53	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	03/28/2012	-	89.78	49.96	-	39.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	04/03/2012	-	89.78	50.15	-	39.63	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	04/04/2012	LF (83)	89.78	50.05	125.10	39.73	<1	<1	<1	<2	<5	1.87	<1	<1	<1	<5	<156	<100
MW-16	04/26/2012	-	89.78	51.53	-	38.25	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	05/07/2012	-	89.78	52.28	-	37.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	05/21/2012	-	89.78	53.18	-	36.60	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	06/04/2012	-	89.78	50.50	-	39.28	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	06/13/2012	-	89.78	48.45	121.43	41.33	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	06/14/2012	LF (83)	89.78	48.49	-	41.29	<1	<1	<1	<2	<5	1.94	<1	<1	<1	<5	<153	<100
MW-16	06/18/2012	-	89.78	48.43	-	41.35	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	07/06/2012	-	89.78	49.61	-	40.17	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	07/16/2012	LF (83)	89.78	48.32	127.21	41.46	<2	<2	<2	<4	<10	3.5	<2	<2	<2	<10	<159	<100
MW-16	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	-	-
MW-16	09/05/2012	-	89.78	49.12	-	40.66	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	10/03/2012	LF (83)	89.78	51.81	-	37.97	<1	<1	<1	<2	<5	1.47	<1	<1	<1	<5	<150	<100
MW-16	01/14/2013	LF (83)	89.78	51.98	121.00	37.80	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<156	<100
MW-16	04/22/2013	-	89.78	49.80	-	39.98	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	04/23/2013	LF (83)	89.78	49.89	-	39.89	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<152	<100
MW-16	07/22/2013	LF (83)	89.78	51.51	-	38.27	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<150	<100
MW-16	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	<1.00	<5.00	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-16	01/09/2014	-	89.78	47.75	-	42.03	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	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	<1.00	<5.00	<153	<100
MW-16	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	<1.00	<5.00	<152	<100
MW-16	07/28/2014	-	89.78	50.99	-	38.79	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	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	<1.00	<5.00	<152	<100
MW-16	11/17/2014	-	89.78	58.47	-	31.31	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	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	<1.00	<5.00	-	<100
MW-16	01/27/2015	-	89.78	52.03	-	37.75	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	01/30/2015	LF (83)	89.78	51.80	-	37.98	<0.1	<0.1	<0.1	<0.1	<0.4	0.7	<0.1	<0.1	<0.1	<4.0	-	<20
MW-16	04/21/2015	-	89.78	47.86	-	41.92	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<4.0	-	<20
MW-16	08/24/2015	LF (83)	89.78	53.54	-	36.24	<0.1	<0.1	<0.1	<0.1	<0.4	0.9	<0.1	<0.1	<0.1	<4	-	<20
MW-16	10/26/2015	-	89.78	55.82	-	33.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	10/29/2015	LF (83)	89.78	55.77	-	34.01	<0.1	<0.1	<0.1	<0.1	<0.4	1.1	0.1 J	<0.1	<0.1	<4	-	<20
MW-16 (DUP)	11/23/2010	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	263	7.83	<1.00	1.67	<5.00	-	-
MW-17	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	591	25,800	<150	1,710
MW-17	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	354	14,600	<300	164
MW-17	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	166	3,890	<300	654
MW-17	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	291	9,640	<300	1,150
MW-17	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
MW-17	11/30/2010	-	92.84	58.72	-	34.12	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	12/08/2010	-	92.84	58.78	-	34.06	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	03/09/2011	-	92.84	56.63	120.16	36.21	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	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
MW-17	05/10/2011	-	92.84	46.87	120.16	45.97	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	05/12/2011	LF (68)	92.84	47.00	-	45.84	<1	<1	<1	<2	<5	8,940	78.3	<1	198	4,760	<155	1,500
MW-17	07/12/2011	-	92.84	54.75	120.16	38.09	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	07/14/2011	LF (68)	92.84	54.90	120.16	37.94	<2	<2	<2	<4	<10	7,750	151	<2	400	8,500	<150	1,530
MW-17	09/14/2011	-	92.84	48.17	-	44.67	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	09/27/2011	LF (68)	92.84	47.94	-	44.90	<2	<2	<2	<4	<10	10,500	148	<2	444	7,620	<150	1,500
MW-17	10/19/2011	LF (68)	92.84	48.22	121.00	44.62	<2	<2	<2	<4	<10	13,300	124	<2	287	6,090	<158	760
MW-17	11/15/2011	LF (68)	92.84	49.22	-	43.62	<2	<2	<2	<4	<10	9,740	152	2.86	299	3,020	<150	1,180
MW-17	12/08/2011	-	92.84	47.49	-	45.35	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	01/11/2012	LF (68)	92.84	48.93	121.00	43.91	<2	<2	<2	<4	<10	10,700	62.2	<2	158	3,840	<169	887
MW-17	02/16/2012	-	92.84	51.95	-	40.89	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-17	02/28/2012	-	92.84	53.12	-	39.72	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	03/28/2012	-	92.84	52.91	-	39.93	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	04/03/2012	-	92.84	53.10	-	39.74	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	04/04/2012	LF (68)	92.84	53.05	-	39.79	<2	<2	<2	<4	<10	2,010	87.3	<2	172	3,560	<154	233
MW-17	04/26/2012	-	92.84	54.37	-	38.47	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	05/07/2012	-	92.84	55.14	-	37.70	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	05/21/2012	-	92.84	55.90	-	36.94	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	06/04/2012	-	92.84	53.33	-	39.51	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	06/13/2012	-	92.84	54.40	119.90	38.44	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	06/14/2012	LF (68)	92.84	52.40	-	40.44	<2	<2	<2	<4	<10	1,900	74.3	<2	153	2,050	<160	380
MW-17	06/18/2012	-	92.84	51.37	-	41.47	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	07/06/2012	-	92.84	52.20	-	40.64	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	07/11/2012	-	92.84	51.96	-	40.88	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	07/16/2012	-	92.84	51.13	-	41.71	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	07/31/2012	LF (68)	92.84	50.81	-	42.03	<2	<2	<2	<4	<10	3,410	45.2	<2	70.3	456	<150	<100
MW-17	08/07/2012	LF (68)	92.84	51.18	-	41.66	<1	<1	<1	<2	<5	3,380	30.1	<1	42.1	196	-	-
MW-17	09/05/2012	-	92.84	52.05	-	40.79	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	10/03/2012	-	92.84	54.51	-	38.33	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	10/04/2012	LF (68)	92.84	54.71	-	38.13	<5	<5	<5	<10	<25	1,620	30.4	<5	35	795	<153	<100
MW-17	01/14/2013	LF (68)	92.84	45.95	121.00	46.89	<1	<1	<1	<2	<5	1,350	20	<1	19.6	299	<150	<100
MW-17	04/22/2013	-	92.84	52.63	-	40.21	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	04/23/2013	LF (68)	92.84	52.65	-	40.19	<1	<1	<1	<2	<5	171 QK	5.33	<1	3.84	49.5	<153	259
MW-17	07/22/2013	-	92.84	54.45	-	38.39	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	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	<1.00	<5.00	<152	156
MW-17	10/21/2013	-	92.84	54.11	-	38.73	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	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	2.19	28.4	<152	184
MW-17	01/09/2014	-	92.84	50.76	-	42.08	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	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	<2.00	10.8	<153	117
MW-17	04/14/2014	-	92.84	45.60	-	47.24	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	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	<1.00	<5.00	<152	<100
MW-17	07/28/2014	-	92.84	53.90	-	38.94	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	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	<1.00	<5.00	<152	<100
MW-17	11/17/2014	-	92.84	59.57	-	33.27	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	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	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-17	01/27/2015	-	92.84	55.03	-	37.81	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	02/12/2015	LF (68)	92.84	54.28	-	38.56	<0.1	<0.1	<0.1	<0.1	<0.4	3.7	4.1	<0.1	<0.1	7.5 J	-	<20
MW-17	04/21/2015	-	92.84	50.86	-	41.98	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	04/24/2015	LF (68)	92.84	51.16		41.68	<0.1	<0.1	<0.1	<0.1	<0.4	4.2	3.5	<0.1	<0.1	4.9 J	-	<20
MW-17	08/24/2015	-	92.84	56.44	-	36.40	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	08/28/2015	LF (68)	92.84	56.80	-	36.04	<0.1	<0.1	<0.1	<0.1	<0.4	2.3	3.2	<0.1	<0.1	<4	-	<20
MW-17	10/26/2015	-	92.84	58.65	-	34.19	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	10/29/2015	LF (68)	92.84	58.64	-	34.20	<0.1	<0.1	<0.1	<0.1	<0.4	2.5	3.1	<0.1	<0.1	8.8 J	-	<20
MW-17 (DUP)	08/01/2014	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	4.58	5	<1.00	<1.00	<5.00	<152	<100
MW-18S	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
MW-18S	11/30/2010	-	98.29	64.28	-	34.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	12/01/2010	-	98.29	64.34	-	33.95	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	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
MW-18S	03/09/2011	-	98.29	61.49	70.28	36.80	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	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
MW-18S	05/10/2011	LF (68)	98.29	52.33	70.28	45.96	<2	8.68	<2	<4	9	7,040	87.8	<2	189	1,600	184	1,270
MW-18S	07/12/2011	-	98.29	60.37	70.28	37.92	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	07/13/2011	LF (68)	98.29	60.48	70.28	37.81	<2	4.68	<2	<4	5	4,740	89.5	<2	226	1,160	207	1,270
MW-18S	09/14/2011	-	98.29	52.86	-	45.43	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	09/20/2011	-	98.29	52.95	-	45.34	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	09/27/2011	LF (68)	98.29	53.71	-	44.58	<2	<2	<2	<4	<10	9,660	106	<2	526	471	189	1,760
MW-18S	10/18/2011	LF (68)	98.29	53.88	70.00	44.41	<2	<2	<2	<4	<10	15,300	198	<2	585	1,130	<168	877
MW-18S	11/16/2011	LF (68)	98.29	55.34	-	42.95	<2	<2	<2	<4	<10	7,160	93.6	<2	218	477	<150	992
MW-18S	12/08/2011	-	98.29	53.24	-	45.05	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	01/12/2012	LF (68)	98.29	55.10	70.00	43.19	<2	<2	<2	<4	<10	6,220	76.7	<2	162	242	<174	905
MW-18S	02/16/2012	-	98.29	57.98	-	40.31	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	02/21/2012	-	98.29	58.39	-	39.90	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	02/28/2012	-	98.29	59.08	-	39.21	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	03/05/2012	-	98.29	58.88	-	39.41	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	03/23/2012	-	98.29	58.75	-	39.54	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	03/28/2012	-	98.29	58.66	-	39.63	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	04/03/2012	LF (68)	98.29	59.05	70.25	39.24	<2	<2	<2	<4	<10	3,030	80.5	<2	70.2	365	<155	202
MW-18S	04/11/2012	-	98.29	59.38	-	38.91	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	04/26/2012	-	98.29	60.18	-	38.11	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-18S	04/30/2012	-	98.29	60.65	-	37.64	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	05/07/2012	-	98.29	61.12	-	37.17	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	05/15/2012	-	98.29	61.52	-	36.77	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	05/21/2012	-	98.29	61.43	-	36.86	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	05/24/2012	-	98.29	60.55	-	37.74	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	05/29/2012	-	98.29	60.99	-	37.30	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	06/04/2012	-	98.29	57.00	-	41.29	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	06/13/2012	-	98.29	56.95	70.55	41.34	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	06/15/2012	LF (68)	98.29	56.43	-	41.86	<2	<2	<2	<4	<10	754 QK	7.12	<2	18.7	<10	<156	270
MW-18S	06/18/2012	-	98.29	56.97	-	41.32	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	06/28/2012	-	98.29	57.93	-	40.36	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	07/06/2012	-	98.29	57.84	-	40.45	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	07/09/2012	-	98.29	58.13	-	40.16	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	07/11/2012	-	98.29	56.08	70.26	42.21	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	07/16/2012	-	98.29	56.50	70.25	41.79	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	07/17/2012	LF (68)	98.29	56.52	70.20	41.77	<2	<2	<2	<4	<10	1,390	10.1	<2	30.2	<10	<158	<100
MW-18S	07/23/2012	-	98.29	55.99	-	42.30	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	08/09/2012	LF (68)	98.29	57.06	-	41.23	<2	<2	<2	<4	<10	731 VH	8.84	<2	17.6	<10	-	-
MW-18S	09/05/2012	-	98.29	57.87	-	40.42	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	10/03/2012	-	98.29	60.46	-	37.83	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	10/08/2012	LF (68)	98.29	60.37	-	37.92	<2	<2	<2	<4	<10	118	<2	<2	<2	32.1	<152	<100
MW-18S	01/14/2013	-	98.29	60.84	-	37.45	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	01/17/2013	LF (68)	98.29	60.13	70.61	38.16	<2	<2	<2	<4	<10	167	5.8	<2	11.4	39.8	<153	<100
MW-18S	04/22/2013	-	98.29	58.47	-	39.82	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	04/25/2013	LF (68)	98.29	58.58	-	39.71	<2	3.08	2.28	13.42	19	214	3.06	<2	3.76	<10	<153	188
MW-18S	07/22/2013	-	98.29	60.39	-	37.90	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	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	<2.00	<10.0	<152	<100
MW-18S	10/21/2013	-	98.29	62.79	-	35.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	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	15.8	<10.0	<150	677
MW-18S	01/09/2014	-	98.29	56.32	-	41.97	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	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	5.94	<10.0	<152	343
MW-18S	04/14/2014	-	98.29	50.69	-	47.60	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	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	8.54	<10.0	<152	478
MW-18S	07/28/2014	-	98.29	59.65	-	38.64	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-18S	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	<1.00	<5.00	<153	<100
MW-18S	11/17/2014	-	98.29	64.72	-	33.57	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	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	<1.00	<5.00	-	<100
MW-18S	01/27/2015	-	98.29	60.37	-	37.92	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	02/12/2015	LF (68)	98.29	59.78	-	38.51	<0.1	12	<0.1	0.1 J	12.1	27.0	1.5	<0.1	0.4 J	<4.0	-	63
MW-18S	04/21/2015	-	98.29	56.64	-	41.65	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	04/22/2015	LF (68)	98.29	56.72	-	41.57	<0.1	1	<0.1	<0.1	1	19	1.8	<0.1	0.3 J	<4.0	-	24 J
MW-18S	08/24/2015	-	98.29	61.81	70	36.48	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	08/27/2015	LF (68)	98.29	61.98	-	36.31	<0.1	0.2 J	<0.1	<0.1	0.2 J	11	0.6	<0.1	0.2 J	<4	-	25 J
MW-18S	10/26/2015	-	98.29	63.52	-	34.77	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S	10/28/2015	LF (68)	98.29	63.58	-	34.71	<0.1	0.2 J	<0.1	<0.1	0.2 J	11	0.4 J	<0.1	0.2 J	<4	-	26 J
MW-18S (DUP)	01/16/2014	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	1.85	<1.00	<1.00	<1.00	<5.00	<152	<100
MW-18S-R	02/12/2015	LF	97.72	59.53	-	38.19	<0.2	<0.2	<0.2	<0.2	<0.8	470	18	<0.2	7.5	25	-	400
MW-18S-R	04/21/2015	-	97.72	56.27	-	41.45	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S-R	04/22/2015	LF	97.72	56.18	-	41.54	<0.2	<0.2	<0.2	<0.2	<0.8	390	16	<0.2	7.1	170	-	440
MW-18S-R	08/24/2015	-	97.72	61.60	70.9	36.12	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S-R	08/27/2015	LF	97.72	61.83	-	35.89	<0.2	<0.2	<0.2	<0.2	<0.8	310	9.5	<0.2	6.1	170	-	340
MW-18S-R	10/26/2015	-	97.72	63.51	-	34.21	-	-	-	-	-	-	-	-	-	-	-	-
MW-18S-R	10/29/2015	LF	97.72	63.46	-	34.26	<1	<1	<1	<1	<4	530	21	<1	9.7	180	-	520
MW-18D	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
MW-18D	11/30/2010	-	98.31	100.92	-	-2.61	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	12/01/2010	-	98.31	98.12	-	0.19	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	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
MW-18D	03/09/2011	-	98.31	10.30	130.45	88.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	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
MW-18D	05/10/2011	LF (125)	98.31	40.93	130.45	57.38	<2	<2	<2	<4	<10	166	<2	<2	3.78	119	252	130
MW-18D	07/12/2011	-	98.31	54.70	130.45	43.61	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	07/13/2011	LF (125)	98.31	54.75	130.45	43.56	<2	<2	<2	<4	<10	49.2	<2	<2	<2	34.7	315	<100
MW-18D	09/14/2011	-	98.31	57.25	-	41.06	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	09/20/2011	-	98.31	55.33	-	42.98	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	09/27/2011	LF (125)	98.31	51.15	-	47.16	<1	<1	<1	<2	<5	50.3	<1	<1	1.39	24.1	327	106
MW-18D	10/18/2011	LF (125)	98.31	60.00	130.00	38.31	<1	<1	<1	<2	<5	115	<1	<1	2.86	77.7	<357	102
MW-18D	11/16/2011	LF (125)	98.31	59.90	-	38.41	<2	<2	<2	<4	<10	470	6.6	<2	<2	600	<150	364
MW-18D	12/08/2011	-	98.31	62.28	-	36.03	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-18D	01/11/2012	LF (125)	98.31	53.84	130.00	44.47	<2	<2	<2	<4	<10	433	3.46	<2	10	433	<165	326
MW-18D	02/16/2012	-	98.31	56.55	-	41.76	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	02/21/2012	-	98.31	56.07	-	42.24	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	02/28/2012	-	98.31	55.26	-	43.05	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	03/05/2012	-	98.31	57.43	-	40.88	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	03/23/2012	-	98.31	54.88	-	43.43	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	03/28/2012	-	98.31	54.90	-	43.41	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	04/03/2012	LF (127)	98.31	NR	-	-	<1	<1	<1	<2	<5	664 QK	3.84	<1	10.9	373	261	<100
MW-18D	04/04/2012	-	98.31	54.94	132.09	43.37	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	04/11/2012	-	98.31	67.52	-	30.79	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	04/26/2012	-	98.31	62.54	-	35.77	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	04/30/2012	-	98.31	61.57	-	36.74	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	05/07/2012	-	98.31	60.50	-	37.81	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	05/15/2012	-	98.31	59.77	-	38.54	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	05/21/2012	-	98.31	59.10	-	39.21	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	05/24/2012	-	98.31	58.28	-	40.03	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	05/29/2012	-	98.31	57.34	-	40.97	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	06/04/2012	-	98.31	55.75	-	42.56	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	06/13/2012	-	98.31	55.35	132.20	42.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	06/15/2012	LF (125)	98.31	54.27	-	44.04	<2	<2	<2	<4	<10	386 QK	2.88	<2	8.08	289	<159	141
MW-18D	06/18/2012	LF (125)	98.31	70.05	-	28.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	06/28/2012	-	98.31	64.30	-	34.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	07/06/2012	-	98.31	61.37	-	36.94	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	07/09/2012	-	98.31	60.05	-	38.26	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	07/11/2012	-	98.31	59.30	-	39.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	07/16/2012	-	98.31	90.40	-	7.91	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	07/18/2012	LF(125)	98.31	87.45	-	10.86	<2	<2	<2	<4	<10	295	<2	<2	6.46	243	<150	<100
MW-18D	07/23/2012	-	98.31	92.55	-	5.76	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	08/09/2012	LF (125)	98.31	71.68	-	26.63	<2	<2	<2	<4	<10	525 VH	<2	<2	9.84	136	-	-
MW-18D	09/05/2012	-	98.31	63.55	-	34.76	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	10/03/2012	-	98.31	57.30	-	41.01	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	10/08/2012	LF (125)	98.31	57.11	-	41.20	<1	<1	<1	<2	<5	162 QK	<1	<1	1.82	56.7	<150	<100
MW-18D	01/14/2013	-	98.31	53.35	-	44.96	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	01/17/2013	LF (125)	98.31	52.68	-	45.63	<2	<2	<2	<4	<10	337	3.32	<2	6.26	188	<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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-18D	04/22/2013	-	98.31	54.33	-	43.98	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	04/25/2013	LF (125)	98.31	54.45	-	43.86	<1	<1	<1	<2	<5	159	1.65	<1	3.14	82.3	<150	225
MW-18D	07/22/2013	-	98.31	60.31	-	38.00	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	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	2.70	70.0	163	225
MW-18D	10/21/2013	-	98.31	59.00	-	39.31	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	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	2.78	58.7	<153	170
MW-18D	01/09/2014	-	98.31	56.18	-	42.13	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	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	<2.00	<10.0	<152	<100
MW-18D	04/14/2014	-	98.31	48.88	-	49.43	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	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	<2.00	<10.0	<150	<100
MW-18D	07/28/2014	-	98.31	62.40	-	35.91	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	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	<1.00	<5.00	<154	<100
MW-18D	11/17/2014	-	98.31	67.02	-	31.29	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	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	<1.00	<5.00	-	<100
MW-18D	01/27/2015	-	98.31	9.32	-	88.99	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	01/28/2015	LF (125)	98.31	14.07	-	84.24	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<4.0	-	<20
MW-18D	04/21/2015	-	98.31	53.52	-	44.79	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	04/22/2015	LF (125)	98.31	53.51	-	44.80	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<0.1	<0.1	<0.1	<4.0	-	<20
MW-18D	08/24/2015	-	98.31	60.41	-	37.90	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	08/27/2015	LF (125)	98.31	60.26	-	38.05	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4	-	<20
MW-18D	10/26/2015	-	98.31	62.79	-	35.52	-	-	-	-	-	-	-	-	-	-	-	-
MW-18D	10/28/2015	LF (125)	98.31	62.57	-	35.74	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.1	<0.1	<0.1	<4	-	<20
RINSATE	08/09/2012	-	-	-	-	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	-	-
RINSATE	10/03/2012	-	-	-	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	-	-
RINSATE	01/16/2013	-	-	-	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	-	<100
SV-1	03/09/2011	-	NR	28.80	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	05/10/2011	-	NR	28.78	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	07/12/2011	-	NR	28.78	28.86	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	10/18/2011	-	NR	28.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	01/13/2012	-	NR	28.77	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	04/03/2012	-	NR	28.80	38.90	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	07/16/2012	-	NR	28.78	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	10/03/2012	-	NR	28.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	01/14/2013	-	NR	DRY	28.90	-	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
SV-1	04/22/2013	-	NR	28.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	07/22/2013	-	NR	28.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	10/21/2013	-	NR	28.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	01/09/2014	-	NR	28.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	04/14/2014	-	NR	28.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	07/28/2014	-	NR	28.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	11/17/2014	-	NR	28.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	04/21/2015	-	NR	28.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	08/24/2015	-	NR	28.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-1	10/26/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	03/09/2011	-	NR	33.25	33.52	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	05/10/2011	-	NR	33.27	33.52	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	07/12/2011	-	NR	33.28	33.68	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	10/18/2011	-	NR	33.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	01/13/2012	-	NR	33.28	33.69	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	04/03/2012	-	NR	33.30	33.74	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	07/16/2012	-	NR	33.27	33.69	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	10/03/2012	-	NR	33.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	01/14/2013	-	NR	33.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	04/22/2013	-	NR	33.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	07/22/2013	-	NR	33.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	10/21/2013	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	01/09/2014	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	04/14/2014	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	07/28/2014	-	NR	33.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	11/17/2014	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	04/21/2015	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	08/24/2015	-	NR	33.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	10/26/2015	-	NR	33.34	33.7	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
TF-3	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	12/01/2010	-	NR	NR	14.31	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	03/09/2011	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	05/10/2011	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	07/12/2011	-	NR	DRY	14.32	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	01/13/2012	-	NR	DRY	14.31	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	04/03/2012	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	07/16/2012	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	10/03/2012	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	01/14/2013	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	04/22/2013	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	07/22/2013	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	10/21/2013	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	01/09/2014	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	04/14/2014	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	07/28/2014	-	NR	DRY	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	04/21/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	08/24/2015	-	NR	14.30	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	10/26/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	12/01/2010	-	NR	NR	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	03/09/2011	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
TF-4	05/10/2011	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	07/12/2011	-	NR	DRY	14.06	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	01/13/2012	-	NR	DRY	13.95	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	04/03/2012	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	07/16/2012	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	10/03/2012	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	01/14/2013	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	04/22/2013	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	07/22/2013	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	10/21/2013	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	01/09/2014	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	04/14/2014	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	07/28/2014	-	NR	DRY	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	04/21/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	08/24/2015	-	NR	DRY	14	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	10/26/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	12/01/2010	-	NR	NR	14.22	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	03/09/2011	-	NR	DRY	14.21	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	05/10/2011	-	NR	14.21	14.24	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	07/12/2011	-	NR	14.23	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	01/13/2012	-	NR	14.13	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	04/03/2012	-	NR	14.25	14.37	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	07/16/2012	-	NR	14.27	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	10/03/2012	-	NR	14.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
TF-5	01/14/2013	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	04/22/2013	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	07/22/2013	-	NR	DRY	14.30	-	-	-	-		-	-	-	-	-	-	-	-
TF-5	10/21/2013	-	NR	DRY	14.30	-	-	-	-		-	-	-	-	-	-	-	-
TF-5	01/09/2014	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	04/14/2014	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	07/28/2014	-	NR	DRY	14.30	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	04/21/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	08/24/2015	-	NR	14.30	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-5	10/26/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	12/01/2010	-	NR	NR	13.60	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	03/09/2011	-	NR	DRY	13.58	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	05/10/2011	-	NR	DRY	13.58	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	07/12/2011	-	NR	DRY	13.58	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	01/13/2012	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	04/03/2012	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	07/16/2012	-	NR	DRY	13.69	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	10/03/2012	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	01/14/2013	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	04/22/2013	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	07/22/2013	-	NR	DRY	13.59	-	-	-	-		-	-	-	-	-	-	-	-
TF-6	10/21/2013	-	NR	DRY	13.59	-	-	-	-		-	-	-	-	-	-	-	-
TF-6	01/09/2014	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	04/14/2014	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
TF-6	07/28/2014	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	04/21/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	08/24/2015	-	NR	13.50	13.55	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	10/26/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	12/01/2010	-	NR	NR	12.11	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	03/09/2011	-	NR	DRY	12.11	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	05/10/2011	-	NR	DRY	12.11	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	07/12/2011	-	NR	DRY	12.14	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	01/13/2012	-	NR	DRY	12.12	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	04/03/2012	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	07/16/2012	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	10/03/2012	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	01/14/2013	-	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	04/22/2013	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	07/22/2013	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	10/21/2013	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	01/09/2014	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	04/14/2014	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	07/28/2014	-	NR	DRY	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	11/17/2014	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	04/21/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	08/24/2015	-	NR	DRY	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-7	10/26/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
TF-8	01/30/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	04/09/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	07/23/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	10/01/2009	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	01/15/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	04/13/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	07/19/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	12/01/2010	-	NR	11.26	11.55	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	12/08/2010	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	03/09/2011	-	NR	11.28	11.55	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	05/10/2011	-	NR	11.30	11.55	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	07/12/2011	-	NR	11.31	11.58	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	01/13/2012	-	NR	11.33	11.57	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	04/03/2012	-	NR	11.35	11.58	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	07/16/2012	-	NR	11.35	11.56	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	10/03/2012	-	NR	11.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	01/14/2013	-	NR	11.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	04/22/2013	-	NR	11.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	07/22/2013	-	NR	11.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	10/21/2013	-	NR	11.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	01/09/2014	-	NR	11.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	04/14/2014	-	NR	11.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	07/28/2014	-	NR	11.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	11/17/2014	-	NR	11.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	04/21/2015	-	NR	11.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	08/24/2015	-	NR	11.36	11.58	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-8	10/26/2015	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	03/09/2011	-	98.40	DRY	28.70	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	05/10/2011	-	98.40	DRY	28.70	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	07/12/2011	-	98.40	DRY	28.65	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	01/13/2012	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	04/03/2012	-	98.40	23.07	28.40	75.33	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	07/16/2012	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	10/03/2012	-	98.40	DRY	28.30	-	-	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
VE-1	04/22/2013	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	07/22/2013	-	98.40	DRY	28.35	-	-	-	-		-	-	-	-	-	-	-	-
VE-1	10/21/2013	-	98.40	DRY	28.35	-	-	-	-		-	-	-	-	-	-	-	-
VE-1	01/09/2014	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	04/14/2014	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	07/28/2014	-	98.40	DRY	28.35	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	04/21/2015	-	98.4	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	08/24/2015	-	98.4	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VE-1	10/26/2015	-	98.4	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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.

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 Total Xylene. Total BTEX is a sum of detected concentrations of these chemicals, including estimated concentrations (identified with a "J").
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.
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.
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- METALS 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)
GW Clean-up Standards*			**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**
MW-1	08/08/2012	99.19	<1.0	<1.0	<0.020	351	42.2	1.9	<1.0
MW-1	10/04/2012	99.19	<1.0	<1.0	<0.020	179	106	2.5	1.7
MW-1	01/15/2013	99.19	<1.0	<1.0	<0.020	-	-	3.1	2.5
MW-1	04/24/2013	99.19	<1.0	<1.0	<0.03	-	-	1.8	1.1
MW-1	10/22/2013	99.19	<1.0	<1.0	<0.03	-	-	0.79	1.3
MW-2	08/08/2012	99.47	14.0	<1.0	0.058	13,600	16.2	35.8	<1.0
MW-2	10/04/2012	99.47	21.1	<1.0	0.044	11,800	21.3	27.0	<1.0
MW-2	01/16/2013	99.47	15.0	<1.0	-	-	-	21.0	<1.0
MW-2	01/18/2013	99.47	-	-	0.039	-	-	-	-
MW-2	04/24/2013	99.47	5.3	<1.0	0.031	-	-	15.0	<0.5
MW-2	10/22/2013	99.47	<10.0	3.5	0.064	-	-	21.0	<0.5
MW-4	08/08/2012	97.84	3.7	<1.0	0.096	3,290	4.6	2.0	<1.0
MW-4	10/03/2012	97.84	1.9	<1.0	0.048	2,870	9.5	1.3	<1.0
MW-4	01/16/2013	97.84	<1.0	<1.0	-	-	-	<1.0	<1.0
MW-4	01/18/2013	97.84	-	-	0.052	-	-	-	-
MW-4	04/24/2013	97.84	4.0	<1.0	0.049	-	-	2.0	<0.5
MW-4	10/22/2013	97.84	1.7	<1.0	0.058	-	-	0.82	<0.5
MW-5	08/08/2012	99.60	<1.0	<1.0	0.044	351	8.8	<1.0	<1.0
MW-5	10/04/2012	99.60	<1.0	<1.0	<0.020	479	13.4	2.3	1.9
MW-5	01/15/2013	99.60	<1.0	<1.0	-	-	-	4.1	3.5
MW-5	01/25/2013	99.60	-	-	<0.020	-	-	-	-
MW-5	04/24/2013	99.60	<1.0	<1.0	<0.03	-	-	1.6	1.4
MW-5	10/22/2013	99.60	<5.0	<1.0	<0.03	-	-	<2.5	2.8
MW-6	08/08/2012	98.09	55.9	<1.0	0.191	76,800	2.0	99.1	<1.0
MW-6	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
MW-7 (DUP)	10/24/2013	-	8.7	2.8	0.69	-	-	0.72	0.54
MW-7	11/23/2010	97.66	14.6	-	-	15,000 B3 L12	<20	-	-
MW-7	07/13/2011	97.66	<1	-	-	<20	<20	-	-
MW-7	09/27/2011	97.66	1.14 B3	-	-	76.6	<20	-	-
MW-7	10/18/2011	97.66	<1	-	-	56.7 D1 L12	<20	-	-
MW-7	11/16/2011	97.66	<1	-	-	24.1	<20	-	-
MW-7	04/03/2012	97.66	<1	-	-	206.000	<20	-	-
MW-7	06/13/2012	97.66	<1	-	-	24.5	<20	-	-
MW-7	07/17/2012	97.66	1.43	-	-	2,930.00	<20	-	-
MW-7	08/09/2012	97.66	<1.0	<1.0	0.148	313	12.3	<1.0	<1.0
MW-7	10/08/2012	97.66	<1.0	<1.0	0.269	29.9	1.2	<1.0	<1.0

Table 2

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- METALS 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)
GW Clean-up Standards*			**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**
MW-7	01/17/2013	97.66	4.0	<1.0	0.507	-	-	4.6	<1.0
MW-7	10/24/2013	97.66	1.3	<1.0	0.69	-	-	1.0	0.55
MW-7	11/20/2014	97.66	<1.0	1.2	0.65	-	-	<0.5	<0.5
MW-7	04/22/2015	97.66	1	<1.0	0.75	-	-	<0.5	<0.5
MW-8	11/23/2010	97.93	125.000	-	-	33,700.0 B3 L12	<20	-	-
MW-8	04/03/2012	97.93	<1	-	-	107.000	<20	-	-
MW-8	06/13/2012	97.93	<1	-	-	155.000	45.7 LA	-	-
MW-8	07/17/2012	97.93	<1	-	-	153.000	<20	-	-
MW-8	08/08/2012	97.93	<1.0	<1.0	<0.020	80.8	7.7	1.7	1.7
MW-8	10/08/2012	97.93	<1.0	<1.0	<0.020	49.5	5.8	1.8	1.7
MW-8	01/15/2013	97.93	<1.0	<1.0	-	-	-	2.1	1.6
MW-8	01/25/2013	97.93	-	-	<0.020	-	-	-	-
MW-8	04/24/2013	97.93	<1.0	<1.0	<0.03	-	-	1.5	1.5
MW-8	10/23/2013	97.93	<1.0	<1.0	0.03	-	-	0.6	<0.5
MW-9	08/06/2012	88.48	<1.0	<1.0	0.034	33.7	9.1	<1.0	<1.0
MW-9	10/03/2012	88.48	<1.0	<1.0	<0.020	26.6	6.7	<1.0	1.0
MW-9	01/16/2013	88.48	<1.0	<1.0	-	-	-	2.0	1.9
MW-9	01/28/2013	88.48	-	-	<0.020	-	-	-	-
MW-9	04/23/2013	88.48	<1.0	<1.0	<0.030	-	-	0.7	0.63
MW-9	10/21/2013	88.48	7.3	4.1	<0.030 H1	-	-	3.4	3.7
MW-10	11/23/2010	91.64	<1	-	-	55.9 B3 L12	<20	-	-
MW-10	04/04/2012	91.64	1.58	-	-	110.00	<20	-	-
MW-10	06/14/2012	91.64	2.83	-	-	2,860.00	393.000 LA	-	-
MW-10	07/16/2012	91.64	1.06	-	-	531.000	<20	-	-
MW-10	08/07/2012	91.64	<1.0	<1.0	<0.020	136	10.2	<1.0	<1.0
MW-10	10/03/2012	91.64	<1.0	<1.0	<0.020	299	5.5	1.4	1.0
MW-10	01/14/2013	91.64	2.8	<1.0	<0.020	-	-	3.6	1.0
MW-10	04/23/2013	91.64	<1.0	<1.0	<0.030	-	-	0.83	0.88
MW-10	10/21/2013	91.64	12	4.3	<0.030	-	-	2.5	2.6
MW-11	08/08/2012	94.28	<1.0	<1.0	0.044	132	6.9	<1.0	<1.0
MW-11	10/04/2012	94.28	1.9	<1.0	0.026	2,450	59.5	1.4	<1.0
MW-11	01/15/2013	94.28	<1.0	<1.0	0.025	-	-	<1.0	<1.0
MW-11	04/23/2013	94.28	<1.0 M1	<1.0	<0.030	-	-	<0.5	<0.5 M1
MW-11	10/22/2013	94.28	2.0	1.9	<0.030	-	-	3.3	<0.5
MW-12	08/08/2012	95.33	<1.0	<1.0	0.084	116	119	1.4	1.3
MW-12	10/04/2012	95.33	<1.0	<1.0	0.068	49.1	10.0	1.3	1.2
MW-12	01/15/2013	95.33	<1.0	<1.0	0.057	-	-	1.9	1.4

Table 2

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- METALS 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)
GW Clean-up Standards*			**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**
MW-12	04/24/2013	95.33	<1.0	<1.0	0.066	-	-	0.52	<0.5
MW-12	10/22/2013	95.33	4.8	2.7	0.084	-	-	0.97	0.83
MW-13	11/23/2010	98.11	<1	-	-	26.6 B3 L12	<20	-	-
MW-13	09/27/2011	98.11	2.49 B3	-	-	196.000	<20	-	-
MW-13	10/18/2011	98.11	2.91 L12	-	-	377.000 L12	<20	-	-
MW-13	11/16/2011	98.11	3.13	-	<20	136.000	<20	-	-
MW-13	01/12/2012	98.11	-	-	<20	-	-	-	-
MW-13	04/03/2012	98.11	2.98	-	<20	310.00	<20	-	-
MW-13	06/13/2012	98.11	2.41	-	<20	57.000	<20	-	-
MW-13	07/17/2012	98.11	<1	-	<20	22.3	<20	-	-
MW-13	08/08/2012	98.11	<1.0	<1.0	0.596	242	9.3	<1.0	<1.0
MW-13	10/08/2012	98.11	<1.0	<1.0	0.297	27.4	41.6	1.2	1.1
MW-13	01/16/2013	98.11	<1.0	<1.0	0.131	-	-	1.4	1.5
MW-13	04/25/2013	98.11	<1.0	<1.0	0.11	-	-	1.2	1.2
MW-13	10/23/2013	98.11	9.2	2.9	0.06	-	-	1.5	1.5
MW-13	11/20/2014	98.11	<1.0	<1.0	0.17	-	-	<0.5	<0.5
MW-13	04/22/2015	98.11	<5.0	<1.0	0.095	-	-	<2.5	<0.5
MW-14D	11/23/2010	92.07	8.68	-	-	279.000 B3 L12	<20	-	-
MW-14D	07/14/2011	92.07	1.39 L12	-	-	171.000	<20	-	-
MW-14D	09/27/2011	92.07	1.04 B3	-	-	68.6	<20	-	-
MW-14D	10/19/2011	92.07	<1	-	-	92.2 L12	<20	-	-
MW-14D	11/15/2011	92.07	1.48	-	-	67.6	<20	-	-
MW-14D	04/05/2012	92.07	1.17	-	-	74.8	<20	-	-
MW-14D	06/14/2012	92.07	<1	-	-	128.000	<20	-	-
MW-14D	07/18/2012	92.07	<1	-	-	144.000	<20	-	-
MW-14D	08/07/2012	92.07	<1.0	<1.0	<0.020	78.2	33.4	<1.0	<1.0
MW-14D	10/08/2012	92.07	<1.0	<1.0	<0.020	13.6	<1.0	<1.0	<1.0
MW-14D	01/18/2013	92.07	<1	<1	<0.020	-	-	<1	<1
MW-14D	04/23/2013	92.07	<1.0	<1.0	<0.030	-	-	<0.5	<0.5
MW-14D	10/24/2013	92.07	2.3	1.6	<0.030	-	-	<0.5	<0.5
MW-14S	11/23/2010	91.21	2.65	-	-	572.000 B3 L12	<20	-	-
MW-14S	07/14/2011	91.21	<1	-	-	415.000	<20	-	-
MW-14S	09/27/2011	91.21	<1	-	-	94.9	<20	-	-
MW-14S	10/19/2011	91.21	<1	-	-	533.000 L12	52.7 L12	-	-
MW-14S	11/15/2011	91.21	<1	-	-	74.4	<20	-	-
MW-14S	04/05/2012	91.21	1.92	-	-	675.000	<20	-	-
MW-14S	06/14/2012	91.21	<1	-	-	1,170.00	<20	-	-

Table 2

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- METALS 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)
GW Clean-up Standards*			**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**
MW-14S	07/16/2012	91.21	<1	-	-	2,200.0	<20	-	-
MW-14S	08/07/2012	91.21	<1.0	<1.0	0.022	225	7.8	1.1	<1.0
MW-14S	10/03/2012	91.21	<1.0	<1.0	<0.020	126	3.4	<1.0	<1.0
MW-14S	01/14/2013	91.21	<1.0	<1.0	-	-	-	1.8	1.6
MW-14S	01/28/2013	91.21	-	-	0.02	-	-	-	-
MW-14S	04/23/2013	91.21	<1.0	<1.0	<0.030	-	-	<0.5	<0.5
MW-14S	10/21/2013	91.21	1.4	<1.0	<0.030	-	-	0.63	0.5
MW-15D	11/23/2010	97.67	1.57	-	-	865.000 B3 L12	43.8	-	-
MW-15D	07/13/2011	97.67	<1	-	-	<20	<20	-	-
MW-15D	09/27/2011	97.67	<1	-	-	82.4	<20	-	-
MW-15D	10/18/2011	97.67	<1	-	-	190.00 L12	<20	-	-
MW-15D	11/16/2011	97.67	1.46	-	-	351.000	<20	-	-
MW-15D	04/03/2012	97.67	1.34	-	-	32.000	<20	-	-
MW-15D	06/13/2012	97.67	<1	-	-	250.00	<20	-	-
MW-15D	07/17/2012	97.67	<1	-	-	102.000	<20	-	-
MW-15D	08/09/2012	97.67	<1.0	<1.0	0.072	292	7.2	<1.0	<1.0
MW-15D	10/08/2012	97.67	<1.0	<1.0	0.043	124	92.2	<1.0	<1.0
MW-15D	01/18/2013	97.67	<1	<1	0.094	-	-	<1	<1
MW-15D	04/25/2013	97.67	<1.0	<1.0	0.11	-	-	<0.5	<0.5
MW-15D	10/24/2013	97.67	4.3	2.5	0.084	-	-	<0.5	<0.5
MW-15D	11/20/2014	97.67	1.2	<1.0	0.045	-	-	1.2	<0.5
MW-15D	04/22/2015	97.67	<1.0	<1.0	0.2	-	-	<0.5	<0.5
MW-16	11/23/2010	89.78	1.11	-	-	964.000 B3 L12	<20	-	-
MW-16	07/14/2011	89.78	<1	-	-	77.8	<20	-	-
MW-16	09/27/2011	89.78	2.56 B3	-	-	141.000	<20	-	-
MW-16	10/19/2011	89.78	<1	-	-	101.000 L12	<20	-	-
MW-16	11/15/2011	89.78	<1	-	-	40.4	<20	-	-
MW-16	01/12/2012	89.78	-	-	<20	-	-	-	-
MW-16	04/04/2012	89.78	1.7	-	<20	87.3	<20	-	-
MW-16	06/14/2012	89.78	<1	-	<20	74.6	<20	-	-
MW-16	07/16/2012	89.78	<1	-	<20	41.8	<20	-	-
MW-16	08/06/2012	89.78	<1.0	<1.0	0.035	24.0	6.0	<1.0	<1.0
MW-16	10/03/2012	89.78	<1.0	<1.0	<0.020	21.1	7.8	1.7	1.7
MW-16	01/14/2013	89.78	<1.0	<1.0	-	-	-	5.0	5.2
MW-16	01/28/2013	89.78	-	-	<0.020	-	-	-	-
MW-16	04/23/2013	89.78	<1.0	<1.0	<0.030	-	-	<0.5	<0.5
MW-16	10/21/2013	89.78	<5.0	<1.0	<0.030	-	-	3.1	1.4

Table 2

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- METALS 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)
GW Clean-up Standards*			**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**
MW-17	11/23/2010	92.84	1.24	-	-	570.00 B3 L12	<20	-	-
MW-17	07/14/2011	92.84	<1	-	-	149.000	<20	-	-
MW-17	09/27/2011	92.84	2.14 B3	-	-	280.00	<20	-	-
MW-17	10/19/2011	92.84	<1	-	-	104.000 L12	<20	-	-
MW-17	11/15/2011	92.84	1.03	-	-	<20	<20	-	-
MW-17	04/04/2012	92.84	1.36	-	-	82.000	<20	-	-
MW-17	06/14/2012	92.84	<1	-	-	264.000	<20	-	-
MW-17	07/31/2012	92.84	-	-	-	41.000	<20	-	-
MW-17	08/07/2012	92.84	<1.0	<1.0	<0.020	20.3	36.1	<1.0	<1.0
MW-17	10/04/2012	92.84	<1.0	<1.0	<0.020	704	90.4	<1.0	<1.0
MW-17	01/14/2013	92.84	<1.0	<1.0	<0.020	-	-	<1.0	<1.0
MW-17	04/23/2013	92.84	<1.0	<1.0	<0.030	-	-	<0.5	<0.5
MW-17	10/24/2013	92.84	<1.0	<1.0	<0.030	-	-	<0.5	<0.5
MW-18D	11/23/2010	98.31	23.6	-	-	15,900.0 B3 L12	33.9	-	-
MW-18D	12/08/2010	98.31	8.5	-	-	4,460.00	<20	-	-
MW-18D	07/13/2011	98.31	6.04	-	-	7,140.00	57.3	-	-
MW-18D	09/27/2011	98.31	4.88 B3 D1	-	-	762.000 D1 MS	73.9 B3	-	-
MW-18D	10/18/2011	98.31	<1	-	-	782.000 L12	26.9 L12	-	-
MW-18D	11/16/2011	98.31	<1	-	-	328.000	20.2	-	-
MW-18D	04/03/2012	98.31	2.69	-	<20	1,630.00	<20	-	-
MW-18D	06/15/2012	98.31	<1	-	<20	1,270.00	<20	-	-
MW-18D	07/18/2012	98.31	<1	-	<20	494.000	<20	-	-
MW-18D	08/09/2012	98.31	11.6	<1.0	<0.020	10,900	42.1	21.7	<1.0
MW-18D	10/08/2012	98.31	2.4	<1.0	<0.020	1,590	169	3.2	<1.0
MW-18D	01/17/2013	98.31	<1.0	<1.0	<0.020	-	-	<1.0	<1.0
MW-18D	04/25/2013	98.31	<1.0	<1.0	<0.03	-	-	<0.5	<0.5
MW-18D	10/23/2013	98.31	5.3	4.4	<0.03	-	-	0.6	<0.5
MW-18D	11/20/2014	98.31	<1.0	<1.0	0.083	-	-	<0.5	<0.5
MW-18D	04/22/2015	98.31	<1.0	<1.0	<0.03	-	-	4.2	<0.5
MW-18S	11/23/2010	98.29	1,590.00	-	-	497,000	340.00	-	-
MW-18S	12/08/2010	98.29	71.6	-	-	23,700.0	359.000	-	-
MW-18S	07/13/2011	98.29	7.25	-	-	680.00	<20	-	-
MW-18S	09/27/2011	98.29	19.1 B3	-	-	315.000	<20	-	-
MW-18S	10/18/2011	98.29	21.3 L12	-	-	635.000 L12	<20	-	-
MW-18S	11/16/2011	98.29	34.5	-	30.00 S3	240.00	<20	-	-
MW-18S	01/12/2012	98.29	-	-	40.00	-	-	-	-
MW-18S	04/03/2012	98.29	60.6	-	30.00	459.000	<20	-	-

Table 2

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- METALS 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)
GW Clean-up Standards*			**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**
MW-18S	06/15/2012	98.29	9.97	-	<20	222.000	<20	-	-
MW-18S	07/17/2012	98.29	17.6	-	40.00	810.00	<20	-	-
MW-18S	08/09/2012	98.29	77.0	58.4	81.2	360	20.6	3.4	2.1
MW-18S	10/08/2012	98.29	11.8	9.6	11.9	300	25.0	12.0	15.1
MW-18S	01/17/2013	98.29	10.2	12.2	12.7	-	-	21.8	18.0
MW-18S	04/25/2013	98.29	16	11.0 Q3	23	-	-	5.4	7.0 Q3
MW-18S	10/23/2013	98.29	52	37	45 H2	-	-	9.7	9.1
MW-18S	12/18/2013	98.29	10	10	9.7	-	-	4	11.0
MW-18S	11/20/2014	98.29	9.6	9.1	9.5	-	-	1.9	1.4
MW-18S	02/12/2015	98.29	24	20	20	-	-	2.9	0.78
MW-18S	04/22/2015	98.29	42	45	44	-	-	3.3	0.98
MW-18S-R	02/12/2015	-	3.9	<1	0.087	-	-	15	<0.5
MW-18S-R	04/22/2015	-	<1.0	<1.0	0.36	-	-	9.5	<0.5

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

<# = 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.
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.

Table 3

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY - MONITORED NATURAL ATTENUATION PARAMETERS

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

Monitoring Well	Date	Nitrate (mg/L)	Ferrous Iron (mg/L)	Sulfate (mg/L)
MW-1	11/17/2014	3.936	-	-
MW-1	02/12/2015	4.1	-	<1.5
MW-1	04/23/2015	2.4	-	-
MW-1	08/25/2015	3.4	-	-
MW-1	10/27/2015	5.4		
MW-2	02/12/2015	3.3	-	1.7 J
MW-2	04/23/2015	2.7	-	-
MW-4	11/17/2014	3.970	-	-
MW-4	02/12/2015	3.5	-	<1.5
MW-4	04/23/2015	5.1	-	-
MW-5	11/17/2014	2.406	-	-
MW-5	02/12/2015	2.5	-	<1.5
MW-5	04/21/2015	2.4	-	-
MW-6	04/23/2015	4.6	-	-
MW-7	11/20/2014	2.648	-	-
MW-7	02/12/2015	2.7	-	1.6 J
MW-7	04/22/2015	2.9	-	-
MW-7	08/26/2015	2.5	-	-
MW-7	10/26/2015	2.7		
MW-8	11/19/2014	2.226	-	-
MW-8	02/12/2015	2.0	-	<1.5
MW-8	04/23/2015	1.9	-	-
MW-8	08/25/2015	2.2	-	-
MW-8	10/27/2015	2.6		
MW-9	11/18/2014	3.370	-	-
MW-9	02/12/2015	2.7	-	<1.5
MW-9	04/21/2015	3.7	-	-
MW-9	08/24/2015	3.7	-	-
MW-9	10/27/2015	3.7		
MW-10	11/18/2014	2.830	-	-
MW-10	02/12/2015	3.0	-	<1.5
MW-10	04/21/2015	3.1	-	-
MW-10	08/26/2015	2.8	-	-
MW-10	10/27/2015	3.1		
MW-11	11/18/2014	2.818	-	-
MW-11	02/12/2015	2.0	-	4.9 J
MW-11	04/21/2015	2.0	-	-
MW-11	08/25/2015	2.1	-	-
MW-11	10/27/2015	2.6		
MW-12	11/19/2014	2.212	-	-
MW-12	02/12/2015	1.9	-	15.7
MW-12	04/23/2015	2.3	-	-
MW-13	11/20/2014	2.676	-	-
MW-13	02/12/2015	3.0	-	2.5 J
MW-13	04/22/2015	3.7	-	-
MW-13	08/25/2015	2.8	-	-
MW-13	10/27/2015	3.4		
MW-14D	11/19/2014	<1.000	-	-

Table 3

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY - MONITORED NATURAL ATTENUATION PARAMETERS

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

Monitoring Well	Date	Nitrate (mg/L)	Ferrous Iron (mg/L)	Sulfate (mg/L)
MW-14D	02/12/2015	<0.25	0.032 J	43.9
MW-14D	04/24/2015	<0.25	0.1	41.1
MW-14D	08/28/2015	<0.25	-	-
MW-14D	10/29/2015	<0.25	0.033 J	36.5
MW-14S	11/18/2014	2.430	<0.500	3.68
MW-14S	02/12/2015	2.8	-	<1.5
MW-14S	04/21/2015	3.2	-	-
MW-14S	08/26/2015	2.8	-	-
MW-14S	10/29/2015	2.6		
MW-15D	11/20/2014	2.280	-	-
MW-15D	2/12/2015`	3.1	-	<1.5
MW-15D	04/22/2015	2.4	-	-
MW-15D	08/27/2015	2.2	-	-
MW-15D	10/28/2015	2.3		
MW-16	11/19/2014	3.184	-	-
MW-16	02/12/2015	4.1	-	2.1 J
MW-16	04/21/2015	3.6	-	-
MW-16	08/24/2015	3.3	-	-
MW-16	10/29/2015	3.2		
MW-17	11/19/2014	2.648	-	-
MW-17	02/12/2015	2.3	-	2.4 J
MW-17	04/24/2015	2.3	-	-
MW-17	08/28/2015	2.6	-	-
MW-17	10/29/2015	2.6		
MW-18D	11/20/2014	<1.000	-	-
MW-18D	02/12/2015	0.47 J	<0.010	13.9
MW-18D	04/22/2015	<0.25	-	-
MW-18D	08/27/2015	<0.25	-	-
MW-18D	10/28/2015	<0.25	<0.01	14
MW-18S	11/20/2014	2.974	-	-
MW-18S	02/12/2015	2.3	-	<1.5
MW-18S	04/22/2015	2.4	-	-
MW-18S	08/27/2015	1.8	-	-
MW-18S	10/28/2015	1.8		
MW-18S-R	02/12/2015	2.8	-	4.2 J
MW-18S-R	04/22/2015	2.9	-	-
MW-18S-R	08/27/2015	3.4	-	-
MW-18S-R	10/29/2015	4		

* No GW Clean-up Standards for Nitrate, Ferrous Iron, and Sulfate from the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers.

<# = Less than the method detection limit of #
- = Not Available or Not Analyzed for that specific compound
mg/L = Milligrams per liter
J = Estimated value

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-1	3/9/2011	15.08	193	4.37	4.62	267.1	-	-	-	-	-
MW-1	5/10/2011	19.01	447	5.92	4.54	253.2	-	-	-	-	-
MW-1	1/12/2012	15.54	443	8.59	4.81	385.4	-	-	-	-	-
MW-1	2/16/2012	13.42	508	7.01	4.79	315.8	-	-	23.1	0.0	0.00
MW-1	4/3/2012	15.70	528	7.41	5.35	187.7	-	-	-	-	-
MW-1	7/16/2012	17.55	514	8.19	5.15	287.9	-	-	-	-	-
MW-1	8/8/2012	12.61	598	10.11	9.45	-108.5	-	-	-	-	-
MW-1	9/5/2012	15.54	503	6.22	5.55	233.7	-	-	-	-	-
MW-1	10/4/2012	16.57	545	6.30	5.07	227.0	-	-	-	-	-
MW-1	1/15/2013	15.74	486	7.78	5.07	322.9	-	-	-	-	-
MW-1	4/24/2013	16.50	572	11.49	4.98	261.0	-	-	-	-	-
MW-1	7/24/2013	16.15	691	8.31	4.85	299.2	-	-	-	-	-
MW-1	10/22/2013	15.84	621	9.59	5.08	248.0	-	-	-	-	-
MW-1	1/13/2014	15.65	742	8.97	5.15	315.1	-	-	-	-	-
MW-1	4/15/2014	16.31	833	9.07	5.01	151.2	-	-	-	-	-
MW-1	7/31/2014	17.18	805	9.03	5.30	158.2	-	-	-	-	-
MW-1	11/17/2014	14.03	833	1.88	5.38	295.5	-	-	-	-	-
MW-1	1/27/2015	15.36	454	7.27	5.12	136.3	-	-	-	0	-
MW-1	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-1	4/23/2015	15.56	821	7.60	5.00	156.6	-	-	-	-	-
MW-1	8/24/2015	-	-	-	-	-	-	-	-	0.7	-
MW-1	8/25/2015	18.53	630	7.35	4.85	218.7	-	-	-	-	-
MW-1	10/27/2015	15.93	596	5.54	4.94	-38.2	-	-	-	-	-
MW-2	3/9/2011	15.50	1,104	5.81	5.0	230.5	-	-	-	-	-
MW-2	1/11/2012	15.67	795	6.80	4.96	259.4	-	-	-	-	-
MW-2	2/16/2012	13.47	824	6.80	4.74	321.4	-	-	16.3	0.0	0.00
MW-2	4/3/2012	15.78	862	7.07	4.83	283.8	-	-	-	-	-
MW-2	7/16/2012	16.60	903	7.25	5.12	260.1	-	-	-	-	-
MW-2	8/8/2012	16.15	831	7.02	5.23	244.3	-	-	-	-	-
MW-2	9/5/2012	15.59	901	6.56	5.24	228.1	-	-	-	-	-
MW-2	4/24/2013	16.77	674	10.30	4.91	261.0	-	-	-	-	-
MW-2	7/23/2013	16.28	929	6.65	4.8	289.8	-	-	-	-	-
MW-2	10/22/2013	15.89	1,120	8.81	4.46	247.6	-	-	-	-	-
MW-2	1/15/2014	15.64	1,452	5.37	4.96	290.2	-	-	-	-	-
MW-2	4/15/2014	15.82	1,065	8.48	4.92	239.9	-	-	-	-	-
MW-2	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-2	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-2	4/23/2015	15.20	962	6.71	4.88	190.0	-	-	-	-	-
MW-2	8/24/2015	-	-	-	-	-	-	-	-	2	-
MW-2	10/26/2015	16.10	-	7.09	5.66	122.1	-	-	-	-	-
MW-4	3/9/2011	14.92	545	6.58	4.4	237.9	-	-	-	-	-
MW-4	1/11/2012	14.91	475	7.47	4.82	260.8	-	-	-	-	-
MW-4	2/16/2012	13.05	642	7.17	4.82	314.4	-	-	17.0	0.0	0.00
MW-4	4/3/2012	15.46	672	5.20	5.03	282.3	-	-	-	-	-
MW-4	7/16/2012	16.77	660	4.86	6.70	258.4	-	-	-	-	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-4	8/8/2012	16.22	640	7.81	5.37	224.9	-	-	-	-	-
MW-4	9/5/2012	15.69	628	7.18	5.26	208.5	-	-	-	-	-
MW-4	4/24/2013	17.31	590	10.86	4.98	241.6	-	-	-	-	-
MW-4	7/23/2013	16.22	822	6.83	5.1	279.2	-	-	-	-	-
MW-4	10/22/2013	15.29	805	8.98	4.94	253.2	-	-	-	-	-
MW-4	1/15/2014	15.49	873	5.22	4.92	247.9	-	-	-	-	-
MW-4	4/15/2014	15.54	721	8.81	4.75	208.7	-	-	-	-	-
MW-4	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-4	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-4	4/23/2015	15.13	998	7.58	4.63	158.4	-	-	-	-	-
MW-4	8/24/2015	-	-	-	-	-	-	-	-	1.5	-
MW-5	3/9/2011	16.84	1,320	6.91	4.43	271.0	-	-	-	-	-
MW-5	5/10/2011	19.89	1,296	7.89	4.25	298.6	-	-	-	-	-
MW-5	1/12/2012	15.90	687	6.59	4.86	300.6	-	-	-	-	-
MW-5	2/16/2012	13.72	668	5.62	4.73	313.4	-	-	17.4	0.0	0.00
MW-5	4/3/2012	13.50	1,016	4.80	4.94	255.6	-	-	-	-	-
MW-5	7/16/2012	16.33	782	7.27	4.92	187.5	-	-	-	-	-
MW-5	8/8/2012	13.50	1,117	8.83	10.01	-117.2	-	-	-	-	-
MW-5	9/5/2012	15.57	875	7.05	5.18	232.1	-	-	-	-	-
MW-5	10/4/2012	15.85	1,123	6.04	4.86	198.9	-	-	-	-	-
MW-5	1/15/2013	15.40	748	6.82	5.06	303.2	-	-	-	-	-
MW-5	4/24/2013	16.23	0.680	9.40	4.89	260.8	-	-	-	-	-
MW-5	7/24/2013	15.15	1,072	6.95	4.71	289.8	-	-	-	-	-
MW-5	10/22/2013	15.64	1,074	8.93	4.99	247.6	-	-	-	-	-
MW-5	1/13/2014	16.12	1,232	8.49	4.97	342.0	-	-	-	-	-
MW-5	4/15/2014	16.67	1,198	8.30	4.92	123.0	-	-	-	-	-
MW-5	7/30/2014	17.15	988	8.78	5.10	170.6	-	-	-	-	-
MW-5	11/17/2014	14.25	1,162	4.51	5.14	235.1	-	-	-	-	-
MW-5	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-5	1/29/2015	15.36	1,164	7.75	4.97	195.4	-	-	-	-	-
MW-5	4/21/2015	16.24	961	6.75	4.75	151.5	-	-	-	0	-
MW-5	8/24/2015	-	-	-	-	-	-	-	-	0	-
MW-6	1/11/2012	14.04	140	7.12	5.06	243.2	-	-	-	-	-
MW-6	2/16/2012	12.22	159	6.95	5.61	294.8	-	-	16.0	0.0	0.00
MW-6	4/3/2012	14.95	163	7.28	4.94	271.5	-	-	-	-	-
MW-6	7/16/2012	15.40	152	5.55	5.45	208.3	-	-	-	-	-
MW-6	8/8/2012	16.05	158	7.26	5.92	187.7	-	-	-	-	-
MW-6	9/5/2012	14.90	145	6.20	5.34	232.1	-	-	-	-	-
MW-6	10/3/2012	15.50	100	6.60	4.81	-77.6	-	-	-	-	-
MW-6	1/18/2013	14.39	119	7.40	6.62	204.2	-	-	-	-	-
MW-6	4/25/2013	15.80	198	5.38	5.06	133.8	-	-	-	-	-
MW-6	4/16/2014	14.75	297	5.05	4.94	210.4	-	-	-	-	-
MW-6	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-6	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-6	4/23/2015	15.11	440	6.70	4.75	132.4	-	-	-	-	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-6	8/24/2015	-	-	-	-	-	-	-	-	0	-
MW-7	11/30/2010	15.3	-	0.7	5.6	-50.0	-	-	-	7.6	-
MW-7	12/1/2010	14.73	11	3.37	6.25	220.1	-	-	-	2.8	-
MW-7	3/10/2011	14.71	440	1.96	5.04	283.7	-	-	-	-	-
MW-7	5/11/2011	17.78	430	2.47	4.89	238.1	-	-	-	-	-
MW-7	7/13/2011	22.39	570	1.28	4.92	315.8	-	-	-	-	-
MW-7	9/14/2011	-	361	2.14	5.56	38.8	0	0.0	14.6	0.0	2.50
MW-7	9/20/2011	-	-	-	-	-	0	0.0	-	0.0	0.00
MW-7	9/21/2011	-	-	-	-	-	0	0.0	-	0.0	-
MW-7	9/23/2011	15.93	366	1.71	5.29	208.8	0	0.0	16.1	0.0	0.00
MW-7	9/27/2011	15.95	400	15.5	5.26	105.9	0	0.0	-	0.0	-
MW-7	10/14/2011	17.41	491	1.45	5.26	142.8	0	0.0	-	0.0	0.00
MW-7	10/27/2011	17.74	392	3.47	5.31	287.6	0	0.0	-	0.0	1.70
MW-7	11/8/2011	17.02	405	3.43	5.34	293.0	0	0.0	20.9	0.0	0.00
MW-7	11/16/2011	15.57	409	5.90	5.36	302.9	0	0.0	20.4	20.0	0.52
MW-7	12/8/2011	17.00	457	4.74	7.85	154.0	-	-	-	-	-
MW-7	1/11/2012	15.31	462	2.04	5.51	322.8	-	-	-	-	-
MW-7	2/16/2012	13.09	505	1.06	5.31	177.3	-	-	20.9	0.0	0.00
MW-7	2/21/2012	12.98	502	0.73	5.35	201.5	-	0	20.9	0	0.00
MW-7	2/28/2012	12.87	499	3.31	5.20	-	-	0.00	20.9	0.0	0.00
MW-7	3/5/2012	12.70	472	2.84	5.09	282.4	-	0.0	20.9	0.0	0.00
MW-7	3/28/2012	13.56	480	1.17	-	223.7	-	0.0	21.6	0.0	0.00
MW-7	4/3/2012	14.81	4	11.86	4.28	370.6	-	0.00	21.5	0.0	0.00
MW-7	4/26/2012	12.96	491	1.19	5.19	346.8	-	0	21.9	0.4	0.00
MW-7	5/7/2012	15.54	480	1.21	5.31	241.4	-	0.00	22.0	0.0	0.00
MW-7	5/21/2012	15.26	471	0.72	5.64	245.4	-	0.0	21.3	0.0	0.00
MW-7	5/24/2012	15.71	582	3.56	-	-	-	-	-	-	-
MW-7	6/4/2012	15.57	458	4.45	5.58	246.2	-	0.0	21.4	0.0	0.00
MW-7	6/13/2012	15.5	426	3.87	5.64	325.4	-	-	-	-	-
MW-7	6/18/2012	15.46	440	4.27	5.60	227.4	-	0	22.3	0	0
MW-7	7/6/2012	15.63	452	3.96	5.72	177.6	-	-	23.8	0.9	-
MW-7	7/17/2012	15.50	414	0.01	5.68	123.5	-	-	-	-	-
MW-7	7/18/2012	-	-	-	-	-	-	0	21.3	0.4	0
MW-7	8/9/2012	12.01	573	5.40	13.19	-122.7	-	-	-	-	-
MW-7	9/5/2012	14.89	457	4.66	5.94	189.1	-	-	-	-	-
MW-7	10/8/2012	15.16	606	3.36	5.42	251.6	-	-	-	-	-
MW-7	1/17/2013	14.63	562	4.92	5.57	270.1	-	-	-	-	-
MW-7	4/25/2013	15.17	577	5.71	5.33	241.5	-	-	-	-	-
MW-7	7/25/2013	-	704	5.06	5.35	219.6	-	-	-	-	-
MW-7	10/24/2013	15.01	618	6.71	5.58	258.4	-	-	-	-	-
MW-7	1/14/2014	15.29	825	4.89	5.45	310.7	-	-	-	-	-
MW-7	4/16/2014	15.30	681	5.28	5.43	145.6	-	-	-	-	-
MW-7	7/31/2014	17.47	848	6.33	5.28	174.3	-	-	-	-	-
MW-7	11/20/2014	13.86	789	5.35	5.48	242.9	-	-	-	-	-
MW-7	2/12/2015	15.17	796	5.42	5.88	189.1	-	-	-	-	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-7	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-7	4/22/2015	15.83	866	4.72	5.14	128.4	-	-	-	-	-
MW-7	8/24/2015	-	-	-	-	-	-	-	-	0.6	-
MW-7	8/26/2015	17.05	832	6.48	5.21	230.0	-	-	-	-	-
MW-7	10/26/2015	16.06	769	5.81	5.23	-49.7	-	-	-	-	-
MW-8	3/11/2011	15.52	317	12.49	4.73	270.4	-	-	-	-	-
MW-8	5/11/2011	18.12	177	7.98	4.77	264.0	-	-	-	-	-
MW-8	7/13/2011	21.60	276	5.37	3.31	438.7	-	-	-	-	-
MW-8	9/14/2011	-	116	5.94	4.92	439.6	0	0.0	18.5	0.0	0.02
MW-8	9/23/2011	16.37	105	8.37	6.35	145.8	0	0.0	20	0.0	0.00
MW-8	9/27/2011	16.12	415	6.30	6.45	203.1	0	0.0	-	0.0	0.01
MW-8	10/14/2011	17.88	90	11.92	5.08	155.6	0	0.0	24.3	0.0	0.10
MW-8	10/27/2011	17.94	57	12.32	5.38	294.6	0	0.0	25.0	0.0	0.02
MW-8	11/8/2011	17.62	84	10.40	5.32	343.0	0	0.0	20.9	0.0	0.00
MW-8	11/16/2011	15.90	97	13.57	5.29	313.4	0	0.0	27.1	0.0	0.00
MW-8	12/8/2011	17.50	121	6.89	5.30	223.4	-	-	-	-	-
MW-8	1/11/2012	6.30	114	9.94	6.44	224.9	-	-	-	-	-
MW-8	2/16/2012	13.32	168	9.08	4.88	272.9	-	-	26.5	0.0	0.00
MW-8	2/28/2012	14.10	187	10.20	5.21	-	-	0.00	27.0	0.0	0.02
MW-8	3/28/2012	1420.00	191	12.13	-	250.8	-	0.0	27.2	0.0	0.06
MW-8	4/3/2012	15.77	331	4.29	5.21	249.7	-	0.00	23.3	0.0	0.04
MW-8	4/26/2012	13.54	214	6.85	5.00	360.0	-	0	26.5	1.0	0.00
MW-8	5/7/2012	15.92	243	7.47	5.33	204.0	-	0.00	25.3	0.0	0.06
MW-8	5/21/2012	15.92	373	1.70	5.70	192.8	-	0.0	26.5	0.0	0.04
MW-8	5/24/2012	15.98	454	2.25	-	-	-	-	-	-	-
MW-8	6/4/2012	16.32	206	11.44	5.49	196.2	-	0.0	30.0+	0.0	0.04
MW-8	6/13/2012	15.92	126	21.12	5.70	198.5	-	-	-	-	-
MW-8	6/18/2012	16.17	152	21.58	5.68	225.8	-	0	25.6	0	0.04
MW-8	7/6/2012	16.14	174	19.83	5.65	145.0	-	-	25.9	7.0	-
MW-8	7/17/2012	16.06	451	0.02	5.91	35.2	-	-	-	-	-
MW-8	7/18/2012	-	-	-	-	-	-	0	21.3	0.9	0
MW-8	8/8/2012	18.72	293	10.21	4.70	339.1	-	-	-	-	-
MW-8	9/5/2012	15.42	305	7.04	5.63	199.2	-	-	-	-	-
MW-8	10/8/2012	15.56	294	10.80	5.25	194.4	-	-	-	-	-
MW-8	1/15/2013	15.86	174	13.15	5.08	320.5	-	-	-	-	-
MW-8	4/24/2013	16.28	232	16.38	4.97	241.0	-	-	-	-	-
MW-8	7/24/2013	15.29	320	12.64	4.76	261.3	-	-	-	-	-
MW-8	10/23/2013	15.62	489	5.48	5.88	243.7	-	-	-	-	-
MW-8	1/14/2014	15.77	202	9.52	5.09	333.3	-	-	-	-	-
MW-8	4/15/2014	16.52	221	13.27	5.01	171.0	-	-	-	-	-
MW-8	7/31/2014	17.37	296	10.07	5.64	152.5	-	-	-	-	-
MW-8	11/19/2014	14.72	643	1.65	5.42	250.2	-	-	-	-	-
MW-8	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-8	1/28/2015	15.31	137	9.15	5.26	149.1	-	-	-	-	-
MW-8	4/21/2015	-	-	-	-	-	-	-	-	0	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-8	4/23/2015	15.74	265	8.76	5.12	156.6	-	-	-	-	-
MW-8	8/24/2015	-	-	-	-	-	-	-	-	0.5	-
MW-8	8/25/2015	18.45	310	7.94	4.78	186.3	-	-	-	-	-
MW-8	10/27/2015	16.34	291	5.71	4.90	-39.6	-	-	-	-	-
MW-9	12/8/2010	14.88	532	2.45	4.65	275.0	-	-	-	-	-
MW-9	3/14/2011	14.11	131	6.91	4.67	313.9	-	-	-	-	-
MW-9	5/12/2011	16.94	279	7.62	4.43	298.2	-	-	-	-	-
MW-9	1/11/2012	13.89	91	7.25	8.45	121.5	-	-	-	-	-
MW-9	2/16/2012	12.27	263	6.42	4.80	267.0	-	-	17.4	0.0	0.00
MW-9	4/5/2012	12.17	349	9.00	4.96	255.7	-	-	-	-	-
MW-9	7/17/2012	14.44	447	0.14	4.95	235.0	-	-	-	-	-
MW-9	8/6/2012	16.82	570	5.54	4.52	333.6	-	-	-	-	-
MW-9	9/5/2012	13.99	436	6.42	5.22	251.5	-	-	-	-	-
MW-9	10/3/2012	19.24	41	7.62	6.07	178.8	-	-	-	-	-
MW-9	1/16/2013	14.15	464	6.22	5.09	269.9	-	-	-	-	-
MW-9	4/23/2013	14.37	411	7.27	5.03	128.1	-	-	-	-	-
MW-9	7/22/2013	13.81	615	6.70	4.72	237.8	-	-	-	-	-
MW-9	10/21/2013	14.67	592	6.65	5.56	156.1	-	-	-	-	-
MW-9	1/13/2014	14.36	139	9.02	5.34	302.8	-	-	-	-	-
MW-9	4/14/2014	15.03	630	7.43	4.96	142.0	-	-	-	-	-
MW-9	7/30/2014	15.73	685	7.42	4.97	184.4	-	-	-	-	-
MW-9	11/18/2014	13.18	589	5.77	5.25	229.0	-	-	-	-	-
MW-9	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-9	1/30/2015	13.87	546	8.31	5.22	154.3	-	-	-	-	-
MW-9	4/21/2015	14.72	380	6.84	4.90	173.9	-	-	-	0	-
MW-9	8/24/2015	17.85	696	6.58	4.60	74.3	-	-	-	0.5	-
MW-9	10/27/2015	14.42	800	5.54	4.88	-44.4	-	-	-	-	-
MW-10	11/23/2010	16.13	578	9.13	5.21	349.3	-	-	-	-	-
MW-10	3/14/2011	13.97	355	5.88	4.68	252.1	-	-	-	-	-
MW-10	5/12/2011	20.01	618	3.54	4.63	262.0	-	-	-	-	-
MW-10	7/14/2011	18.12	636	0.86	4.43	327.9	-	-	-	-	-
MW-10	9/15/2011	-	430	1.70	4.63	490.7	0	0.0	17.7	0.0	0.00
MW-10	9/27/2011	14.87	414	3.37	4.70	327.2	-	-	-	-	-
MW-10	10/14/2011	16.17	364	6.34	4.79	322.8	0	0.0	20.3	0.0	0.00
MW-10	10/27/2011	16.46	303	6.77	5.00	284.7	0	0.0	20.1	0.0	0.06
MW-10	11/8/2011	16.22	297	10.12	5.11	365.4	0	0.0	20.9	0.0	0.00
MW-10	11/15/2011	14.14	106	11.63	5.03	309.1	0	0.0	21.3	53.0	0.50
MW-10	12/8/2011	16.02	381	6.77	5.78	223.0	-	-	-	-	-
MW-10	1/11/2012	14.56	63	6.43	5.09	290.5	-	-	-	-	-
MW-10	2/16/2012	12.50	312	5.73	4.76	231.4	-	-	18.5	0.0	0.00
MW-10	2/28/2012	12.52	551	5.08	5.03	-	-	0.00	19.4	0.0	0.00
MW-10	3/28/2012	12.56	90	6.22	-	307.3	-	0.0	18.5	0.0	0.00
MW-10	4/3/2012	-	-	-	-	-	-	0.00	18.5	0.0	0.00
MW-10	4/4/2012	14.62	698	3.51	5.05	272.9	-	-	-	-	-
MW-10	4/26/2012	12.49	95	4.68	4.97	332.4	-	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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-10	5/7/2012	14.74	75	5.26	5.48	456.8	-	0.00	18.5	0.0	0.00
MW-10	5/21/2012	14.46	569	0.56	5.28	507.8	-	0.0	18.1	0.0	0.00
MW-10	6/4/2012	14.48	238	5.44	5.30	359.0	-	0.0	19.4	0.0	0.00
MW-10	6/14/2012	14.53	693	1.51	5.37	201.3	-	-	-	-	-
MW-10	6/18/2012	14.68	467	14.21	5.65	231.7	-	0	20.1	0	0
MW-10	7/6/2012	14.45	525	6.30	5.38	257.8	-	-	20.5	0.0	-
MW-10	7/16/2012	14.60	711	0.24	5.75	93.7	-	-	-	-	-
MW-10	7/18/2012	-	-	-	-	-	-	0	20.9	0	0
MW-10	8/7/2012	11.39	920	4.80	8.16	-85.0	-	-	-	-	-
MW-10	9/5/2012	14.38	577	4.28	5.43	265.7	-	-	-	-	-
MW-10	10/3/2012	14.97	229	6.02	5.07	-140.0	-	-	-	-	-
MW-10	1/14/2013	14.69	74	7.23	4.76	286.9	-	-	-	-	-
MW-10	4/23/2013	14.85	265	7.14	5.49	86.3	-	-	-	-	-
MW-10	7/22/2013	14.10	807	4.49	4.88	401.2	-	-	-	-	-
MW-10	10/21/2013	15.04	274	6.08	4.82	357.2	-	-	-	-	-
MW-10	1/13/2014	14.60	338	7.54	5.12	320.7	-	-	-	-	-
MW-10	4/14/2014	15.13	770	4.84	5.07	151.3	-	-	-	-	-
MW-10	7/31/2014	15.76	812	6.22	5.10	185.7	-	-	-	-	-
MW-10	11/18/2014	13.53	669	4.84	5.20	272.5	-	-	-	-	-
MW-10	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-10	1/30/2015	13.90	648	5.70	5.12	242.7	-	-	-	-	-
MW-10	4/21/2015	14.99	179	6.97	4.69	144.4	-	-	-	0	-
MW-10	8/24/2015	-	-	-	-	-	-	-	-	0	-
MW-10	8/26/2015	17.35	974	5.02	4.94	133.6	-	-	-	-	-
MW-10	10/27/2015	14.84	856	4.08	5.01	-48.8	-	-	-	-	-
MW-11	12/8/2010	15.21	279	7.81	5.28	226.5	-	-	-	-	-
MW-11	3/11/2011	14.18	237	8.21	5.27	242.5	-	-	-	-	-
MW-11	5/11/2011	17.51	249	8.57	4.98	231.5	-	-	-	-	-
MW-11	1/11/2012	14.65	210	7.76	5.70	301.7	-	-	-	-	-
MW-11	2/16/2012	12.37	220	7.66	6.30	139.0	-	-	20.2	0.0	-0.80
MW-11	4/4/2012	12.98	228	8.33	5.39	288.9	-	-	-	-	-
MW-11	7/17/2012	14.89	210	0.39	5.66	198.1	-	-	-	-	-
MW-11	8/8/2012	17.09	312	8.38	5.45	280.1	-	-	-	-	-
MW-11	9/5/2012	14.35	228	8.01	5.82	254.0	-	-	-	-	-
MW-11	10/4/2012	14.90	287	4.82	5.56	-31.9	-	-	-	-	-
MW-11	1/15/2013	14.52	218	7.13	5.78	196.9	-	-	-	-	-
MW-11	4/23/2013	14.89	214	8.84	5.46	86.4	-	-	-	-	-
MW-11	7/23/2013	14.47	271	7.80	5.35	255.8	-	-	-	-	-
MW-11	10/22/2013	14.75	242	10.46	5.85	166.3	-	-	-	-	-
MW-11	1/13/2014	14.87	310	9.56	5.79	163.5	-	-	-	-	-
MW-11	4/14/2014	15.34	257	8.68	5.60	103.3	-	-	-	-	-
MW-11	7/30/2014	16.08	277	9.14	5.54	172.5	-	-	-	-	-
MW-11	11/18/2014	13.35	227	5.70	5.56	224.7	-	-	-	-	-
MW-11	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-11	1/30/2015	14.66	258	8.94	5.70	108.2	-	-	-	-	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-11	4/21/2015	14.83	265	7.55	5.70	86.0	-	-	-	0	-
MW-11	8/24/2015	-	-	-	-	-	-	-	-	0	-
MW-11	8/25/2015	16.03	275	7.90	5.14	108.3	-	-	-	-	-
MW-11	10/27/2015	14.60	288	6.50	5.38	-70.9	-	-	-	-	-
MW-12	12/8/2010	16.71	470	8.43	4.75	261.5	-	-	-	-	-
MW-12	3/11/2011	15.28	509	17.15	5.21	267.3	-	-	-	-	-
MW-12	5/11/2011	18.68	549	9.05	4.91	222.2	-	-	-	-	-
MW-12	1/11/2012	15.85	431	8.72	5.23	343.6	-	-	-	-	-
MW-12	2/16/2012	13.87	519	8.63	5.49	172.8	-	-	19.7	0.0	0.00
MW-12	4/4/2012	14.21	516	9.67	7.08	229.8	-	-	-	-	-
MW-12	7/16/2012	16.12	298	9.74	5.82	288.1	-	-	-	-	-
MW-12	8/8/2012	18.78	551	8.75	5.07	291.4	-	-	-	-	-
MW-12	9/5/2012	15.68	413	9.02	5.45	235.2	-	-	-	-	-
MW-12	10/4/2012	16.29	492	6.35	5.39	42.5	-	-	-	-	-
MW-12	1/15/2013	15.40	426	8.39	5.33	271.6	-	-	-	-	-
MW-12	4/24/2013	16.60	386	10.36	5.79	161.4	-	-	-	-	-
MW-12	7/23/2013	15.65	413	9.22	5.26	184.6	-	-	-	-	-
MW-12	10/22/2013	16.14	320	12.48	5.73	219.3	-	-	-	-	-
MW-12	1/14/2014	16.56	525	7.50	5.32	257.2	-	-	-	-	-
MW-12	4/14/2014	17.04	453	9.47	5.37	137.3	-	-	-	-	-
MW-12	7/30/2014	17.33	435	10.49	5.34	179.2	-	-	-	-	-
MW-12	11/19/2014	14.32	459	7.33	5.57	210.7	-	-	-	-	-
MW-12	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-12	1/28/2015	15.54	1,619	8.17	5.75	179.5	-	-	-	-	-
MW-12	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-12	4/23/2015	16.04	1,125	7.89	6.30	91.5	-	-	-	-	-
MW-12	8/24/2015	-	-	-	-	-	-	-	-	0.4	-
MW-13	11/23/2010	18.12	542	1.70	5.14	325.0	-	-	-	-	-
MW-13	11/30/2010	15.4	-	0.7	6.1	-45.3	-	-	-	0.1	-
MW-13	12/1/2010	-	-	-	-	-	-	-	-	1.4	-
MW-13	3/10/2011	14.67	582	12.10	4.92	288.8	-	-	-	-	-
MW-13	3/14/2011	14.05	-	-	-	-	-	-	-	-	-
MW-13	5/11/2011	21.32	520	8.57	4.39	291.8	-	-	-	-	-
MW-13	5/12/2011	17.61	-	-	-	-	-	-	-	-	-
MW-13	7/12/2011	24.41	1	3.50	3.68	451.9	-	-	-	-	-
MW-13	7/14/2011	20.16	-	-	-	-	-	-	-	-	-
MW-13	9/15/2011	-	13	12.94	5.12	459.9	0	0.0	25.4	0.0	1.00
MW-13	9/20/2011	15.91	402	15.88	7.74	532.7	0	>1.0	29.9	0.0	1.25
MW-13	9/21/2011	-	-	-	-	-	0	0.8	-	0.8	-
MW-13	9/23/2011	16.00	418	28.50	8.60	251.2	0	0.24	30.0	0.6	0.80
MW-13	9/27/2011	15.98	416	20.52	5.10	293.4	0	0	-	0.2	0.00
MW-13	10/4/2011	15.98	1,513	21.16	5.47	180.6	0	0	30.0+	0.0	1.10
MW-13	10/14/2011	17.77	643	17.53	5.12	629.0	0	0	30.0+	0.2	2.30
MW-13	10/18/2011	17.70	496	20.73	5.95	945.1	0	0.74	30.0+	0.6	10.20
MW-13	10/27/2011	17.87	490	15.90	8.01	540.1	0	>1.0	25.0	0.0	0.06

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-13	11/2/2011	17.27	492	19.62	6.08	752.0	0	>1.0	30.0+	0.2	4.00
MW-13	11/8/2011	17.70	495	24.88	7.61	911.0	0	>1.0	30.0+	0.2	2.30
MW-13	11/15/2011	14.90	-	-	-	-	-	-	-	-	-
MW-13	11/16/2011	16.42	513	23.46	5.96	211.0	0	>1.0	24.5	52.1	0.56
MW-13	12/8/2011	17.33	491	7.01	5.04	224.2	-	-	-	-	-
MW-13	1/12/2012	15.48	624	7.80	8.08	170.1	-	-	-	-	-
MW-13	2/16/2012	13.57	602	8.39	6.11	274.9	-	-	26.5	0.0	0.00
MW-13	2/21/2012	13.25	615	15.94	6.39	650.0	-	0	27.5	0	1.45
MW-13	2/28/2012	13.77	619	18.61	6.38	-	-	0.07	27.9	0.2	1.65
MW-13	3/5/2012	12.92	580	18.41	7.80	747.0	-	1.0	28.0	0.4	3.00
MW-13	3/28/2012	13.96	615	14.07	-	409.0	-	1.0	27.2	0.9	5.50
MW-13	4/3/2012	15.76	613	13.59	5.26	836.9	-	1.00	25.6	2.4	1.6
MW-13	4/11/2012	13.64	623	12.55	6.00	250.8	-	1.0	24.7	0.0	0
MW-13	4/26/2012	13.53	640	7.19	5.94	315.1	-	0	24.7	0.0	0.00
MW-13	5/7/2012	16.09	591	15.36	7.23	818.9	-	0.04	26.3	0.3	1.15
MW-13	5/21/2012	15.91	573	5.48	6.35	860.0	-	0.07	27.5	0.3	2.00
MW-13	6/4/2012	16.09	548	14.14	5.65	349.6	-	0.0	30.0+	0.8	1.10
MW-13	6/13/2012	15.96	541	16.73	5.30	308.5	-	-	-	-	-
MW-13	6/18/2012	15.93	520	19.15	5.46	245.4	-	0	19.9	1.0	1.30
MW-13	7/6/2012	15.85	572	19.44	5.89	237.8	-	-	26.0	1.1	-
MW-13	7/17/2012	16.06	539	8.70	5.17	262.3	-	-	-	-	-
MW-13	7/18/2012	-	-	-	-	-	-	0	22.4	1.1	0.46
MW-13	8/8/2012	12.92	719	11.82	7.00	-88.3	-	-	-	-	-
MW-13	9/5/2012	15.36	570	10.53	5.23	247.1	-	-	-	-	-
MW-13	10/8/2012	15.63	725	10.89	5.22	-8.7	-	-	-	-	-
MW-13	1/16/2013	16.12	626	11.62	5.10	293.1	-	-	-	-	-
MW-13	4/25/2013	16.10	674	8.67	4.95	159.6	-	-	-	-	-
MW-13	7/24/2013	15.33	767	9.50	4.83	300.0	-	-	-	-	-
MW-13	10/23/2013	15.77	740	9.25	8.33	161.3	-	-	-	-	-
MW-13	1/14/2014	15.75	862	7.41	5.03	354.2	-	-	-	-	-
MW-13	4/15/2014	16.44	937	9.47	4.92	203.8	-	-	-	-	-
MW-13	7/31/2014	16.59	887	8.83	5.12	157.7	-	-	-	-	-
MW-13	11/20/2014	13.90	806	5.82	5.32	333.5	-	-	-	-	-
MW-13	1/27/2015	15.26	808	4.46	5.16	115.7	-	-	-	0	-
MW-13	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-13	4/22/2015	16.11	936	5.63	4.92	68.4	-	-	-	-	-
MW-13	8/24/2015	-	-	-	-	-	-	-	-	1.1	-
MW-13	8/25/2015	18.31	829	7.21	4.75	261.1	-	-	-	-	-
MW-13	10/27/2015	16.58	920	5.10	4.96	-32.1	-	-	-	-	-
MW-14S	11/23/2010	16.27	733	5.43	5.69	265.1	-	-	-	-	-
MW-14S	3/14/2011	14.06	297	5.67	4.76	283.7	-	-	-	-	-
MW-14S	5/12/2011	21.67	728	5.83	5.57	181.9	-	-	-	-	-
MW-14S	7/14/2011	30.99	984	5.28	5.64	336.1	-	-	-	-	-
MW-14S	9/14/2011	-	419	1.17	5.17	419.0	0	0.0	18.1	0.0	0.00
MW-14S	9/27/2011	14.79	260	20.64	5.12	158.7	-	-	-	-	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-14S	10/14/2011	16.34	543	4.02	5.17	290.3	0	0.0	19.1	0.0	0.00
MW-14S	10/27/2011	16.52	660	2.21	5.39	254.5	0	0.0	19.0	0.0	0.20
MW-14S	11/8/2011	16.41	289	10.06	5.07	365.6	0	0.0	20.9	0.0	0.00
MW-14S	11/15/2011	14.83	239	8.60	5.41	257.0	0	0.0	20.6	0.0	0.08
MW-14S	12/8/2011	16.30	87	10.90	5.16	226.1	-	-	-	-	-
MW-14S	1/11/2012	14.11	249	7.55	5.50	216.8	-	-	-	-	-
MW-14S	2/16/2012	12.72	321	5.70	4.91	249.8	-	-	17.8	0.0	0.00
MW-14S	2/28/2012	12.69	590	5.89	5.26	-	-	0.00	19.4	0.0	0.00
MW-14S	3/28/2012	12.86	707	3.28	-	303.8	-	0.0	19.0	0.0	0.00
MW-14S	4/3/2012	-	-	-	-	-	-	0.00	19.0	0.0	0.00
MW-14S	4/5/2012	12.44	579	7.32	5.00	251.0	-	-	-	-	-
MW-14S	4/26/2012	12.64	603	5.79	5.27	328.0	-	0	19.1	0.0	0.00
MW-14S	5/7/2012	14.82	563	5.62	5.55	481.2	-	0.00	18.8	0.0	0.00
MW-14S	5/21/2012	14.52	648	1.48	5.44	482.3	-	0.0	18.5	0.0	0.00
MW-14S	6/4/2012	14.61	450	6.08	5.59	315.3	-	0.0	19.8	0.0	0.00
MW-14S	6/14/2012	14.59	697	4.45	5.59	190.9	-	-	-	-	-
MW-14S	6/18/2012	14.79	320	4.78	7.50	172.8	-	0	22.6	0	0
MW-14S	7/6/2012	14.53	701	5.20	5.77	237.0	-	-	20.5	0.0	-
MW-14S	7/16/2012	14.54	798	0.83	5.87	128.6	-	-	-	-	-
MW-14S	7/18/2012	-	-	-	-	-	-	0	20.9	0	0
MW-14S	8/7/2012	18.75	959	3.70	5.41	287.4	-	-	-	-	-
MW-14S	9/5/2012	14.33	742	4.46	5.63	257.4	-	-	-	-	-
MW-14S	10/3/2012	14.95	923	4.67	4.84	22.8	-	-	-	-	-
MW-14S	1/14/2013	14.76	693	8.01	5.49	313.0	-	-	-	-	-
MW-14S	4/23/2013	14.83	688	5.83	5.34	174.7	-	-	-	-	-
MW-14S	7/22/2013	14.16	932	5.03	-	409.1	-	-	-	-	-
MW-14S	10/24/2013	15.10	648	4.68	5.11	375.9	-	-	-	-	-
MW-14S	1/15/2014	14.50	204	5.12	5.27	294.4	-	-	-	-	-
MW-14S	4/17/2014	14.77	833	4.44	5.94	151.7	-	-	-	-	-
MW-14S	7/30/2014	16.17	976	5.07	5.50	177.4	-	-	-	-	-
MW-14S	11/18/2014	12.96	945	0.36	7.25	-82.8	-	-	-	-	-
MW-14S	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-14S	2/12/2015	14.43	755	5.53	5.75	142.4	-	-	-	-	-
MW-14S	4/21/2015	15.34	199	7.41	4.98	155.9	-	-	-	0	-
MW-14S	8/24/2015	-	-	-	-	-	-	-	-	0	-
MW-14S	8/26/2015	16.49	1,087	5.20	5.29	199.3	-	-	-	-	-
MW-14S	10/29/2015	15.10	956	4.40	5.24	-47.8	-	-	-	-	-
MW-14D	11/23/2010	-	1,063	5.02	11.42	109.8	-	-	-	-	-
MW-14D	11/30/2010	14.5	-	1.4	8.7	-69.8	-	-	-	1.9	-
MW-14D	3/14/2011	-	735	2.01	11.12	-33.8	-	-	-	-	-
MW-14D	5/12/2011	-	695	2.01	11.26	154.0	-	-	-	-	-
MW-14D	7/14/2011	-	693	0.89	9.50	300.2	-	-	-	-	-
MW-14D	9/14/2011	-	463	1.32	7.22	400.0	0	0.0	20.0	0.0	0.00
MW-14D	9/27/2011	15.11	520	4.80	9.16	46.8	-	-	-	-	-
MW-14D	10/14/2011	-	623	1.19	9.28	197.0	0	0.0	20.4	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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-14D	10/27/2011	-	494	2.02	8.82	129.0	0	-	20.8	0.0	1.72
MW-14D	11/8/2011	-	492	2.86	8.62	156.2	0	0.0	20.2	0.0	0.00
MW-14D	11/15/2011	14.76	488	3.39	9.09	171.7	0	0.0	20.9	0.0	0.50
MW-14D	12/8/2011	-	480	7.20	7.10	145.7	-	-	-	-	-
MW-14D	1/11/2012	14.05	487	1.94	8.36	106.2	-	-	-	-	-
MW-14D	2/16/2012	-	350	0.71	7.14	135.7	-	-	20.9	0.0	-0.35
MW-14D	2/28/2012	12.71	377	1.56	6.99	-	-	0.00	20.9	0.0	0.00
MW-14D	3/28/2012	12.76	354	0.84	-	249.0	-	0.0	20.9	0.0	0.48
MW-14D	4/3/2012	-	-	-	-	-	-	0.00	20.9	0.0	-0.20
MW-14D	4/5/2012	12.73	328	1.38	7.15	185.5	-	-	-	-	-
MW-14D	4/26/2012	12.69	306	0.95	6.87	291.7	-	0	20.9	0.0	0.00
MW-14D	5/7/2012	14.88	292	1.93	7.38	351.4	-	0.00	20.9	0.0	-0.52
MW-14D	5/21/2012	14.66	289	2.11	7.82	395.8	-	0.0	20.9	0.0	2.7 (-)
MW-14D	6/4/2012	14.76	292	6.60	7.68	284.2	-	0.0	20.9	0.0	1.05
MW-14D	6/14/2012	14.77	326	3.04	7.95	146.9	-	-	-	-	-
MW-14D	6/18/2012	14.62	626	15.19	5.98	220.7	-	0	20.9	0	0
MW-14D	7/6/2012	14.64	340	1.15	7.64	173.7	-	-	20.9	0.0	-
MW-14D	7/18/2012	14.47	439	1.34	9.46	91.3	-	0	20.9	0	0
MW-14D	8/7/2012	12.29	558	0.55	9.00	-173.9	-	-	-	-	-
MW-14D	9/5/2012	14.43	424	1.27	8.49	173.1	-	-	-	-	-
MW-14D	10/8/2012	14.44	544	-0.12	8.04	20.8	-	-	-	-	-
MW-14D	1/18/2013	14.13	416	0.98	7.94	118.3	-	-	-	-	-
MW-14D	4/23/2013	14.84	372	1.97	7.81	154.6	-	-	-	-	-
MW-14D	7/23/2013	14.25	485	1.52	7.15	231.2	-	-	-	-	-
MW-14D	10/21/2013	14.47	459	2.01	7.13	198.0	-	-	-	-	-
MW-14D	1/15/2014	14.64	496	1.37	8.23	236.6	-	-	-	-	-
MW-14D	4/17/2014	15.12	335	2.34	7.53	113.0	-	-	-	-	-
MW-14D	8/1/2014	16.67	422	0.93	8.72	-264.2	-	-	-	-	-
MW-14D	11/19/2014	13.50	333	7.97	7.82	227.5	-	-	-	-	-
MW-14D	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-14D	2/12/2015	14.56	336	5.04	7.35	73.8	-	-	-	-	-
MW-14D	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-14D	4/24/2015	14.99	331	2.06	7.28	64.2	-	-	-	-	-
MW-14D	8/24/2015	-	-	-	-	-	-	-	-	0	-
MW-14D	8/28/2015	16.08	399	1.60	8.02	16.6	-	-	-	-	-
MW-14D	10/29/2015	15.54	364	0.43	8.21	-257.4	-	-	-	-	-
MW-15D	11/23/2010	17.50	532	1.59	6.07	231.4	-	-	-	-	-
MW-15D	11/30/2010	15.4	-	0.5	6.7	-56.0	-	-	-	4.5	-
MW-15D	12/1/2010	14.70	303	2.19	7.57	130.0	-	-	-	4.7	-
MW-15D	3/11/2011	14.83	502	5.30	5.38	259.1	-	-	-	-	-
MW-15D	5/11/2011	20.74	511	2.61	5.32	180.0	-	-	-	-	-
MW-15D	7/13/2011	31.87	693	5.43	5.46	360.9	-	-	-	-	-
MW-15D	9/14/2011	-	648	4.20	6.68	31.3	0	0.0	20.2	0.0	0.00
MW-15D	9/20/2011	15.82	367	7.16	5.39	209.0	0	0.0	14.1	0.0	0.00
MW-15D	9/21/2011	-	-	-	-	-	0	0.0	-	0.0	-

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

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-15D	7/31/2014	17.14	869	6.27	5.81	165.3	-	-	-	-	-
MW-15D	11/20/2014	14.02	708	5.67	6.07	297.7	-	-	-	-	-
MW-15D	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-15D	1/28/2015	15.49	561	6.66	5.76	158.4	-	-	-	-	-
MW-15D	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-15D	4/22/2015	15.90	869	4.72	5.24	109.8	-	-	-	-	-
MW-15D	8/24/2015	-	-	-	-	-	-	-	-	1.2	-
MW-15D	8/27/2015	18.69	855	6.15	6.07	148.8	-	-	-	-	-
MW-15D	10/28/2015	16.38	733	5.96	5.53	-88.3	-	-	-	-	-
MW-16	11/23/2010	16.02	664	4.43	5.48	350.4	-	-	-	-	-
MW-16	3/14/2011	14.12	240	6.91	4.70	296.8	-	-	-	-	-
MW-16	5/12/2011	20.36	442	8.89	4.53	278.2	-	-	-	-	-
MW-16	7/14/2011	18.72	639	3.96	4.51	336.0	-	-	-	-	-
MW-16	9/14/2011	-	116	7.03	5.28	404.3	0	0.0	17.9	0.0	0.00
MW-16	9/27/2011	14.57	134	7.69	5.41	308.7	-	-	-	-	-
MW-16	10/14/2011	15.99	221	9.43	5.88	296.0	0	0.0	18.3	0.0	0.00
MW-16	10/27/2011	16.04	169	8.09	5.77	245.7	0	0.0	19.5	0.0	0.32
MW-16	11/8/2011	16.33	191	12.88	5.70	333.5	0	0.0	20.9	0.0	0.00
MW-16	11/15/2011	14.51	105	13.49	7.13	225.1	0	0.0	20.4	0.3	0.21
MW-16	12/8/2011	16.03	353	10.50	5.22	224.7	-	-	-	-	-
MW-16	1/12/2012	14.4	89	7.73	5.20	332.4	-	-	-	-	-
MW-16	2/16/2012	12.42	102	7.41	5.38	214.2	-	-	18.6	0.0	0.00
MW-16	2/28/2012	12.43	90	8.58	5.35	-	-	0.00	19.1	0.0	0.00
MW-16	3/28/2012	12.45	99	7.56	-	289.9	-	0.0	18.7	0.0	0.00
MW-16	4/3/2012	-	-	-	-	-	-	0.00	19.0	0.0	0.00
MW-16	4/4/2012	14.20	546	6.06	5.06	291.6	-	-	-	-	-
MW-16	4/26/2012	12.32	544	4.99	5.26	338.0	-	0	18.9	0.0	0.00
MW-16	5/7/2012	14.66	471	5.31	5.70	502.2	-	0.00	19.1	0.0	0.00
MW-16	5/21/2012	14.37	518	2.14	5.21	519.6	-	0.0	18.5	0.0	0.00
MW-16	6/4/2012	14.49	84	8.14	5.62	381.7	-	0.0	19.2	0.0	0.00
MW-16	6/14/2012	14.33	363	8.70	5.41	150.2	-	-	-	-	-
MW-16	6/18/2012	14.67	103	11.04	5.76	230.0	-	0	20.5	0	0
MW-16	7/6/2012	14.25	497	9.08	5.40	250.2	-	-	20.3	0.0	-
MW-16	7/16/2012	14.38	643	15.71	5.25	246.7	-	-	-	-	-
MW-16	7/18/2012	-	-	-	-	-	-	0	20.3	0	0
MW-16	8/6/2012	12.15	844	7.47	4.19	-52.9	-	-	-	-	-
MW-16	9/5/2012	14.10	576	6.80	5.28	254.9	-	-	-	-	-
MW-16	10/3/2012	14.68	119	8.10	5.01	-102.1	-	-	-	-	-
MW-16	1/14/2013	14.53	178	7.15	4.98	188.7	-	-	-	-	-
MW-16	4/23/2013	14.43	525	7.08	4.94	153.2	-	-	-	-	-
MW-16	7/22/2013	13.99	428	7.06	-	393.4	-	-	-	-	-
MW-16	10/21/2013	14.75	76	7.32	4.93	344.5	-	-	-	-	-
MW-16	1/15/2014	14.14	97	5.14	5.25	227.3	-	-	-	-	-
MW-16	4/14/2014	15.02	128	8.54	5.58	130.6	-	-	-	-	-
MW-16	7/30/2014	16.04	839	6.41	4.94	183.3	-	-	-	-	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-16	11/19/2014	12.62	892	5.85	5.06	314.5	-	-	-	-	-
MW-16	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-16	1/30/2015	14.03	636	7.63	5.07	195.1	-	-	-	-	-
MW-16	4/21/2015	14.86	655	7.16	4.81	159.9	-	-	-	0	-
MW-16	8/24/2015	18.09	879	6.02	4.86	123.6	-	-	-	0	-
MW-16	10/29/2015	15.42	939	5.57	4.96	-22.6	-	-	-	-	-
MW-17	11/23/2010	16.57	682	1.15	5.36	349.0	-	-	-	-	-
MW-17	11/30/2010	14.1	-	0.8	7.2	-70.1	-	-	-	0.3	-
MW-17	3/14/2011	13.63	541	5.09	5.29	193.3	-	-	-	-	-
MW-17	5/12/2011	16.59	560	7.09	5.12	204.6	-	-	-	-	-
MW-17	7/14/2011	17.40	635	1.06	5.13	219.7	-	-	-	-	-
MW-17	9/14/2011	-	459	0.52	4.93	510.8	0	0.0	15.2	0.0	0.00
MW-17	9/27/2011	14.62	460	0.76	7.58	266.7	-	-	-	-	-
MW-17	10/14/2011	16.50	550	1.18	5.46	268.0	0	0.0	20.9	0.0	0.00
MW-17	10/27/2011	16.79	530	2.45	5.54	253.4	0	0.0	20.8	0.0	0.00
MW-17	11/8/2011	16.54	548	2.84	5.50	324.0	0	0.0	20.9	0.0	0.00
MW-17	11/15/2011	14.98	550	6.19	5.53	296.0	0	0.0	17.9	0.0	0.00
MW-17	12/8/2011	16.41	569	4.90	5.98	200.4	-	-	-	-	-
MW-17	1/11/2012	14.63	529	4.25	5.13	348.6	-	-	-	-	-
MW-17	2/16/2012	12.57	575	0.79	5.48	180.6	-	-	12.6	0.0	0.00
MW-17	2/28/2012	12.86	612	3.23	5.74	-	-	0.00	17.0	0.0	0.00
MW-17	3/28/2012	12.72	577	1.52	-	291.0	-	0.0	16.6	0.0	0.00
MW-17	4/3/2012	-	-	-	-	-	-	0.00	17.8	0.0	0.00
MW-17	4/4/2012	12.95	566	1.31	5.41	271.8	-	-	-	-	-
MW-17	4/26/2012	12.66	595	0.85	5.46	318.8	-	0	19.1	0.0	0.00
MW-17	5/7/2012	14.84	580	0.66	5.66	434.4	-	0.00	18.9	0.0	0.00
MW-17	5/21/2012	14.58	565	0.41	5.71	472.7	-	0.0	18.8	0.0	0.00
MW-17	6/4/2012	14.55	539	0.96	5.78	315.8	-	0.0	19.3	0.0	0.00
MW-17	6/14/2012	14.51	543	0.40	5.88	165.1	-	-	-	-	-
MW-17	6/18/2012	14.71	544	2.75	5.88	224.0	-	0	20.9	0	0
MW-17	7/6/2012	14.72	570	0.43	6.00	230.0	-	-	20.0	0.0	-
MW-17	7/18/2012	-	-	-	-	-	-	0	20.3	0	0
MW-17	7/31/2012	14.57	536	0.10	6.31	144.6	-	-	-	-	-
MW-17	8/7/2012	17.32	727	1.20	5.39	130.1	-	-	-	-	-
MW-17	9/5/2012	14.38	563	0.61	5.97	243.7	-	-	-	-	-
MW-17	10/4/2012	14.72	707	0.35	5.54	-17.5	-	-	-	-	-
MW-17	1/14/2013	14.69	583	2.07	5.62	263.4	-	-	-	-	-
MW-17	4/23/2013	14.95	547	3.44	5.50	120.8	-	-	-	-	-
MW-17	7/23/2013	14.27	784	1.71	6.63	268.7	-	-	-	-	-
MW-17	10/24/2013	14.55	755	2.82	7.41	185.6	-	-	-	-	-
MW-17	1/15/2014	14.61	842	2.08	5.84	175.0	-	-	-	-	-
MW-17	4/17/2014	15.10	703	2.28	5.83	64.8	-	-	-	-	-
MW-17	8/1/2014	15.73	852	7.15	5.72	142.8	-	-	-	-	-
MW-17	11/19/2014	13.41	901	3.62	5.71	238.6	-	-	-	-	-
MW-17	1/27/2015	-	-	-	-	-	-	-	-	0	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-17	2/12/2015	14.47	815	3.43	5.86	86.7	-	-	-	-	-
MW-17	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-17	4/24/2015	14.87	796	3.99	5.60	118.6	-	-	-	-	-
MW-17	8/24/2015	-	-	-	-	-	-	-	-	0	-
MW-17	8/28/2015	15.70	900	5.18	5.64	84.5	-	-	-	-	-
MW-17	10/29/2015	15.59	879	3.53	5.52	-106.6	-	-	-	-	-
MW-18S	11/30/2010	15.3	-	11.3	11.1	-65.2	-	-	-	12.4	-
MW-18S	12/1/2010	11.97	64	11.75	12.02	-91.3	-	-	-	3.5	-
MW-18S	3/10/2011	14.93	7,076	7.03	12.99	-100.4	-	-	-	-	-
MW-18S	5/10/2011	22.53	7,285	2.83	13.21	101.9	-	-	-	-	-
MW-18S	7/13/2011	22.04	6,920	1.58	9.02	300.6	-	-	-	-	-
MW-18S	9/14/2011	-	5,817	9.09	12.50	73.6	0	0.0	13.6	0.3	0.00
MW-18S	9/20/2011	16.12	5,276	6.63	12.58	-32.8	0	0.0	14.6	180	0.10
MW-18S	9/21/2011	-	-	-	-	-	0	0.0	-	56.2	-
MW-18S	9/23/2011	16.37	5,252	5.65	12.70	-13.5	0	0.0	17.8	81.5	0.20
MW-18S	9/27/2011	16.12	464	10.42	12.43	-39.1	0	0.0	-	0.5	0.00
MW-18S	10/4/2011	16.06	5,027	8.65	12.82	-71.9	0	0.0	23.1	17.9	0.00
MW-18S	10/14/2011	17.92	5,964	9.08	12.87	41.5	0	0.0	23.3	21.5	0.12
MW-18S	10/18/2011	17.93	4,105	11.97	12.87	10.5	0	0.0	26.4	32.4	0.40
MW-18S	10/27/2011	17.88	1,626	13.45	12.40	37.6	0	0.0	21.2	0.0	0.00
MW-18S	11/2/2011	17.48	3,201	14.41	12.84	27.6	0	0.0	20.9	0.0	0.00
MW-18S	11/8/2011	17.58	3,121	16.99	12.71	9.4	0	0.0	20.9	1.0	0.62
MW-18S	11/16/2011	15.74	3,727	19.91	12.76	29.6	0	0.0	24.7	3.46	0.00
MW-18S	12/8/2011	17.62	4,079	7.61	12.94	76.6	-	-	-	-	-
MW-18S	1/12/2012	15.03	5,138	7.31	12.39	-115.0	-	-	-	-	-
MW-18S	2/16/2012	13.13	3,534	5.11	12.66	-41.3	-	-	20.9	0.0	0.00
MW-18S	2/21/2012	13.25	3,432	7.40	12.64	-37.7	-	0	20.9	0	0.06
MW-18S	2/28/2012	13.78	463	1.51	9.63	-	-	0.00	20.9	0.0	0.06
MW-18S	3/5/2012	13.13	5,331	6.03	12.90	-67.6	-	0.0	20.9	0.4	0.00
MW-18S	3/23/2012	13.89	1,565	13.03	11.85	38.6	-	0.0	20.9	1.9	0.30
MW-18S	3/28/2012	13.70	1,885	12.10	-	29.6	-	0.0	21.3	1.1	0.12
MW-18S	4/3/2012	13.76	3,009	7.92	12.53	19.2	-	0.00	21.9	0.9	0.00
MW-18S	4/11/2012	13.59	1,977	5.88	12.47	-25.9	-	0.0	21.7	0.0	0
MW-18S	4/26/2012	13.50	3,499	6.11	12.64	60.0	-	0	22.5	0.1	0.00
MW-18S	4/30/2012	13.33	2,697	5.79	12.34	76.8	-	0	22.1	1.4	0.10
MW-18S	5/7/2012	15.83	3,595	6.42	12.39	-29.5	-	0.00	22.2	0.0	0.18
MW-18S	5/15/2012	15.78	5,764	4.97	12.35	-26.9	-	0.0	22.4	0.2	0.20
MW-18S	5/21/2012	15.81	2,656	4.29	12.43	-78.3	-	0.0	21.8	0.6	0.10
MW-18S	5/24/2012	15.77	3,285	11.80	-	-	-	-	-	-	-
MW-18S	5/29/2012	16.66	3,692	9.80	12.50	-43.4	-	0.0	22.8	3.7	0.20
MW-18S	6/4/2012	15.79	2,451	15.24	12.14	-12.5	-	0.0	21.3	0.0	0.10
MW-18S	6/14/2012	-	-	-	-	-	-	0.0	20.9	0.8	0
MW-18S	6/15/2012	16.01	2,011	19.11	12.32	-45.4	-	-	-	-	-
MW-18S	6/18/2012	15.72	1,859	17.92	12.01	-30.7	-	0	30.0+	1.6	0.12
MW-18S	6/28/2012	16.54	1,703	18.23	11.88	-47.7	-	0.0	-	-	0.10

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-18S	7/6/2012	15.86	3,519	15.19	12.58	-78.7	-	-	21.8	1.4	-
MW-18S	7/9/2012	16.21	1,801	16.24	12.17	-16.7	-	0.0	21.4	0.9	0.14
MW-18S	7/17/2012	17.44	1,697	13.78	11.78	45.8	-	-	-	-	-
MW-18S	7/18/2012	-	-	-	-	-	-	0	20.9	0.6	0.24
MW-18S	7/23/2012	16.53	1,631	8.31	12.17	-24.8	-	0	20.9	10.4	0.26
MW-18S	8/9/2012	18.04	3,463	11.30	10.94	66.1	-	-	-	-	-
MW-18S	9/5/2012	15.56	6,117	11.16	12.71	-48.9	-	-	-	-	-
MW-18S	10/8/2012	16.24	7,086	9.45	12.54	-104.7	-	-	-	-	-
MW-18S	1/17/2013	14.48	3,450	9.58	12.48	-67.0	-	-	-	-	-
MW-18S	4/25/2013	16.32	1,762	10.77	11.69	134.6	-	-	-	-	-
MW-18S	7/25/2013	15.29	5,727	9.47	12.62	-108.1	-	-	-	-	-
MW-18S	10/23/2013	15.84	7,530	8.94	12.55	-146.6	-	-	-	-	-
MW-18S	1/16/2014	15.14	2,866	15.14	12.19	-67.3	-	-	-	-	-
MW-18S	4/16/2014	16.26	2,607	6.64	12.31	69.5	-	-	-	-	-
MW-18S	8/1/2014	18.40	6,816	7.63	12.20	-69.1	-	-	-	-	-
MW-18S	11/20/2014	14.53	8,083	5.05	12.83	-47.7	-	-	-	-	-
MW-18S	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-18S	2/12/2015	15.43	5,633	8.72	12.23	-57.6	-	-	-	-	-
MW-18S	4/21/2015	-	-	-	-	-	-	-	-	0.2	-
MW-18S	4/22/2015	16.17	1,882	6.47	11.75	-13.6	-	-	-	-	-
MW-18S	8/24/2015	-	-	-	-	-	-	-	-	1.3	-
MW-18S	8/27/2015	20.21	8,077	5.09	13.25	21.0	-	-	-	-	-
MW-18S	10/28/2015	16.97	7,358	3.92	12.50	-179.4	-	-	-	-	-
MW-18S-R	2/12/2015	15.22	675	5.11	5.69	121.5	-	-	-	-	-
MW-18S-R	4/21/2015	-	-	-	-	-	-	-	-	0	-
MW-18S-R	4/22/2015	15.99	868	1.15	5.45	110.7	-	-	-	-	-
MW-18S-R	8/24/2015	-	-	-	-	-	-	-	-	29.5	-
MW-18S-R	8/27/2015	18.10	843	4.95	5.96	124.1	-	-	-	-	-
MW-18S-R	10/29/2015	16.80	788	2.76	5.41	-95.9	-	-	-	-	-
MW-18D	11/23/2010	17.61	7.80	5.29	7.16	285.8	-	-	-	-	-
MW-18D	11/30/2010	14.3	-	6.0	10.0	-65.4	-	-	-	1.0	-
MW-18D	12/1/2010	14.29	18	6.64	10.80	-73.0	-	-	-	2.8	-
MW-18D	12/8/2010	14.94	717	5.32	7.42	50.7	-	-	-	-	-
MW-18D	3/10/2011	11.36	3,566	4.92	10.11	85.9	-	-	-	-	-
MW-18D	5/10/2011	21.97	884	3.37	10.75	119.4	-	-	-	-	-
MW-18D	7/13/2011	20.41	812	1.80	9.39	233.0	-	-	-	-	-
MW-18D	9/14/2011	-	176	0.99	9.99	159.0	0	0.0	20.4	0.0	0.30
MW-18D	9/20/2011	16.08	195	0.81	9.78	68.0	0	0.0	20.5	0.8	0.38
MW-18D	9/21/2011	-	-	-	-	-	0	0.0	-	1.0	-
MW-18D	9/23/2011	16.53	170	1.20	6.78	228.8	0	0.0	20.9	0.0	0.00
MW-18D	9/27/2011	16.04	174	3.25	9.46	159.1	0	0.0	-	0.0	0.00
MW-18D	10/4/2011	15.90	184	1.00	7.99	142.0	0	0.0	20.9	0.0	0.00
MW-18D	10/14/2011	17.79	255	1.70	9.52	82.6	0	0.0	20.9	0.4	0.77
MW-18D	10/18/2011	17.80	215	2.90	9.59	98.8	0	0.0	20.9	0.8	0.14
MW-18D	10/27/2011	17.44	332	5.17	9.68	54.4	0	0.0	24.5	0.0	0.44

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-18D	11/2/2011	17.53	348	5.75	9.82	59.0	0	0.0	20.9	0.0	0.05
MW-18D	11/8/2011	17.69	367	5.73	10.10	100.6	0	0.0	20.9	0.0	0.14
MW-18D	11/16/2011	15.87	353	5.96	9.58	129.1	0	0.0	20.4	0.0	0.02
MW-18D	12/8/2011	16.93	370	4.02	6.97	150.8	-	-	-	-	-
MW-18D	1/11/2012	15.08	412	2.38	7.04	170.6	-	-	-	-	-
MW-18D	2/16/2012	13.74	452	1.71	9.48	-84.3	-	-	20.9	0.0	0.00
MW-18D	2/21/2012	13.81	468	0.55	9.32	-125.2	-	0	20.9	0	0.00
MW-18D	2/28/2012	13.12	3,584	10.92	12.70	-	-	0.00	20.9	0.2	0.00
MW-18D	3/5/2012	13.68	460	1.66	9.35	-105.4	-	0.0	20.9	0.0	0.20
MW-18D	3/23/2012	13.94	469	1.85	9.52	69.7	-	0.0	20.3	1.0	0.0
MW-18D	3/28/2012	13.88	469	1.51	-	37.6	-	0.0	20.9	0.0	0.10
MW-18D	4/3/2012	-	-	-	-	-	-	0.00	20.9	0.5	0.00
MW-18D	4/4/2012	15.56	467	0.25	7.27	-160.7	-	-	-	-	-
MW-18D	4/11/2012	13.49	989	1.67	9.88	53.9	-	0.0	20.9	0.0	0
MW-18D	4/26/2012	12.58	493	9.83	9.83	136.9	-	0	20.9	0.0	0.14
MW-18D	4/30/2012	13.56	493	1.38	9.71	132.4	-	0	20.9	1.4	0.00
MW-18D	5/7/2012	15.88	474	1.08	9.63	55.1	-	0.00	20.9	0.0	0.00
MW-18D	5/15/2012	15.87	479	1.13	9.67	-18.0	-	0.0	20.9	0.0	0.14
MW-18D	5/21/2012	15.94	478	1.44	8.86	39.7	-	0.0	20.9	0.1	0.22
MW-18D	5/24/2012	15.60	575	2.22	-	-	-	-	-	-	-
MW-18D	5/29/2012	16.04	463	1.85	8.55	87.2	-	0.0	20.4	2.2	0.00
MW-18D	6/4/2012	15.85	434	2.29	8.97	116.2	-	0.0	20.9	0.0	0.00
MW-18D	6/14/2012	-	-	-	-	-	-	0.0	20.9	0.4	0
MW-18D	6/15/2012	16.28	465	0.69	8.64	142.3	-	-	-	-	-
MW-18D	6/18/2012	15.43	460	5.02	9.32	110.6	-	0	20.9	1.0	0.08
MW-18D	6/28/2012	15.67	465	2.32	9.13	108.6	-	0.0	-	-	0.62
MW-18D	7/6/2012	15.40	476	1.06	9.16	85.3	-	-	20.9	1.2	-
MW-18D	7/9/2012	15.76	476	2.41	9.20	118.6	-	0.0	20.9	0.3	0.20
MW-18D	7/18/2012	15.88	671	3.32	8.61	98.4	-	0	20.9	1.2	-0.22
MW-18D	7/23/2012	14.71	672	0.47	8.76	135.0	-	0	20.9	3.2	0.16
MW-18D	8/9/2012	21.45	890	0.67	7.66	-95.1	-	-	-	-	-
MW-18D	9/5/2012	15.27	672	1.03	9.17	-177.1	-	-	-	-	-
MW-18D	10/8/2012	16.46	803	0.46	7.93	-180.4	-	-	-	-	-
MW-18D	1/17/2013	14.98	607	0.40	8.19	-188.1	-	-	-	-	-
MW-18D	4/25/2013	16.55	444	2.88	6.96	238.8	-	-	-	-	-
MW-18D	7/25/2013	-	585	6.59	6.64	306.6	-	-	-	-	-
MW-18D	10/23/2013	15.43	606	5.78	7.88	130.4	-	-	-	-	-
MW-18D	1/16/2014	14.61	681	2.78	7.64	205.5	-	-	-	-	-
MW-18D	4/16/2014	16.11	627	0.21	7.66	208.0	-	-	-	-	-
MW-18D	8/1/2014	18.09	616	0.75	7.71	22.2	-	-	-	-	-
MW-18D	11/20/2014	14.21	618	4.08	7.79	229.7	-	-	-	-	-
MW-18D	1/27/2015	-	-	-	-	-	-	-	-	0	-
MW-18D	1/28/2015	16.39	5,292	9.80	8.59	165.1	-	-	-	-	-
MW-18D	4/21/2015	-	-	-	-	-	-	-	-	0.2	-
MW-18D	4/22/2015	16.64	3,366	1.51	6.89	156.3	-	-	-	-	-

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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
MW-18D	8/24/2015	-	-	-	-	-	-	-	-	7.7	-
MW-18D	8/27/2015	21.75	3,931	3.16	9.47	59.1	-	-	-	-	-
MW-18D	10/28/2015	16.74	3,644	0.69	7.43	-203.1	-	-	-	-	-
SV-1	10/4/2011	-	-	-	-	-	0	0.00	30.0+	42.8	0.00
SV-1	10/14/2011	-	-	-	-	-	0	0.0	28.0	40.4	0.04
SV-1	10/18/2011	-	-	-	-	-	0	0.00	30.0+	50.2	0.02
SV-1	10/27/2011	-	-	-	-	-	0	0.00	20.8	0.0	0.00
SV-1	11/2/2011	-	-	-	-	-	0	0.00	28.6	17.2	0.00
SV-1	11/8/2011	-	-	-	-	-	0	0.00	22.5	18.7	0.00
SV-1	2/16/2012	-	-	-	-	-	-	-	21.8	0.0	0.00
SV-1	2/21/2012	-	-	-	-	-	-	0	25.7	0	0.00
SV-1	2/28/2012	-	-	-	-	-	-	-	21.7	0.0	-
SV-1	3/5/2012	-	-	-	-	-	-	0.0	26.9	2.0	0.00
SV-1	3/28/2012	-	-	-	-	-	-	-	26.7	5.1	0.00
SV-1	4/3/2012	-	-	-	-	-	-	0.12	26.6	4.8	0.00
SV-1	4/26/2012	-	-	-	-	-	-	0	22.9	0.0	0.00
SV-1	5/7/2012	-	-	-	-	-	-	0.00	30.0+	2.4	0.00
SV-1	5/21/2012	-	-	-	-	-	-	0.0	30.0+	3.3	0.00
SV-1	6/4/2012	-	-	-	-	-	-	0.0	30.0+	0.8	0.04
SV-1	6/18/2012	-	-	-	-	-	-	0	30.0+	0.7	0
SV-1	7/18/2012	-	-	-	-	-	-	0	-	0.6	0
SV-2	10/4/2011	-	-	-	-	-	0	0.00	22.0	0.0	0.00
SV-2	10/14/2011	-	-	-	-	-	0	0.0	30.0+	0.0	0.00
SV-2	10/18/2011	-	-	-	-	-	0	0.00	30.0+	0.0	0.00
SV-2	10/27/2011	-	-	-	-	-	0	0.02	25.0	0.0	0.00
SV-2	11/2/2011	-	-	-	-	-	0	0.00	20.9	0.0	0.00
SV-2	11/8/2011	-	-	-	-	-	0	0.00	20.9	0.0	0.00
SV-2	2/16/2012	-	-	-	-	-	-	-	21.6	0.0	0.00
SV-2	2/21/2012	-	-	-	-	-	-	0	21.5	0	0.00
SV-2	2/28/2012	-	-	-	-	-	-	-	26.4	1.5	-
SV-2	3/5/2012	-	-	-	-	-	-	0.0	21.9	0.0	0.00
SV-2	3/28/2012	-	-	-	-	-	-	-	30.0	0.0	0.00
SV-2	4/3/2012	-	-	-	-	-	-	0.00	29.3	0.4	0.00
SV-2	4/26/2012	-	-	-	-	-	-	0	26.4	0.0	0.00
SV-2	5/7/2012	-	-	-	-	-	-	0.00	30.0+	0.0	0.00
SV-2	5/21/2012	-	-	-	-	-	-	0.0	30.0+	0.0	0.00
SV-2	6/4/2012	-	-	-	-	-	-	0.0	30.0+	0.2	0.00
SV-2	6/18/2012	-	-	-	-	-	-	0	-	0	0
SV-2	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	-
TF-5	2/16/2012	-	-	-	-	-	-	-	20.5	0.0	0.00
TF-6	12/1/2010	-	-	-	-	-	-	-	-	0.0	-
TF-6	2/16/2012	-	-	-	-	-	-	-	20.4	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) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
TF-7	12/1/2010	-	-	-	-	-	-	-	-	245	-
TF-7	2/16/2012	-	-	-	-	-	-	-	20.3	0.0	0.00
TF-8	12/1/2010	-	-	-	-	-	-	-	-	0.0	-
TF-8	2/16/2012	-	-	-	-	-	-	-	20.2	0.0	0.00
VE-1	11/30/2010	-	-	-	-	-	-	-	-	0.6	-
VE-1	2/16/2012	-	-	-	-	-	-	-	20.9	0.0	0.00

Note: As of Third Quarter 2015, this table will reflect stabilized ground water parameter readings measured and recorded during low flow sampling of select monitoring wells instead of down-well readings taken prior to sampling.

°C = Degrees Celsius
µS/cm = Microsiemens per centimeter
mg/L = Milligrams per liter
mV = Millivolts
ppm = Parts per million

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-FR815955	1/4/2007		-	<0.1	<0.1	<0.1	39,086	39,086	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	-	-
GVP-FR815955	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	-	-
GVP-FR815955	9/4/2008		-	<0.1	<0.1	<0.1	39,695	39,695	0.3	<0.1	<0.1	<0.1	<5.0	<0.2	35	<20
GVP-FR815955	10/16/2008		-	<0.1	<0.1	<0.1	39,737	39,737	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	<32	21
GVP-FR815955	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	94	143
GVP-FR815955	10/25/2010		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100
GVP-FR815955	10/19/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR815955	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	-	-
GVP-FR815955	10/4/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR815955	1/18/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR815955	5/23/2013		-	-	-	-	41,417	41,417	-	-	-	-	-	-	-	-
GVP-FR815955	10/18/2013		-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.5	<0.5	<0.5	15.9	<0.5	-	-
GVP-FR815955	12/18/2013		-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR815955	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	-	-
GVP-FR815955	10/30/2014		-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR815955	1/22/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-FR815955	1/22/2015		-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR815955	4/16/2015		-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-
GVP-FR815955 (DUP)	12/18/2013		-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR881366	1/4/2007		-	<0.1	<0.1	<0.1	39,086	39,086	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-
GVP-FR881366	1/10/2007		-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<0.1	<0.1	<0.1	<5	<0.2	-	-
GVP-FR881366	4/17/2007		-	<0.1	<0.1	<0.1	39,189	39,189	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<28	<20
GVP-FR881366	7/27/2007		-	<0.1	<0.1	<0.1	39,290	39,290	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	40	<20
GVP-FR881366	10/10/2007		-	<0.1	<0.1	<0.1	39,365	39,365	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<28	<20
GVP-FR881366	1/23/2008		-	<0.1	<0.1	<0.1	39,470	39,470	0.6	<0.1	<0.1	<0.1	<5.0	<0.2	<28	<20
GVP-FR881366	4/15/2008		-	<0.1	<0.1	<0.1	39,553	39,553	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<30	<20
GVP-FR881366	7/17/2008		-	<0.1	<0.1	<0.1	39,646	39,646	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	<29	<20
GVP-FR881366	9/4/2008		-	<0.1	<0.1	<0.1	39,695	39,695	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<35	<20
GVP-FR881366	10/16/2008		-	<0.1	<0.1	<0.1	39,737	39,737	4.3	<0.1	<0.1	0.1	<5.0	<0.2	<35	<20

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-FR881366	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	96.6	84.5
GVP-FR881366	10/25/2010		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100
GVP-FR881366	10/19/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR881366	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	-	-
GVP-FR881366	10/4/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR881366	1/18/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR881366	5/23/2013		-	-	-	-	41,417	41,417	-	-	-	-	-	-	-	-
GVP-FR881366	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	-	-
GVP-FR881366	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	-	-
GVP-FR881366	1/22/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-FR881394	1/4/2007		-	<0.1	<0.1	<0.1	39,086	39,086	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-
GVP-FR881394	1/10/2007		-	<0.1	0.1	<0.1	39,092	39,092	2	<0.1	<0.1	<0.1	25	<0.2	-	-
GVP-FR881394	1/23/2008		-	<0.1	<0.1	<0.1	39,470	39,470	0.4	<0.1	<0.1	<0.1	<5.0	<0.2	<29	<20
GVP-FR881394	4/17/2008		-	<0.1	<0.1	<0.1	39,555	39,555	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<31	<20
GVP-FR881394	7/17/2008		-	<0.1	<0.1	<0.1	39,646	39,646	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	30	<20
GVP-FR881394	9/4/2008		-	<0.1	<0.1	<0.1	39,695	39,695	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<32	<20
GVP-FR881394	10/16/2008		-	<0.1	<0.1	<0.1	39,737	39,737	1.5	<0.1	<0.1	<0.1	<5.0	<0.2	<33	22
GVP-FR881394	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	153	100
GVP-FR881394	10/19/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR881394	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	-	-
GVP-FR881394	10/4/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR881394	1/18/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR881394	5/23/2013		-	-	-	-	41,417	41,417	-	-	-	-	-	-	-	-
GVP-FR881394	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	-	-
GVP-FR881394	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	-	-
GVP-FR881394	1/22/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
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	-	-
GVP-FR941233	1/10/2007		-	<0.1	<0.1	<0.1	<0.3	<0.6	12	0.2	<0.1	0.3	<5.0	<0.2	-	-
GVP-FR941233	1/19/2007		-	<0.5	<0.7	<0.8	<0.8	<2.8	1	-	-	-	-	-	-	-
GVP-FR941233	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

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-FR941233	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
GVP-FR941233	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
GVP-FR941233	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
GVP-FR941233	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
GVP-FR941233	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
GVP-FR941233	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
GVP-FR941233	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
GVP-FR941233	1/30/2009		-	<0.500	<0.500	<0.500	<0.500	<2.000	7.55	2.37	<0.500	<0.500	<2.50	<0.500	126	<100
GVP-FR941233	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
GVP-FR941233	7/17/2009		-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	<300	163
GVP-FR941233	10/29/2009		-	<0.500	<0.500	<0.500	<0.500	<2.000	1.04	<0.500	<0.500	<0.500	<2.50	<0.500	99.2	40.6
GVP-FR941233	1/15/2010		-	<0.500	<0.500	<0.500	<0.500	<2.000	0.66	0.6	<0.500	<0.500	<2.50	<0.500	<300	<100
GVP-FR941233	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
GVP-FR941233	7/19/2010		-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	1.38	<0.500	<0.500	<2.50	<0.500	<300	<100
GVP-FR941233	10/25/2010		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100
GVP-FR941233	1/12/2011		-	<0.5	<0.5	<0.5	<1	<3	698 V8	2.36	<0.5	4.65	43.8	<0.5	-	-
GVP-FR941233	4/5/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	7/14/2011		-	<0.5	<0.5	<0.5	<1	<3	1.21	1.33	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	9/12/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	0.71	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	9/27/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	10/19/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	0.92	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	11/15/2011		-	<0.5	<0.5	<0.5	<1	<3	1.59 V8	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	1/12/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	4/5/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	0.91	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	7/18/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	8/7/2012		-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-
GVP-FR941233	10/4/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	1/18/2013		-	<0.5	<0.5	<0.5	<1	<3	1.03	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	4/24/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941233	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	-	-

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-FR941233	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	-	-
GVP-FR941233	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	-	-
GVP-FR941233	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	-	-
GVP-FR941233	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	-	-
GVP-FR941233	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	-	-
GVP-FR941233	1/22/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	62	0.6	<0.1	1.4	5.2 J	<0.2	-	-
GVP-FR941233	4/16/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	0.3 J	<0.1	<0.1	<2.5	<0.2	-	-
GVP-FR941233	8/25/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	3.5	0.3 J	<0.1	<0.1	<2.5	<0.2	-	-
GVP-FR941233	10/28/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	24	0.6	<0.1	0.1 J	<2.5	<0.2	-	-
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	-	-
GVP-FR941281	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	-	-
GVP-FR941281	1/19/2007		-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	-	-	-	-
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	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
GVP-FR941281	1/12/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	4/5/2011		-	<0.5	<0.5	<0.5	<1	<3	6.87	<0.5	<0.5	<0.5	<2.5	<0.5	-	-

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-FR941281	7/14/2011		-	<0.5	<0.5	<0.5	<1	<3	11.7	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	9/12/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	9/27/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	10/19/2011		-	<0.5	<0.5	<0.5	<1	<3	1.2	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	11/15/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	0.67	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	1/12/2012		-	<0.5	<0.5	<0.5	<1	<3	1.63	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	4/5/2012		-	<0.5	<0.5	<0.5	<1	<3	0.87	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	7/18/2012		-	<0.08	<0.13	<0.14	<0.22	<0.57	1.96	<0.12	<0.11	<0.09	<1.16	<0.08	-	-
GVP-FR941281	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	-	-
GVP-FR941281	10/4/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	1/18/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	4/24/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-FR941281	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	-	-
GVP-FR941281	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	-	-
GVP-FR941281	1/15/2014		-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-
GVP-FR941281	4/8/2014		-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-
GVP-FR941281	7/9/2014		-	<0.500	<0.500	<0.500	<1.00	<2.50	1.16	<0.500	<0.500	<0.500	<2.50	<0.500	-	-
GVP-FR941281	10/30/2014		-	<0.500	<0.500	<0.500	<1.00	<2.50	2.39	<0.500	<0.500	<0.500	<2.50	<0.500	-	-
GVP-FR941281	1/22/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	0.7	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-FR941281	4/16/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	1.6	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-FR941281	8/25/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	0.2 J	<0.1	<0.1	<2.5	<0.2	-	-
GVP-FR941281	10/28/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	1.5	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-FR941281 (DUP)	7/18/2012		-	<0.08	<0.13	<0.14	<0.22	<0.57	2.08	<0.12	<0.11	<0.09	<1.16	<0.08	-	-
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	-	-
GVP-INF	9/19/2006		-	<0.1	0.1	<0.1	<0.3	0.1	42	0.4	<0.1	0.5	6.8	<0.2	-	-
GVP-INF	11/6/2006		-	<0.1	<0.1	<0.1	<0.3	<0.6	24	0.7	<0.1	0.3	5.1	<0.2	-	-
GVP-INF	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
GVP-INF	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
GVP-INF	9/4/2008		-	<0.1	<0.1	<0.1	<0.3	<0.6	10	0.2	<0.1	0.2	5.6	<0.2	-	-
GVP-INF	9/8/2008		-	<0.1	0.2	<0.1	<0.3	0.2	50	0.5	<0.1	1.4	29	<0.2	-	-

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-INF	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
GVP-INF	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
GVP-INF	12/29/2008		-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<0.500	<0.500	<2.50	-	<300	<100
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	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
GVP-INF	5/10/2010		-	<0.500	<0.500	<0.500	<0.500	<2.000	1	<0.500	<0.500	<0.500	<2.50	-	<300	<100
GVP-INF	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
GVP-INF	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	-	-
GVP-INF	10/25/2010		-	<0.5	<0.5	<0.5	<1	<3	2.96	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100
GVP-INF	1/11/2011		-	<0.5	<0.5	<0.5	<1	<3	73.8	1.00	<0.5	1.46	20	<0.5	-	-
GVP-INF	4/5/2011		-	<0.5	<0.5	<0.5	<1	<3	1.16	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	7/14/2011		-	<0.5	<0.5	<0.5	<1	<3	12.2	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	10/19/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	1/12/2012		-	<0.5	<0.5	<0.5	<1	<3	0.92	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	4/17/2012		-	<0.5	<0.5	<0.5	<1	<3	1.22	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	7/18/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	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	-	-

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-INF	10/4/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	1/17/2013		-	<0.5	<0.5	<0.5	<1	<3	4.99	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	4/24/2013		-	<0.5	<0.5	<0.5	<1	<3	7.46	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	5/8/2013		-	<0.5	<0.5	<0.5	<1	<3	4.91	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	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	-	-
GVP-INF	10/18/2013		-	<0.5	<0.5	<0.5	<1.00	<2.5	0.95	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF	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-INF	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	-	-
GVP-INF	7/8/2014		-	<0.500	<0.500	<0.500	<1.00	<2.500	2.1	<0.500	<0.500	<0.500	<2.50	<0.500	-	-
GVP-INF	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	1/22/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	9.9	0.1 J	<0.1	0.3 J	5.0 J	<0.2	-	-
GVP-INF	4/16/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-INF	8/25/2015			<0.1	<0.1	<0.1	<0.1	<0.4	1.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-INF	10/27/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	2.5	<0.1	<0.1	<0.1	3.4 J	<0.2	-	-
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	-	-
GVP-INF (DUP)	7/14/2011		-	<0.5	<0.5	<0.5	<1	<3	12.3	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-INF (DUP)	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	-	-
GVP-MID	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	-	-
GVP-MID	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
GVP-MID	10/3/2008		-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	<10	-	-	-
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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
GVP-MID	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	-	-
GVP-MID	10/25/2010		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	<100
GVP-MID	1/11/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	4/5/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	7/14/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	10/19/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	1/12/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	4/17/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	7/18/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	10/4/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	1/17/2013		-	<0.5	<0.5	<0.5	<1	<3	3.8	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	4/24/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	5/8/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-MID	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	-	-
GVP-MID	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	-	-
GVP-MID	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	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	-	-
GVP-MID	7/8/2014		-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<0.500	<0.500	<0.500	<2.50	<0.500	-	-
GVP-MID	10/30/2014		-	<0.500	<0.500	<0.500	<1.00	<2.500	1.03	<0.500	<0.500	<0.500	<2.50	<0.500	-	-
GVP-MID	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	-	-

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-MID	1/22/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	0.5 J	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-MID	4/16/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-MID	8/25/2015			<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-MID	10/27/2015		-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-EFF	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	-	-
GVP-EFF	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	-	-
GVP-EFF	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
GVP-EFF	10/3/2008		57,000	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	<10	-	-	-
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	1/15/2010	CARBON CHANGE	1,085,245	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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
GVP-EFF	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	-	-
GVP-EFF	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

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-EFF	1/11/2011		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-EFF	4/5/2011		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-EFF	7/14/2011		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-EFF	10/19/2011		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-EFF	1/12/2012		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-EFF	4/17/2012		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-EFF	7/18/2012		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-EFF	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	-	-
GVP-EFF	10/4/2012		NR	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-EFF	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	-	-
GVP-EFF	3/19/2013	CARBON CHANGE	NR	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-EFF	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	-	-
GVP-EFF	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	-	-
GVP-EFF	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	-	-
GVP-EFF	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	-	-
GVP-EFF	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	-	-
GVP-EFF	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	-	-
GVP-EFF	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	-	-
GVP-EFF	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	-	-
GVP-EFF	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-EFF	1/22/2015		5,588,453	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-EFF	3/12/2015	CARBON CHANGE	5,697,000	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-EFF	4/16/2015		5,773,153	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-EFF	8/25/2015		6,112,100	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
GVP-EFF	10/27/2015		6,278,700	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<2.5	<0.2	-	-
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	-	-
GVP-POU	1/17/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-POU	4/24/2013		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-
GVP-POU	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	-	-
GVP-POU	10/30/2014		-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5

HISTORICAL GVP POTABLE WELL AND 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)	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)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**
GVP-POU	4/16/2015		-	-	-	-	-	-	-	-	-	-	-	-	-	-

* 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, and Total Xylene. Total BTEX is a sum of detected concentrations of these chemicals, including estimated concentrations (identified with a "J").
EFF = Effluent sample location
gal = Gallons
GVP = Green Valley Plaza
INF = Influent sample location
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.
L12 = The prep
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
V8 = LCS value was outside the QC range. Data accepted based on acceptable check standard.
D1 = The Relevant Percent Difference (RPD) result exceeded the Quality Control (QC) control limits for the duplicate sample analyzed.

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 J	<2.0	<3.0	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-
GVSC-FR734918	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 J	<2.0	<3.0	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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	-	-	-	-	-	-	-
GVSC-FR734918	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-FR734918	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.1	<0.1	-	<0.1	<2.5	<0.2	-	-	<0.1	-	-	-	-	-	-	-
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 J	<2.0	<3.0	-	-	-	-	-
GVSC-FR736674	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 J	<2.0	<3.0	-	-	-	-	-
GVSC-FR736674	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 J	<2.0	<3.0	-	-	-	-	-
GVSC-FR736674	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 J	<2.0	<3.0	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-

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-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	-	-	-	-	-	-	-
GVSC-FR736674	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	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	-	<0.1	<2.5	<0.2	-	-	<0.1	-	-	-	-	-	-	-
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	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	-	-	-	-	-	-	-
GVSC-FR737687	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	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	0.1 J	<0.1	-	<0.1	<2.5	<0.2	-	-	1.2	-	-	-	-	-	-	-
GVSC-FR737687 (DUP)	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	-	-	-	-	<0.5	-	-	1.42	-	-	-	-	-	-	-
GVSC-FR737687 (DUP)	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.

Note: 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
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.
BTEX = Benzene, Toluene, Ethylbenzene, and Total Xylene. Total BTEX is a sum of detected concentrations of these chemicals, including estimated concentrations (identified with a "J").
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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
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	-
3923-ROSE-INF	5/21/2007	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	4.2	<5	1.3	<0.1	<0.1	-
3923-ROSE-INF	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	76	<5.0	2.5	<0.1	0.5	-
3923-ROSE-INF	7/18/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	360	5.7	<2.0	27	-
3923-ROSE-INF	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-INF	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	13	<0.1	<0.1	<0.1	-
3923-ROSE-INF	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	31	<0.1	<0.1	<0.1	-
3923-ROSE-INF	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	100	<0.1	<0.1	<0.1	-
3923-ROSE-INF	12/19/2007	-	-	<2.5	<2.5	<2.5	<7.5	<15.0	2,600	1,200	12	<2.5	68	-
3923-ROSE-INF	1/23/2008	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	2,200	930	10	<2.0	71	-
3923-ROSE-INF	2/13/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	520	6.8	<1.0	45	-
3923-ROSE-INF	3/12/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	400	5.8	<1.0	33	-
3923-ROSE-INF	4/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	54	5.1	1	<0.1	0.6	-
3923-ROSE-INF	5/5/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	6.5	<5.0	0.2	<0.1	0.1	-
3923-ROSE-INF	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	7.3	<5.0	0.5	<0.1	<0.1	-
3923-ROSE-INF	7/16/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	320	32	3.2	<0.5	4	-
3923-ROSE-INF	8/20/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	610	160	3.9	<0.5	16	-
3923-ROSE-INF	9/17/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	420	6.8	<0.5	31	-
3923-ROSE-INF	10/15/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	810	250	5.4	<0.5	24	-
3923-ROSE-INF	11/19/2008	-	-	1	<0.5	<0.5	<1.5	1	2,200	1,100	15	<0.5	65	-
3923-ROSE-INF	12/10/2008	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	2,300	1,100	13	<2.0	62	-
3923-ROSE-INF	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	613	99	-	-	-	-
3923-ROSE-INF	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	642	121	4.41	<0.500	10.9	-
3923-ROSE-INF	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	631	149	-	-	-	-
3923-ROSE-INF	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	503	55.3	4.39	<0.500	8.11	-
3923-ROSE-INF	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,480	806	12.8	<0.500	38.1	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-INF	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	2,600	1,190	10.7	<0.500	40.2	-
3923-ROSE-INF	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	48	16.6	2	<0.500	<0.500	-
3923-ROSE-INF	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,160	230	7.44	<0.500	18.2	-
3923-ROSE-INF	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	6.52	<2.50	0.98	<0.500	<0.500	-
3923-ROSE-INF	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	2.24	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	12.4	<2.50	2.44	<0.500	<0.500	-
3923-ROSE-INF	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	14.9	<2.5	2.73	<0.5	<0.5	-
3923-ROSE-INF	1/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	609	101	6.68	<0.5	8.5	-
3923-ROSE-INF	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	87.1	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	7/13/2011	-	-	<0.5	<0.5	<0.5	<1	<3	11.3	<2.5	2.57	<0.5	<0.5	-
3923-ROSE-INF	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	20.2	<2.5	3.3	<0.5	<0.5	-
3923-ROSE-INF	9/30/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2.81	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	0.86	<2.5	0.99	<0.5	<0.5	-
3923-ROSE-INF	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2.53 V8	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1.91	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	1/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	0.99	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	0.58	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.06	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	7/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	8/8/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.950	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	5.5
3923-ROSE-INF	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	1.44	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-INF	7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.12	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	10/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.51	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-INF	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.82	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	2/1/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	2.91	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.65	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.51	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.8	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-INF	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-INF	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.5 J	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-INF	9/15/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-INF	10/27/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<2.5	0.1 J	<0.1	<0.1	-
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	-
3923-ROSE-MID2	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	7/18/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	1/23/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	11	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	42	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	4/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	420	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	5/5/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	560	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	9/17/2008	-	-	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-MID2	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	12/10/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3923-ROSE-MID2	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3923-ROSE-MID2	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	14.7	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	37.6	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	14.8 V8	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	1/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	7/13/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1.53	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	1/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	7/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	5.8
3923-ROSE-MID2	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-MID2	4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-MID2	7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	10/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	32	188	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	31.4	198	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	2/1/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-MID2	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	9/15/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-MID2	10/27/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	6/13/2008	CARBON CHANGE	32,600	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	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	-
3923-ROSE-EFF	12/29/2008	-	53,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3923-ROSE-EFF	1/14/2009	-	55,200	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	1/30/2009	-	56,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3923-ROSE-EFF	2/11/2009	-	57,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	3/18/2009	-	60,400	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	4/8/2009	-	62,200	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	6/13/2009	CARBON CHANGE	75,000	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-EFF	7/15/2009	-	82,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	10/7/2009	-	94,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	1/13/2010	-	102,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	4/14/2010	-	112,400	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	7/21/2010	-	122,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	10/26/2010	-	132,400	<0.5	<0.5	<0.5	<1	<3	<0.5	14.1 V8	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	11/19/2010	CARBON CHANGE	133,500	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-EFF	1/10/2011	-	139,345	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	7/13/2011	-	150,310.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	8/19/2011	CARBON CHANGE	153,900	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-EFF	10/18/2011	-	157,097.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-EFF	1/12/2012	-	161,400.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	4/3/2012	-	166,200	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	6/14/2012	-	171,090.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	7/16/2012	-	172,300	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	8/8/2012	-	173,800	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-EFF	10/4/2012	-	178,300	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	5.9
3923-ROSE-EFF	12/10/2012	CARBON CHANGE	184,100	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-EFF	1/17/2013	-	190,106	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	4/23/2013	-	208,678.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-EFF	7/24/2013	-	229,229.3	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	10/18/2013	-	240,863.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	12/6/2013	CARBON CHANGE	243,600.0	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-EFF	1/9/2014	-	245,141.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	230	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	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	<0.500	-
3923-ROSE-EFF	2/1/2014	-	246,208.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	4/8/2014	-	249,300.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	7/8/2014	-	255,952	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	10/30/2014	-	261,642	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-EFF	1/22/2015	-	265,380	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-EFF	2/12/2015	CARBON CHANGE	266,700	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-EFF	4/16/2015	-	268,634	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-EFF	9/15/2015	-	276,326.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-EFF	10/27/2015	-	278,416.6	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3923-ROSE-POU	8/8/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3923-ROSE-POU	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	5.9
3923-ROSE-POU	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-POU	4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3923-ROSE-POU	10/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-INF	5/1/2007	-	-	0.4	ND	ND	0.2	1	1,100	590	6.2	ND	33	-
3990-FARM-INF	5/16/2007	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	770	440	4.5	<0.3	25	-
3990-FARM-INF	6/21/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	590	5.8	<1.0	33	-
3990-FARM-INF	7/18/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,500	720	5.7	<2.0	34	-
3990-FARM-INF	8/8/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	500	5.8	<1.0	44	-
3990-FARM-INF	9/26/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	950	470	4.7	<2.0	24	-
3990-FARM-INF	10/10/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	560	5.9	<2.0	33	-
3990-FARM-INF	11/14/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	520	6.6	<1.0	36	-
3990-FARM-INF	12/19/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,300	730	6.5	<2.0	37	-
3990-FARM-INF	1/23/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	530	5.4	<1.0	40	-
3990-FARM-INF	2/13/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	610	5.7	<1.0	42	-
3990-FARM-INF	3/12/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	510	5.6	<1.0	38	-
3990-FARM-INF	4/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	920	580	5.4	<1.0	28	-
3990-FARM-INF	5/21/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	920	610	4.8	<1.0	30	-
3990-FARM-INF	6/26/2008	-	-	<5.0	<5.0	<5.0	<15	<30	1,100	540	<5.0	<5.0	28	-
3990-FARM-INF	7/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	510	5.6	<1.0	29	-
3990-FARM-INF	8/20/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	520	4.7	<1.0	31	-
3990-FARM-INF	9/25/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,300	620	6.8	<0.5	36	-
3990-FARM-INF	10/15/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	450	5.9	<1.0	33	-
3990-FARM-INF	11/19/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,900	770	9.3	<1.0	45	-
3990-FARM-INF	12/11/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	620	7.6	<1.0	35	-
3990-FARM-INF	1/14/2009	-	-	0.82	<0.500	<0.500	<0.500	0.82	1,520	607	8.62	<0.500	39.7	-
3990-FARM-INF	2/11/2009	-	-	0.89	<0.500	<0.500	<0.500	0.89	2,090	838	10.5	<0.500	43.1	-
3990-FARM-INF	3/18/2009	-	-	0.77	<0.500	<0.500	<0.500	0.77	1,580	937	11.7	<0.500	38.3	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-INF	4/8/2009	-	-	0.93	<0.500	<0.500	<0.500	0.93	2,810	1,100	10.6	<0.500	48.3	-
3990-FARM-INF	7/15/2009	-	-	0.85	<0.500	<0.500	<0.500	0.85	1,380	913	12.4	<0.500	40.8	-
3990-FARM-INF	10/7/2009	-	-	0.58	<0.500	<0.500	<0.500	0.58	1,420	675	9.67	<0.500	30.1	-
3990-FARM-INF	1/13/2010	-	-	0.51	<0.500	<0.500	<0.500	0.51	1,260	485	7.47	<0.500	27.6	-
3990-FARM-INF	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,050	483	7.41	<0.500	24.4	-
3990-FARM-INF	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,770	350	8.39	<0.500	22	-
3990-FARM-INF	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	1,890	571	8.99	<0.5	27.5	-
3990-FARM-INF	12/8/2010	-	-	<0.5	<0.5	<0.5	<1	<3	2,640	579	13	<0.5	38.4	-
3990-FARM-INF	1/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	4,390 V8	596	11.1	<0.5	30.1	-
3990-FARM-INF	2/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2,870	500	10.1	<0.5	33.8	-
3990-FARM-INF	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2,020	204	8.38	<0.5	24.3	-
3990-FARM-INF	5/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,350	319	7.28	<0.5	19.4	-
3990-FARM-INF	6/7/2011	-	-	<0.5	<0.5	<0.5	<1	<3	563	308	6.38	<0.5	7.87	-
3990-FARM-INF	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,920	1,830 V8	9.77	<0.5	31.3	-
3990-FARM-INF	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	588	247	5.46	<0.5	15.6	-
3990-FARM-INF	9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	722	658	5.16	<0.5	19	-
3990-FARM-INF	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	526	262	4.77	<0.5	13.9	-
3990-FARM-INF	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	642 V8	346	5.87	<0.5	12.3	-
3990-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	568	322	5.38	<0.5	16.6	-
3990-FARM-INF	4/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	554	84.8 VH	4.75	<0.5	8.04	-
3990-FARM-INF	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	430	102 VH	3.74	<0.5	7.96	-
3990-FARM-INF	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	510 QK	306	4.59	<0.5	14.4	-
3990-FARM-INF	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	749	396	5.01	<0.5	14.2	-
3990-FARM-INF	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	555	223	<0.5	<0.5	13.6	5.6
3990-FARM-INF	1/16/2013	-	-	<0.5	<0.5	<0.5	<1	<3	688	309	5.01	<0.5	17.6	-
3990-FARM-INF	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	383 QK	88.9	3.51	<0.5	6.89	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-INF	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	305 QK	79.3	3.01	<0.5	5.91	-
3990-FARM-INF	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	619	106	3.76	<0.5	7.01	-
3990-FARM-INF	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	324	83.9	3.93	<0.500	6.50	-
3990-FARM-INF	11/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	333	110	2.93	<0.500	6.51	-
3990-FARM-INF	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	199	134	3.81	<0.500	7.84	-
3990-FARM-INF	1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	314	97.5	2.85	<0.500	6.13	-
3990-FARM-INF	5/21/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	160	5.00	1.78	<0.500	3.58	-
3990-FARM-INF	7/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	126	<2.50	1.82	<0.500	3.19	-
3990-FARM-INF	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	175	22.8	2.33	<0.500	3.69	-
3990-FARM-INF	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	170	35	1.9	<0.1	4.5	-
3990-FARM-INF	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	96	5.2 J	1.3	<0.1	2.8	-
3990-FARM-INF	8/26/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	160	16 J	1.4	<0.1	3.1	-
3990-FARM-INF	10/29/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	110	23 J	1.1	<0.1	2.8	-
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	-
3990-FARM-MID2	6/21/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	7/18/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	11/14/2007	-		<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	16	<0.1	<0.1	<0.1	-
3990-FARM-MID2	1/23/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	62	<0.1	<0.1	<0.1	-
3990-FARM-MID2	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	110	<0.1	<0.1	<0.1	-
3990-FARM-MID2	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	31	<0.1	<0.1	<0.1	-
3990-FARM-MID2	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	8.7	<0.1	<0.1	<0.1	-
3990-FARM-MID2	5/21/2008	-	-	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-MID2	6/26/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	12	<0.1	<0.1	<0.1	-
3990-FARM-MID2	9/25/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	54	<0.1	<0.1	<0.1	-
3990-FARM-MID2	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	110	<0.1	<0.1	<0.1	-
3990-FARM-MID2	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	12/11/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3990-FARM-MID2	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	14.4	<0.500	<0.500	<0.500	-
3990-FARM-MID2	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	839	<0.500	<0.500	<0.500	-
3990-FARM-MID2	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	377	<0.500	<0.500	<0.500	-
3990-FARM-MID2	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	12/8/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	1/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	2/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	31.9	<0.5	<0.5	<0.5	-
3990-FARM-MID2	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	5/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	6/7/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	13.2	<0.5	<0.5	<0.5	-
3990-FARM-MID2	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-MID2	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	10.2	<0.5	<0.5	<0.5	-
3990-FARM-MID2	4/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	7.19	<0.5	<0.5	<0.5	-
3990-FARM-MID2	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	91.2	<0.5	<0.5	<0.5	5.8
3990-FARM-MID2	1/16/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	19.3	<0.5	<0.5	<0.5	-
3990-FARM-MID2	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-MID2	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	6.93	<0.5	<0.5	<0.5	-
3990-FARM-MID2	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	11/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	5/21/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	7/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-MID2	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3990-FARM-MID2	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3990-FARM-MID2	8/26/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3990-FARM-MID2	10/29/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	2.9 J	<0.1	<0.1	<0.1	-
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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-EFF	11/14/2007	-	17,800	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	20	<0.1	<0.1	<0.1	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	2/27/2008	CARBON CHANGE	26,500	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	10/23/2008	CARBON CHANGE	86,150	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	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	-
3990-FARM-EFF	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	-
3990-FARM-EFF	1/14/2009	-	60,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	2/11/2009	-	62,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	3/18/2009	-	65,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	4/8/2009	-	67,100	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	7/15/2009	-	75,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	8/18/2009	CARBON CHANGE	78,500	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	10/7/2009	-	83,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	1/13/2010	-	92,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	4/14/2010	-	99,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	7/21/2010	-	109,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-EFF	8/16/2010	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	10/26/2010	-	117,269.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	12/8/2010	-	121,482.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	1/12/2011	-	124,411.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	2/8/2011	-	126,785.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	2/21/2011	CARBON CHANGE	127,900	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	4/4/2011	-	131,409.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	5/12/2011	-	134,470.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	6/7/2011	-	137,081.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	7/12/2011	-	140,400.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	8/19/2011	-	141,862.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	9/8/2011	CARBON CHANGE	141,862.5	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	10/18/2011	-	150,464.7	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	12/8/2011	-	155,556.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	1/31/2012	CARBON CHANGE	161,251.3	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	4/18/2012	-	167,420.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	5/21/2012	-	169,620	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	6/14/2012	-	171,417.12	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	7/12/2012	CARBON CHANGE	173,300	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	8/6/2012	-	173,431	-	-	-	-	-	-	-	-	-	-	
3990-FARM-EFF	10/12/2012	-	173,431.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	6.0
3990-FARM-EFF	11/12/2012	CARBON CHANGE	173,400	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	1/16/2013	-	173,431	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	2/21/2013	-	173,431.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	3/15/2013	CARBON CHANGE	173,432.5	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	5/23/2013	-	173,431	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-EFF	7/23/2013	-	173,431.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-EFF	8/12/2013	CARBON CHANGE	173,431.6	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	10/17/2013	-	173,431.6	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	11/15/2013	-	173,431.6	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	12/18/2013	-	173,431.5	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	1/8/2014	-	173,431	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	5/21/2014	-	173,431	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	7/9/2014	-	173,431	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	10/20/2014	-	0	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-EFF	10/30/2014	-	1,174	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3990-FARM-EFF	1/22/2015	-	7,095	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3990-FARM-EFF	4/16/2015	-	11,266	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3990-FARM-EFF	8/26/2015	-	20,150.59	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3990-FARM-EFF	10/29/2015	-	23,683.00	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3990-FARM-EFF	11/6/2015	CARBON CHANGE	24,300.00	-	-	-	-	-	-	-	-	-	-	-
3990-FARM-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-POU	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	6.8
3990-FARM-POU	1/16/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-POU	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3990-FARM-POU	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<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	-
3992-FARM-INF	5/30/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	630	330	3	<1.0	16	-
3992-FARM-INF	6/13/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	640	110	3.8	<1.0	17	-
3992-FARM-INF	7/18/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	930	440	4.6	<1.0	24	-
3992-FARM-INF	8/29/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	880	520	4.7	<1.0	25	-
3992-FARM-INF	9/26/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	500	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-INF	10/31/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	520	<0.1	<0.1	<0.1	-
3992-FARM-INF	11/7/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	8.4	<0.1	<0.1	<0.1	-
3992-FARM-INF	12/19/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	660	6.6	<1.0	37	-
3992-FARM-INF	1/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	530	5.6	<1.0	43	-
3992-FARM-INF	2/13/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	500	4.5	<1.0	30	-
3992-FARM-INF	3/12/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	380	5	<1.0	26	-
3992-FARM-INF	4/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	780	490	4.7	<1.0	22	-
3992-FARM-INF	5/5/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	850	390	4.1	<1.0	25	-
3992-FARM-INF	6/18/2008	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	500	270	3.3	<0.3	15	-
3992-FARM-INF	7/16/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	760	340	4.1	<0.5	19	-
3992-FARM-INF	8/20/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	990	460	4.3	<1.0	25	-
3992-FARM-INF	9/17/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,000	1,100	4.2	<1.0	24	-
3992-FARM-INF	10/15/2008	-	-	<1.0	1.1	<1.0	<3.0	1.1	1,300	500	6.2	<1.0	33	-
3992-FARM-INF	11/5/2008	-	-	<0.1	0.1	<0.1	<0.3	0.1	<0.1	140	<0.1	<0.1	<0.1	-
3992-FARM-INF	12/10/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	900	8.2	<1.0	39	-
3992-FARM-INF	1/14/2009	-	-	0.75	<0.500	<0.500	<0.500	0.75	1,750	1,230	8.16	<0.500	31.4	-
3992-FARM-INF	2/11/2009	-	-	0.69	<0.500	<0.500	<0.500	0.69	1,710	930	8.65	<0.500	31.8	-
3992-FARM-INF	3/18/2009	-	-	0.73	<0.500	<0.500	<0.500	0.73	1,460	906	10.7	<0.500	31.3	-
3992-FARM-INF	4/15/2009	-	-	0.51	<0.500	<0.500	<0.500	0.51	2,290	1,230	8.22	<0.500	35.9	-
3992-FARM-INF	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,020	413	7.07	<0.500	14.8	-
3992-FARM-INF	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,110	372	6.06	<0.500	16.8	-
3992-FARM-INF	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	381	15.6	3.57	<0.500	6.5	-
3992-FARM-INF	4/12/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	536	107	3.92	<0.500	7.87	-
3992-FARM-INF	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,280	98.6	6.58	<0.500	13	-
3992-FARM-INF	10/27/2010	-	-	<0.5	<0.5	<0.5	<1	<3	1,660	286	8.49	<0.5	21.3	-
3992-FARM-INF	11/30/2010	-	-	<0.5	<0.5	<0.5	<1	<3	1,370	436	9.36	<0.5	22.3	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-INF	3/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,300	206	6.55	<0.5	21.5	-
3992-FARM-INF	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,110	99.6	5.83	<0.5	13.4	-
3992-FARM-INF	5/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	500	18.9	4.8	<0.5	6.28	-
3992-FARM-INF	7/26/2011	-	-	<0.5	<0.5	<0.5	<1	<3	778	281	5.5	<0.5	13	-
3992-FARM-INF	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	649	168	4.22	<0.5	9.61	-
3992-FARM-INF	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	374	21.7	3.64	<0.5	6.99	-
3992-FARM-INF	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	962 V8	27.1	3.59	<0.5	6.45	-
3992-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	285	14.2	3.83	<0.5	6.43	-
3992-FARM-INF	1/25/2012	-	-	<0.5	<0.5	<0.5	<1	<3	323	102	4.75	<0.5	4.33	-
3992-FARM-INF	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	241 QK	12.4	3.28	<0.5	3.3	-
3992-FARM-INF	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	341	53.8 VH	3.15	<0.5	4.86	-
3992-FARM-INF	6/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	323 QK	129	3.1	<0.5	7.09	-
3992-FARM-INF	7/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	848	371	5.78	<0.5	8.87	-
3992-FARM-INF	8/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	316	30.4	3.3	<0.5	5.17	-
3992-FARM-INF	10/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	817	21	3.45	<0.5	5.87	5.6
3992-FARM-INF	11/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	252 VH	18.1	4.53 VH	<0.5	4.68 VH	-
3992-FARM-INF	12/24/2012	-	-	<0.5	<0.5	<0.5	<1	<3	285 QK	98.5	2.72	<0.5	6.64	-
3992-FARM-INF	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	475	96.4	3.7	<0.5	10.4	-
3992-FARM-INF	2/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	219 QK	10.1	3.19 VH	<0.5	3.37	-
3992-FARM-INF	3/27/2013	-	-	<0.5	<0.5	<0.5	<1	<3	95.9	9.05	2.04	<0.5	1.15	-
3992-FARM-INF	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	92.9	11.2	1.34	<0.5	1.08	-
3992-FARM-INF	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	133	<2.5	1.12	<0.5	1.99	-
3992-FARM-INF	7/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	343	9.63	2.38	<0.5	1.56	-
3992-FARM-INF	8/14/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	339	10	2.16	<0.500	1.67	-
3992-FARM-INF	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	7.92	<0.500	<0.500	<0.500	-
3992-FARM-INF	10/23/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	145	21	2.04	<1.00	2.88	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-INF	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	155	13.6	2.03	<0.500	2.24	-
3992-FARM-INF	2/18/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	80.6	3.5	1.23	<0.500	1.26	-
3992-FARM-INF	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	81.5	6.56	1.19	<0.500	1.58	-
3992-FARM-INF	7/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	50.2	<2.50	0.81	<0.500	0.85	-
3992-FARM-INF	11/6/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-INF	2/12/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	110	13 J	1.1	<0.1	2.1	-
3992-FARM-INF	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	56	3.2 J	0.7	<0.1	0.8	-
3992-FARM-INF	8/25/2015			<0.1	<0.1	<0.1	<0.1	<0.4	76	6.5 J	0.8	<0.1	1.3	-
3992-FARM-INF	10/27/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	87	4.1 J	0.9	<0.1	1.5	-
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	-
3992-FARM-MID2	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	7/18/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	8/29/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	9/26/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	8.3	<0.1	<0.1	<0.1	-
3992-FARM-MID2	10/31/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	17	<0.1	<0.1	<0.1	-
3992-FARM-MID2	11/7/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	18	<0.1	<0.1	<0.1	-
3992-FARM-MID2	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	1/16/2008	-	-	<0.1	0.1	<0.1	<0.3	0.1	<0.1	6.1	<0.1	<0.1	<0.1	-
3992-FARM-MID2	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	40	<0.1	<0.1	<0.1	-
3992-FARM-MID2	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	110	<0.1	<0.1	<0.1	-
3992-FARM-MID2	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	5/5/2008	-	-	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	6/18/2008	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	57	<0.1	<0.1	<0.1	-
3992-FARM-MID2	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	290	<0.1	<0.1	<0.1	-
3992-FARM-MID2	9/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	400	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-MID2	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	11/5/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	12/10/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3992-FARM-MID2	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	67.6	<0.500	<0.500	<0.500	-
3992-FARM-MID2	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	345	<0.500	<0.500	<0.500	-
3992-FARM-MID2	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	4/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	355	<0.500	<0.500	<0.500	-
3992-FARM-MID2	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	319	<0.500	<0.500	<0.500	-
3992-FARM-MID2	4/12/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	81.9	<0.500	<0.500	<0.500	-
3992-FARM-MID2	10/27/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	11/30/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	68.1	<0.5	<0.5	<0.5	-
3992-FARM-MID2	3/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	5/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	241	<0.5	<0.5	<0.5	-
3992-FARM-MID2	7/26/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	8.31	<0.5	<0.5	<0.5	-
3992-FARM-MID2	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	1/25/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	26.3	<0.5	<0.5	<0.5	-
3992-FARM-MID2	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	6/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	7/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	8/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	15.7	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-MID2	10/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	6.1
3992-FARM-MID2	11/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	12/24/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	2/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	3/27/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	41.9	<0.5	<0.5	<0.5	-
3992-FARM-MID2	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	7/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-MID2	8/14/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	10/23/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<1.00	-
3992-FARM-MID2	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<5.00	<0.500	<0.500	<0.500	-
3992-FARM-MID2	2/18/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	9.00	<0.500	<0.500	<0.500	-
3992-FARM-MID2	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	7/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	11/6/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-MID2	2/12/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	3.6 J	<0.1	<0.1	<0.1	-
3992-FARM-MID2	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3992-FARM-MID2	8/25/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3992-FARM-MID2	10/27/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	4/9/2008	CARBON CHANGE	44,100	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	8/20/2008	-	64,500	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	44	<0.1	<0.1	<0.1	-
3992-FARM-EFF	9/17/2008	-	69,000	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	150	<0.1	<0.1	<0.1	-
3992-FARM-EFF	10/8/2008	CARBON CHANGE	73,200	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	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	-
3992-FARM-EFF	1/14/2009	-	87,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	2/11/2009	-	91,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	3/4/2009	CARBON CHANGE	94,120	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	3/18/2009	-	96,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	4/15/2009	-	99,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	7/15/2009	-	114,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	8/11/2009	CARBON CHANGE	118,700	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	10/7/2009	-	131,100	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	1/13/2010	-	143,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	6.36	<0.500	<0.500	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-EFF	2/25/2010	CARBON CHANGE	153,400	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	4/12/2010	-	158,770	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	7/21/2010	-	177,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	20.7	<0.500	<0.500	<0.500	-
3992-FARM-EFF	9/2/2010	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	10/27/2010	-	191,261.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	11/30/2010	-	197,300	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	1/4/2011	CARBON CHANGE	201,000	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	3/10/2011	-	211,439	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	4/4/2011	-	215,540.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	5/11/2011	-	220,766.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	6/8/2011	CARBON CHANGE	225,300	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	7/26/2011	-	232,300	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	8/19/2011	CARBON CHANGE	235,800	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	10/18/2011	-	241,085.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	12/8/2011	-	247,436.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	1/25/2012	-	254,933	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	3/6/2012	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	4/3/2012	-	266,959	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	5/21/2012	-	274,884	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	6/13/2012	-	278,367.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	7/23/2012	-	284,832.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	8/23/2012	-	288,165	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	9/24/2012	CARBON CHANGE	293,981.2	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	10/17/2012	-	297,120.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	6.3
3992-FARM-EFF	11/14/2012	-	302,272.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	12/24/2012	-	305,763.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-EFF	1/17/2013	-	308,799	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	2/20/2013	-	312,182.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	3/27/2013	-	317,323	<0.5	<0.5	<0.5	<1	<3	<0.5	12.4	<0.5	<0.5	<0.5	-
3992-FARM-EFF	4/15/2013	CARBON CHANGE	320,410.4	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	5/23/2013	-	325,090	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	6/20/2013	-	329,212	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	7/24/2013	-	333,872.3	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-EFF	8/14/2013	-	337,204.3	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	9/11/2013	-	341,934.2	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	10/23/2013	-	348,725	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<1.00	-
3992-FARM-EFF	12/18/2013	-	355,125	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	2/18/2014	-	363,750	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	3/21/2014	CARBON CHANGE	367,500	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	4/8/2014	-	370,505	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	7/9/2014	-	378,813	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	11/6/2014	-	393,253.4	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3992-FARM-EFF	2/12/2015	-	404,428.0	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3992-FARM-EFF	3/27/2015	CARBON CHANGE	408,200	-	-	-	-	-	-	-	-	-	-	-
3992-FARM-EFF	4/16/2015	-	411,891	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3992-FARM-EFF	8/25/2015	-	422,633	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3992-FARM-EFF	10/27/2015	-	427,927	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3992-FARM-POU	8/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-POU	10/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	6.7
3992-FARM-POU	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-POU	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3992-FARM-POU	10/23/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<1.00	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-INF	4/24/2007	-	-	<1	<1	<1	<2	<5	480	300	3.3	<1	17	-
3994-FARM-INF	5/7/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	690	340	3.2	<1.0	18	-
3994-FARM-INF	5/16/2007	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	540	4.6	<0.5	28	-
3994-FARM-INF	6/13/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	560	4.9	<2.0	31	-
3994-FARM-INF	7/2/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	630	4.8	<2.0	30	-
3994-FARM-INF	8/8/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	420	4.3	<1.0	33	-
3994-FARM-INF	9/26/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	680	4.6	<2.0	27	-
3994-FARM-INF	10/12/2007	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	590	4.5	<2.0	26	-
3994-FARM-INF	11/14/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	930	430	4.6	<1.0	25	-
3994-FARM-INF	12/19/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	850	490	4	<1.0	23	-
3994-FARM-INF	1/23/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	750	330	2.7	<0.5	20	-
3994-FARM-INF	2/13/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	670	370	2.7	<0.5	19	-
3994-FARM-INF	3/12/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	610	250	2.4	<0.5	16	-
3994-FARM-INF	4/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	360	260	2	<1.0	9.7	-
3994-FARM-INF	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	240	130	1.7	<0.1	6.5	-
3994-FARM-INF	6/26/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	790	480	4	<1.0	21	-
3994-FARM-INF	7/16/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	580	5.9	<1.0	28	-
3994-FARM-INF	8/20/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	640	4.2	<1.0	27	-
3994-FARM-INF	9/17/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	920	710	5.7	<1.0	26	-
3994-FARM-INF	10/15/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	570	6.2	<1.0	33	-
3994-FARM-INF	11/19/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,600	1,200	8.3	<1.0	38	-
3994-FARM-INF	12/11/2008	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	810	6.4	<1.0	28	-
3994-FARM-INF	1/14/2009	-	-	0.62	<0.500	<0.500	<0.500	0.62	1,030	786	5.5	<0.500	20.2	-
3994-FARM-INF	2/11/2009	-	-	0.73	<0.500	<0.500	<0.500	0.73	1,360	741	7.53	<0.500	26.9	-
3994-FARM-INF	3/18/2009	-	-	0.58	<0.500	<0.500	<0.500	0.58	1,100	768	8.18	<0.500	22.1	-
3994-FARM-INF	4/15/2009	-	-	0.56	<0.500	<0.500	<0.500	0.56	1,780	1,140	5.92	<0.500	24.8	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-INF	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	861	660	8.14	<0.500	22	-
3994-FARM-INF	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	988	389	4.87	<0.500	14.8	-
3994-FARM-INF	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	578	195	4.08	<0.500	10.5	-
3994-FARM-INF	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	970	438	7.4	<0.500	18.5	-
3994-FARM-INF	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	878	284	8.08	<0.500	16.5	-
3994-FARM-INF	10/25/2010	-	-	<0.5	<0.5	<0.5	<1	<3	1,990	346	6.75	<0.5	15.2	-
3994-FARM-INF	1/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1,320	522	6.97	<0.5	15.7	-
3994-FARM-INF	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	932	59.6	4.5	<0.5	8.93	-
3994-FARM-INF	5/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	346	41.4	3.77	<0.5	3.5	-
3994-FARM-INF	6/7/2011	-	-	<0.5	<0.5	<0.5	<1	<3	368	112	5.09	<0.5	4.52	-
3994-FARM-INF	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	745	481 V8	5.37	<0.5	12	-
3994-FARM-INF	9/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	607	248	4.02	<0.5	12.2	-
3994-FARM-INF	9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	303	36.4	2.11	<0.5	5.52	-
3994-FARM-INF	10/20/2011	-	-	<0.5	<0.5	<0.5	<1	<3	328	35.9	2.34	<0.5	5.79	-
3994-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	709	96	3.28	<0.5	7.41	-
3994-FARM-INF	1/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	664	42.3	3.26	<0.5	4.07	-
3994-FARM-INF	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	217 QK	14.5	2.78	<0.5	3.06	-
3994-FARM-INF	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	256	73.5 VH	2.37	<0.5	4.33	-
3994-FARM-INF	6/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	174 QK	33.5	1.82	<0.5	3.54	-
3994-FARM-INF	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	284	110	3.1	<0.5	5.89	-
3994-FARM-INF	9/21/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	137 QK	7.93 VH	1.41 VH	<0.500	2.89	-
3994-FARM-INF	10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	173 QK	40.2	<0.5	<0.5	4.01	5.5
3994-FARM-INF	12/13/2012	-	-	<0.5	46.8	<0.5	<1	47	206 QK	107	2.08	<0.5	4.57	-
3994-FARM-INF	1/17/2013	-	-	<0.5	1.86	<0.5	<1	2	339	104	2.08	<0.5	5.52	-
3994-FARM-INF	2/21/2013	-	-	<0.5	1.11	<0.5	<1	1	150 QK	38	2.91 VH	<0.5	2.3	-
3994-FARM-INF	3/19/2013	-	-	<0.5	<0.5	<0.5	<1	<3	108 QK	30.8	1.94	<0.5	1.88	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-INF	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	112	28.7	<0.5	<0.5	2.16	-
3994-FARM-INF	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	110 QK	16.8	<0.5	<0.5	1.87	-
3994-FARM-INF	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	269	41.6	1.78	<0.5	2.49	-
3994-FARM-INF	8/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	296	19	1.5	<0.500	1.87	-
3994-FARM-INF	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	232	27	1.15	<0.500	1.86	-
3994-FARM-INF	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	104	18.4	1.2	<0.500	1.82	-
3994-FARM-INF	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	95.6	12.2	1.14	<0.500	1.64	-
3994-FARM-INF	1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	93.8	7.94	1.03	<0.500	1.57	-
3994-FARM-INF	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	53.5	3.31	0.91	<0.500	1.12	-
3994-FARM-INF	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	83.8	<2.50	0.930	<0.500	1.54	-
3994-FARM-INF	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	50.2	14.9	0.710	<0.500	1.08	-
3994-FARM-INF	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	40	6.8 J	0.500	<0.1	1	-
3994-FARM-INF	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	45	5.5 J	0.500	<0.1	0.8	-
3994-FARM-INF	8/26/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	40	2.8 J	0.4 J	<0.1	0.7	-
3994-FARM-INF	10/28/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	23	4.9 J	0.3 J	<0.1	0.6	-
3994-FARM-MID2	5/7/2007	-	-	<5.0	<5.0	<5.0	<15	<30	<5.0	290	<5.0	<5.0	<5.0	-
3994-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	-
3994-FARM-MID2	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	7/2/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	14	<0.1	<0.1	<0.1	-
3994-FARM-MID2	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	620	<0.1	<0.1	<0.1	-
3994-FARM-MID2	10/12/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	7.2	<0.1	<0.1	<0.1	-
3994-FARM-MID2	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	20	<0.1	<0.1	<0.1	-
3994-FARM-MID2	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	560	<0.1	<0.1	<0.1	-
3994-FARM-MID2	1/23/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	2/13/2008	-	-	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-MID2	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	41	<0.1	<0.1	<0.1	-
3994-FARM-MID2	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	300	<0.1	<0.1	<0.1	-
3994-FARM-MID2	6/26/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	9/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	440	<0.1	<0.1	<0.1	-
3994-FARM-MID2	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	12/11/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3994-FARM-MID2	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	334	<0.500	<0.500	<0.500	-
3994-FARM-MID2	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	4/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	7.84	<0.500	<0.500	<0.500	-
3994-FARM-MID2	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	16.6	<0.500	<0.500	<0.500	-
3994-FARM-MID2	10/25/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	1/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	103	<0.5	<0.5	<0.5	-
3994-FARM-MID2	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	5/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	6/7/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	23.1 D1	<0.5	<0.5	<0.5	-
3994-FARM-MID2	9/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-MID2	10/20/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	1/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	11.9	<0.5	<0.5	<0.5	-
3994-FARM-MID2	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	31.8 VH	<0.5	<0.5	<0.5	-
3994-FARM-MID2	6/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	9/21/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	26.6 VH	<0.500	<0.500	<0.500	-
3994-FARM-MID2	10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	26.6	<0.5	<0.5	<0.5	-
3994-FARM-MID2	12/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	3/19/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	10.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-MID2	8/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	6.87	<0.500	<0.500	<0.500	-
3994-FARM-MID2	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-MID2	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	4.8 J	<0.1	<0.1	<0.1	-
3994-FARM-MID2	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3994-FARM-MID2	8/26/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	4.6 J	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-MID2	10/28/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	10/10/2007	CARBON CHANGE	39,000	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	12/19/2007	-	69,400	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	560	<0.1	<0.1	<0.1	-
3994-FARM-EFF	1/11/2008	CARBON CHANGE	76,400	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	6/17/2008	CARBON CHANGE	105,700	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-
3994-FARM-EFF	11/1/2008	CARBON CHANGE	141,000	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	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	-
3994-FARM-EFF	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	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-EFF	1/14/2009	-	158,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	2/11/2009	-	166,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	3/4/2009	CARBON CHANGE	170,500	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	3/18/2009	-	173,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	4/15/2009	-	177,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	7/15/2009	-	202,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	44	<0.500	<0.500	<0.500	-
3994-FARM-EFF	8/17/2009	CARBON CHANGE	212,100	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	10/7/2009	-	231,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	1/13/2010	-	251,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	499	<0.500	<0.500	<0.500	-
3994-FARM-EFF	2/24/2010	CARBON CHANGE	271,200	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	4/14/2010	-	278,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	7/21/2010	-	278,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	131	<0.500	<0.500	<0.500	-
3994-FARM-EFF	8/27/2010	CARBON CHANGE	0	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	10/25/2010	-	11,057	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	1/4/2011	-	23,469	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	1/31/2011	CARBON CHANGE	27,700	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	4/5/2011	-	37,838.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	5/11/2011	-	43,547.8	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	6/7/2011	-	47,690.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	7/12/2011	-	53,356.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	9/8/2011	CARBON CHANGE	57,510	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	10/20/2011	-	68,468	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	12/8/2011	-	77,913.1	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	1/13/2012	-	82,969.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	2/8/2012	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	4/3/2012	-	96,362	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-EFF	5/21/2012	-	105,755	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	6/15/2012	CARBON CHANGE	112,167.7	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	6/18/2012	-	112,673.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	8/6/2012	-	121,138	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	9/21/2012	-	130,619	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	10/3/2012	-	133,162	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	10/26/2012	CARBON CHANGE	133,770	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	12/13/2012	-	146,777	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	1/17/2013	-	153,396	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	2/21/2013	-	159,700.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	3/19/2013	-	164,330	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	4/5/2013	CARBON CHANGE	167,400	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	5/23/2013	-	177,500	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	6/20/2013	-	181,623	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	7/23/2013	-	187,515	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-EFF	8/15/2013	-	190,876	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	9/11/2013	-	197,040	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	9/30/2013	CARBON CHANGE	200,800	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	10/17/2013	-	205,099	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	12/18/2013	-	217,829	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	1/8/2014	-	221,862	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	4/8/2014	-	239,801	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	7/8/2014	-	256,819	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	10/15/2014	CARBON CHANGE	273,200	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	10/30/2014	-	275,018	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3994-FARM-EFF	1/22/2015	-	297,100	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-EFF	2/13/2015	CARBON CHANGE	301,800	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	4/16/2015	-	316,171	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3994-FARM-EFF	8/26/2015	-	347,526	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3994-FARM-EFF	10/2/2015	CARBON CHANGE	355,500	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-EFF	10/28/2015	-	360,200	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3994-FARM-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-POU	10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	6.2
3994-FARM-POU	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-POU	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3994-FARM-POU	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<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	260	2	<0.1	12	-
3996-FARM-INF	5/3/2007	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	430	250	1.9	<0.5	12	-
3996-FARM-INF	6/13/2007	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	360	220	1.9	<0.5	11	-
3996-FARM-INF	7/18/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	390	230	1.6	<1.0	9.3	-
3996-FARM-INF	8/8/2007	-	-	<0.4	<0.4	<0.4	<1.2	<2.4	320	190	1.6	<0.4	9.3	-
3996-FARM-INF	9/27/2007	-	-	<0.4	<0.4	<0.4	<1.2	<2.4	330	220	1.6	<0.4	8.6	-
3996-FARM-INF	10/12/2007	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	250	180	1.4	<0.5	7.6	-
3996-FARM-INF	11/14/2007	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	240	140	1.1	<0.3	6.2	-
3996-FARM-INF	12/19/2007	-	-	<0.2	<0.2	<0.2	<0.6	<1.2	230	140	1.3	<0.2	6.5	-
3996-FARM-INF	2/13/2008	-	-	0.1	<0.1	<0.1	<0.3	0.1	220	110	0.9	<0.1	5.8	-
3996-FARM-INF	3/25/2008	-	-	0.1	<0.1	<0.1	<0.3	0.1	160	100	0.9	<0.1	5.3	-
3996-FARM-INF	4/16/2008	-	-	<0.2	<0.2	<0.2	<0.6	<1.2	150	99	0.8	<0.2	4.2	-
3996-FARM-INF	5/21/2008	-	-	0.1	<0.1	<0.1	<0.3	0.1	180	130	1.1	<0.1	6.2	-
3996-FARM-INF	6/18/2008	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	310	230	1.7	<0.3	9	-
3996-FARM-INF	7/23/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	350	220	1.7	<0.5	8.4	-
3996-FARM-INF	8/20/2008	-	-	0.3	<0.1	<0.1	<0.3	0.3	380	240	1.9	<0.1	10	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-INF	9/17/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	290	180	1.6	<0.5	6.6	-
3996-FARM-INF	10/15/2008	-	-	0.3	<0.3	<0.3	<0.8	0.3	370	220	1.9	<0.3	9.4	-
3996-FARM-INF	11/19/2008	-	-	<0.3	<0.3	<0.3	<0.8	<1.7	360	260	1.9	<0.3	7.9	-
3996-FARM-INF	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	276	91.7	1.63	<0.500	5.23	-
3996-FARM-INF	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	289	107	1.56	<0.500	4.97	-
3996-FARM-INF	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	379	104	-	-	-	-
3996-FARM-INF	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	208	17	1.35	<0.500	3.39	-
3996-FARM-INF	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	222	22.3	1.75	<0.500	2.66	-
3996-FARM-INF	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	182	7.35	1.35	<0.500	2	-
3996-FARM-INF	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	242	32.5	2.33	<0.500	2.58	-
3996-FARM-INF	10/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	23.7	<2.50	1.1	<0.500	<0.500	-
3996-FARM-INF	1/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	38.3	8.7	2.08	<0.500	<0.500	-
3996-FARM-INF	4/16/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-INF	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	29.9	<2.50	2.3	<0.500	<0.500	-
3996-FARM-INF	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	9.4	<2.5	1.39	<0.5	<0.5	-
3996-FARM-INF	1/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	15	<2.5	1.61	<0.5	<0.5	-
3996-FARM-INF	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	12.6	<2.5	1.36	<0.5	<0.5	-
3996-FARM-INF	7/13/2011	-	-	<0.5	<0.5	<0.5	<1	<3	18	<2.5	1.37	<0.5	<0.5	-
3996-FARM-INF	9/16/2011	-	-	<0.5	1.8 V8	<0.5	<1	2	246	87.8	<0.5	<0.5	3.1 V8	-
3996-FARM-INF	9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	142 L1	180	1.18	<0.5	3.4	-
3996-FARM-INF	11/11/2011	-	-	<0.5	0.5	<0.5	<1	1	212	103	<0.5	<0.5	3.87	-
3996-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	199	105	1.69	<0.5	4.29	-
3996-FARM-INF	2/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	192	39.4 VH	1.26	<0.5	2.76	-
3996-FARM-INF	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	104	35.6	1.25	<0.5	1.53	-
3996-FARM-INF	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	84.8	48.3	0.89	<0.5	1.77	-
3996-FARM-INF	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	103	62.7	1.16	<0.5	2.16	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-INF	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	52.6	29.4	<0.5	<0.5	0.87	5.6
3996-FARM-INF	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	68.9	40	<0.5	<0.5	1.52	-
3996-FARM-INF	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	61.5	31.6	<0.5	<0.5	0.73	-
3996-FARM-INF	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	48.6	20.4	0.6	<0.5	0.79	-
3996-FARM-INF	10/24/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	29.3	13.2	<1.00	<1.00	<1.00	-
3996-FARM-INF	1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	33.3	10.1	<0.500	<0.500	0.55	-
3996-FARM-INF	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	28.2	10.0	<0.500	<0.500	<0.500	-
3996-FARM-INF	4/14/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	28.7	15.4	<0.500	<0.500	<0.500	-
3996-FARM-INF	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	21.0	7.29	<0.500	<0.500	<0.500	-
3996-FARM-INF	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	13.7	6.82	<0.500	<0.500	<0.500	-
3996-FARM-INF	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	11	5.3 J	0.2 J	<0.1	0.3 J	-
3996-FARM-INF**	4/21/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3996-FARM-INF	5/5/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	13	5.3 J	0.2 J	<0.1	0.2 J	-
3996-FARM-INF	8/26/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	11	3 J	0.1 J	<0.1	0.2 J	-
3996-FARM-INF	10/27/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	7.1	3.8 J	<0.1	<0.1	0.1 J	-
3996-FARM-MID2	5/3/2007	-	-	<20	<20	<20	<60	<120	<20	<1,000	<20	<20	<20	-
3996-FARM-MID2	6/13/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3996-FARM-MID2	7/18/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	6.5	<0.1	<0.1	<0.1	-
3996-FARM-MID2	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	88	<0.1	<0.1	<0.1	-
3996-FARM-MID2	9/27/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	260	<0.1	<0.1	<0.1	-
3996-FARM-MID2	10/12/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3996-FARM-MID2	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3996-FARM-MID2	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	21	<0.1	<0.1	<0.1	-
3996-FARM-MID2	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3996-FARM-MID2	3/2/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	-	-	-	-	-
3996-FARM-MID2	3/25/2008	-	-	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-MID2	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3996-FARM-MID2	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	31	<0.1	<0.1	<0.1	-
3996-FARM-MID2	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	120	<0.1	<0.1	<0.1	-
3996-FARM-MID2	7/23/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3996-FARM-MID2	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	50	<0.1	<0.1	<0.1	-
3996-FARM-MID2	9/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	230	<0.1	<0.1	<0.1	-
3996-FARM-MID2	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3996-FARM-MID2	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	35	<0.1	<0.1	<0.1	-
3996-FARM-MID2	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	49.7	-	-	-	-
3996-FARM-MID2	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	10/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	1/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	4/16/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	10/26/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-MID2	1/10/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-MID2	4/5/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-MID2	7/13/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-MID2	11/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	6.61	<0.5	<0.5	<0.5	-
3996-FARM-MID2	2/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-MID2	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-MID2	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	88.4	<0.5	<0.5	<0.5	-
3996-FARM-MID2	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-MID2	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	32.4	<0.5	<0.5	<0.5	5.6
3996-FARM-MID2	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-MID2	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	9.12 VC	<0.5	<0.5	<0.5	-
3996-FARM-MID2	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	5.95	<0.5	<0.5	<0.5	-
3996-FARM-MID2	10/24/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<1.00	-
3996-FARM-MID2	1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	4/14/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	7.57	<0.500	<0.500	<0.500	-
3996-FARM-MID2	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-MID2	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3996-FARM-MID2**	4/21/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3996-FARM-MID2	5/5/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	2.9 J	<0.1	<0.1	<0.1	-
3996-FARM-MID2	8/26/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3996-FARM-MID2	10/27/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
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	-
3996-FARM-EFF	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	-
3996-FARM-EFF	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	-
3996-FARM-EFF	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	-
3996-FARM-EFF	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	-
3996-FARM-EFF	9/27/2007	-	60,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	180	<0.1	<0.1	<0.1	-
3996-FARM-EFF	10/9/2007	CARBON CHANGE	65,500	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	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	-
3996-FARM-EFF	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	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-EFF	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	-
3996-FARM-EFF	1/21/2008	CARBON CHANGE	81,800	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	2/13/2008	-	89,700	<0.1	<0.1	<0.1	<0.3	<0.6	2.4	16	<0.1	<0.1	<0.1	-
3996-FARM-EFF	3/2/2008	-	92,700	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	-	-	-	-	-
3996-FARM-EFF	3/21/2008	CARBON CHANGE	96,000	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	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	-
3996-FARM-EFF	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	-
3996-FARM-EFF	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	-
3996-FARM-EFF	6/18/2008	-	122,600	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	11	<0.1	<0.1	<0.1	-
3996-FARM-EFF	7/14/2008	CARBON CHANGE	134,600	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	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	-
3996-FARM-EFF	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	-
3996-FARM-EFF	9/17/2008	-	161,300	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	120	<0.1	<0.1	<0.1	-
3996-FARM-EFF	10/9/2008	CARBON CHANGE	172,000	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	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	-
3996-FARM-EFF	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	-
3996-FARM-EFF	12/9/2008	CARBON CHANGE	195,089	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	12/29/2008	-	202,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	1/14/2009	-	207,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	1/30/2009	-	215,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3996-FARM-EFF	2/11/2009	-	220,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	3/18/2009	-	228,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	4/8/2009	-	233,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	7/15/2009	-	264,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	10/8/2009	-	282,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	1/14/2010	-	302,200	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-EFF	4/16/2010	-	320,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	7/21/2010	-	351,600	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	10/26/2010	-	376,700	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	1/10/2011	-	396,290	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	4/5/2011	-	414,221.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	7/13/2011	-	439,031.2	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	9/16/2011	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	11/11/2011	-	463,566.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	2/16/2012	-	489,137.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	4/4/2012	-	497,188	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	6/14/2012	-	514,219.8	<0.5	<0.5	<0.5	<1	<3	<0.5	34.1	<0.5	<0.5	<0.5	-
3996-FARM-EFF	7/16/2012	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	8/8/2012	-	527,715.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	10/4/2012	-	546,788	<0.5	<0.5	<0.5	<1	<3	<0.5	34.3	<0.5	<0.5	<0.5	5.6
3996-FARM-EFF	10/26/2012	CARBON CHANGE	550,900	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	1/17/2013	-	567,833	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	2/21/2013	CARBON CHANGE	575,178.6	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	4/24/2013	-	586,301.9	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	5/17/2013	CARBON CHANGE	593,800	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	7/23/2013	-	622,077.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-EFF	8/9/2013	CARBON CHANGE	627,000.0	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	10/24/2013	-	635,321	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<5.00	<1.00	<1.00	<1.00	-
3996-FARM-EFF	1/9/2014	-	635,309	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	4/8/2014	-	635,307	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	4/14/2014	-	636,464	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	7/8/2014	-	661,446	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	5.13	<0.500	<0.500	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-EFF	8/25/2014	CARBON CHANGE	675,800	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	10/30/2014	-	390,988	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3996-FARM-EFF	1/22/2015	-	704,104	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3996-FARM-EFF**	4/21/2015	-	715,093	<0.1	<0.1	<0.1	<0.1	<0.4	13	3.9 J	0.2 J	<0.1	0.2 J	-
3996-FARM-EFF	5/5/2015	-	717,795	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3996-FARM-EFF	6/1/2015	CARBON CHANGE	725,700	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-EFF	8/26/2015	-	742,393	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3996-FARM-EFF	10/27/2015	-	758,321	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3996-FARM-POU	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-POU	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	39.2	<0.5	<0.5	<0.5	5.5
3996-FARM-POU	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3996-FARM-POU	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<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	<5.0	1.9	<0.1	0.1	-
3997-FARM-INF	5/1/2007	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	3.7	<5	0.2	<0.1	<0.1	-
3997-FARM-INF	6/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	140	19	2.7	<0.1	2.2	-
3997-FARM-INF	7/17/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	710	300	5.8	<1.0	20	-
3997-FARM-INF	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-INF	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	340	<0.1	<0.1	<0.1	-
3997-FARM-INF	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	490	<0.1	<0.1	<0.1	-
3997-FARM-INF	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	820	<0.1	<0.1	<0.1	-
3997-FARM-INF	12/19/2007	-	-	1.1	<1.0	<1.0	<3.0	1.1	3,300	1,500	18	<1.0	100	-
3997-FARM-INF	1/16/2008	-	-	<2.0	<2.0	<2.0	<6.0	<12.0	2,700	1,000	13	<2.0	93	-
3997-FARM-INF	2/13/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	640	210	4	<0.5	18	-
3997-FARM-INF	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	130	7.4	1.6	<0.1	3.5	-
3997-FARM-INF	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	110	24	1.4	<0.1	2.3	-
3997-FARM-INF	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	130	18	1.5	<0.1	3.1	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3997-FARM-INF	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	56	13	0.9	<0.1	1	-
3997-FARM-INF	7/16/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	460	77	4.2	<0.5	8.2	-
3997-FARM-INF	8/20/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	690	200	4.8	<0.5	20	-
3997-FARM-INF	9/17/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	400	7	<0.5	30	-
3997-FARM-INF	10/15/2008	-	-	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	400	6.4	<0.5	33	-
3997-FARM-INF	11/19/2008	-	-	0.9	<0.5	<0.5	<1.5	0.9	2,100	980	14	<0.5	63	-
3997-FARM-INF	12/10/2008	-	-	1.4	<1.0	<1.0	<3.0	1.4	2,800	1,500	16	<1.0	80	-
3997-FARM-INF	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	500	66.2	-	-	-	-
3997-FARM-INF	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	493	79.2	3	<0.500	8.95	-
3997-FARM-INF	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	426	61.3	-	-	-	-
3997-FARM-INF	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	1,110	274	7.7	<0.500	23.3	-
3997-FARM-INF	3/18/2009	-	-	0.89	<0.500	<0.500	<0.500	0.89	2,060	1,120	17	<0.500	53.3	-
3997-FARM-INF	4/8/2009	-	-	0.87	<0.500	<0.500	<0.500	0.87	3,680	1,700	14.5	<0.500	61.8	-
3997-FARM-INF	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	136	21.5	3.04	<0.500	1.89	-
3997-FARM-INF	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	608	93.1	6.49	<0.500	8.22	-
3997-FARM-INF	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	21.5	<2.50	1.35	<0.500	<0.500	-
3997-FARM-INF	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	6.87	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-INF	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	20.5	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-INF	10/25/2010	-	-	<0.5	<0.5	<0.5	<1	<3	60.7	<2.5	3.07	<0.5	<0.5	-
3997-FARM-INF	1/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2,010	446	9.18	<0.5	21.1 V4	-
3997-FARM-INF	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	119	<2.5	1.83	<0.5	1.73	-
3997-FARM-INF	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	34.3	<2.5	3.88	<0.5	<0.5	-
3997-FARM-INF	8/15/2011	-	-	<0.5	<0.5	<0.5	<1	<3	83.5	<2.5	4.98	<0.5	0.76	-
3997-FARM-INF	9/30/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	10/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	7.68	<2.5	1.15	<0.5	<0.5	-
3997-FARM-INF	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3997-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	6.45	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	1/11/2012	-	-	<0.5	<0.5	<0.5	<1	<3	3.62	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.71	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.07	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	7/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	2.35	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.33	<2.5	<0.5	<0.5	<0.5	5.4
3997-FARM-INF	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	6.05	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-INF	7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.72	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-INF	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-INF	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.57	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-INF	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.12	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-INF	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.11	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-INF	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	1.20	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-INF	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	2.4	<2.5	0.2 J	<0.1	<0.1	-
3997-FARM-INF	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1	<2.5	<0.1	<0.1	<0.1	-
3997-FARM-INF	8/26/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<2.5	<0.1	<0.1	<0.1	-
3997-FARM-INF	10/27/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.9	<2.5	0.2 J	<0.1	<0.1	-
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	-
3997-FARM-MID2	8/8/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	9/26/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	10/10/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	11/14/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	40	<0.1	<0.1	<0.1	-
3997-FARM-MID2	12/19/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	130	<0.1	<0.1	<0.1	-
3997-FARM-MID2	1/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	400	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3997-FARM-MID2	2/13/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	3/12/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	4/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	5/21/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	6/18/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	10	<0.1	<0.1	<0.1	-
3997-FARM-MID2	7/16/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	14	<0.1	<0.1	<0.1	-
3997-FARM-MID2	8/20/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	7.3	<0.1	<0.1	<0.1	-
3997-FARM-MID2	9/17/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	6.3	<0.1	<0.1	<0.1	-
3997-FARM-MID2	10/15/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	11/19/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	12/10/2008	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<5.0	<0.1	<0.1	<0.1	-
3997-FARM-MID2	12/29/2008	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3997-FARM-MID2	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	1/30/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3997-FARM-MID2	2/11/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	3/18/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	127	<0.500	<0.500	<0.500	-
3997-FARM-MID2	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	6.76	<0.500	<0.500	<0.500	-
3997-FARM-MID2	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	10/25/2010	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	1/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	4/4/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	286 V8	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3997-FARM-MID2	10/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	1/11/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	7/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	5.4
3997-FARM-MID2	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-MID2	7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-MID2	1/22/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3997-FARM-MID2	4/16/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3997-FARM-MID2	8/26/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3997-FARM-MID2	10/27/2015	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	2/8/2008	CARBON CHANGE	34,000	-	-	-	-	-	-	-	-	-	-	-

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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	4/4/2008	CARBON CHANGE	42,900	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	10/10/2008	CARBON CHANGE	74,900	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	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	-
3997-FARM-EFF	12/29/2008	-	85,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3997-FARM-EFF	1/14/2009	-	86,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	1/30/2009	-	88,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	-	-	-	-
3997-FARM-EFF	2/11/2009	-	89,900	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	3/18/2009	-	93,500	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	4/6/2009	CARBON CHANGE	95,899	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	4/8/2009	-	96,100	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	10.5	<0.500	<0.500	<0.500	-
3997-FARM-EFF	7/15/2009	-	112,800	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	10/7/2009	-	130,000	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	1/13/2010	-	140,300	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	6.76	<0.500	<0.500	<0.500	-
3997-FARM-EFF	4/14/2010	-	150,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	7/21/2010	-	150,700	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	10/25/2010	-	185,928	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3997-FARM-EFF	1/12/2011	-	194,578	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	4/4/2011	-	205,526.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	7/12/2011	-	219,989.6	<0.5	<0.5	<0.5	<1	<3	<0.5	302 V8	<0.5	<0.5	<0.5	-
3997-FARM-EFF	8/19/2011	CARBON CHANGE	225,500	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	10/19/2011	-	232,714.6	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	1/11/2012	-	242,857.5	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	4/4/2012	-	254,177	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	6/14/2012	-	264,051.1	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	7/17/2012	-	270,156.0	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	8/6/2012	-	272,870.6	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	10/4/2012	-	282,556	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	5.4
3997-FARM-EFF	12/10/2012	CARBON CHANGE	290,500	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	1/17/2013	-	294,706	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	2/21/2013	-	299,188.1	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	4/24/2013	-	306,775.7	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-EFF	7/24/2013	-	321,300.0	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	10/17/2013	-	333,999	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	12/23/2013	CARBON CHANGE	342,600	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	1/24/2014	-	347,057	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	4/8/2014	-	355,598	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	7/8/2014	-	369,072	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	10/30/2014	-	386,135	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-
3997-FARM-EFF	1/22/2015	-	393,794	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3997-FARM-EFF	2/20/2015	CARBON CHANGE	396,300	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-EFF	4/16/2015	-	401,534	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3997-FARM-EFF	8/26/2015	-	419,584.3	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<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 methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**
3997-FARM-EFF	10/27/2015	-	427,694.9	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1	-
3997-FARM-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-POU	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	5.8
3997-FARM-POU	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-POU	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<0.5	-
3997-FARM-POU	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500	-

* GW Clean-up Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-up Standards for Type I and II Aquifers
** Resident was resampled May 5, 2015 due to suspected mislabeling of samples

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 = Benzene, Toluene, Ethylbenzene, and Total Xylene. Total BTEX is a sum of detected concentrations of these chemicals, including estimated concentrations (identified with a "J").
<# = Less than the method detection limit (#).
EFF = Effluent sample location
INF = Influent sample location
L1 = This result was above the calibration range; therefore it is an estimated value.
mg/L = Milligrams/Liter
MID2 = Second midfluent sample location
MTBE = Methyl Tertiary Butyl Ether
NA = Not Available or Not Analyzed for that specific compound
ND = Not Detected (# is method detection limit)
POU = Point-of-use sample location
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.
D1 = The Relevant Percent Difference (RPD) result exceeded the QC control limits for the duplicate sample analyzed.
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3717-BLUE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3719-BLUE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3723-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
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
3725-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3726-BLUE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3727-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3729-BLUE-INF	5/23/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3731-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3732-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3733-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
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	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.2	<5.0	<0.1	<0.1	<0.1
3737-BLUE-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	0.68	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	0.66	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	1/11/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	10/20/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	5/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	11/14/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3737-BLUE-INF	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3737-BLUE-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3737-BLUE-INF	2/12/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<0.500
3739-BLUE-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3739-BLUE-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3739-BLUE-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3739-BLUE-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3739-BLUE-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3739-BLUE-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3739-BLUE-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3739-BLUE-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3739-BLUE-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	1/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	10/18/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	1/13/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3739-BLUE-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3739-BLUE-INF	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50 2b	<0.500	<0.500	<0.500
3739-BLUE-INF	4/15/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50 2b	<0.500	<0.500	<0.500
3717-BLUE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3719-BLUE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3723-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	4/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.2	<5.0	<0.1	<0.1	<0.1

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3740-BLUE-INF	10/12/2007	<0.1	1.9	<0.1	<0.3	1.9	0.5	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	11/14/2007	<0.1	0.3	<0.1	<0.3	0.3	0.5	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
3740-BLUE-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3740-BLUE-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	11/19/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3740-BLUE-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.2	<2.5	<0.1	<0.1	<0.1
3740-BLUE-INF	4/16/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.2	<2.5	<0.1	<0.1	<0.1
3740-BLUE-INF	8/26/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.2	<2.5	<0.1	<0.1	<0.1
3740-BLUE-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3816-GRNR-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3817-GRNR-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3818-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3819-GRNR-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3820-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3821-GRNR-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3822-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3823-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3825-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3826-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3828-GRNR-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
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
3829-GRNR-INF	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3829-GRNR-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3829-GRNR-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3829-GRNR-INF	4/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3829-GRNR-INF	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3829-GRNR-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3829-GRNR-INF	10/26/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	2/8/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	8/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	10/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3829-GRNR-INF	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3829-GRNR-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3829-GRNR-INF	3/25/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3829-GRNR-INF	6/4/2014	<0.500	<0.500	<0.500	<1.00	<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	<0.500
3830-GRNR-INF	4/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3831-GRNR-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
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	<0.2	<5.0	<0.1	<0.1	<0.1
3833-GRNR-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3833-GRNR-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3833-GRNR-INF	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3833-GRNR-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3833-GRNR-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3833-GRNR-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3833-GRNR-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3833-GRNR-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3833-GRNR-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3833-GRNR-INF	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3833-GRNR-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3833-GRNR-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3833-GRNR-INF	7/20/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3833-GRNR-INF	10/28/2010	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3833-GRNR-INF	1/12/2011	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3833-GRNR-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3833-GRNR-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3833-GRNR-INF	1/12/2012	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3833-GRNR-INF	5/21/2012	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3833-GRNR-INF	8/21/2012	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3833-GRNR-INF	12/13/2012	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3833-GRNR-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3835-GRNR-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.2	<5.0	<0.1	<0.1	<0.1
3835-GRNR-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.2	<5.0	<0.1	<0.1	<0.1
3835-GRNR-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.2	<5.0	<0.1	<0.1	<0.1
3835-GRNR-INF	12/20/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.2	<5.0	<0.1	<0.1	<0.1
3835-GRNR-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.2	<5.0	<0.1	<0.1	<0.1
3835-GRNR-INF	8/12/2009	<0.500	<0.500	<0.500	<0.500	<2.000	0.81	<0.500	<2.50	<0.500	<0.500	<0.500
3835-GRNR-INF	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3835-GRNR-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3835-GRNR-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3835-GRNR-INF	11/23/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	1/11/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	1/13/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	1/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	9/3/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3835-GRNR-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3835-GRNR-INF	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3835-GRNR-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3835-GRNR-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3835-GRNR-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
3835-GRNR-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3836-GRNR-INF	11/25/2009	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00
3837-GRNR-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.3	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.5	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	12/20/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.6	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.8	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	2.2	<0.2	<5.0	<0.1	<0.1	<0.1
3837-GRNR-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1.39	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1.31	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	10/23/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	1/11/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3837-GRNR-INF	10/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	4/16/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	7/31/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3837-GRNR-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
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	<0.2	<5.0	<0.1	<0.1	<0.1
3905-ROSE-INF	6/8/2007	<0.1	0.1	<0.1	<0.3	0.1	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3906-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	6.4	<0.1	<0.1	<0.1
3907-ROSE-INF	5/30/2007	<0.1	0.3	<0.1	<0.3	0.3	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
3908-ROSE-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3909-ROSE-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
3913-CHCR-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3913-ROSE-INF	6/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3914-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3915-CHCR-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3916-ROSE-INF	6/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3918-ROSE-INF	4/17/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
3919-CHCR-INF	5/24/2007	<0.1	0.2	<0.1	<0.3	0.2	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
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
3923-ROSE-INF (DUP)	7/13/2011	<0.5	<0.5	<0.5	<1	<3	11	<0.5	<2.5	2.52	<0.5	<0.5
3923-ROSE-INF (DUP)	1/12/2012	<0.5	<0.5	<0.5	<1	<3	0.95	<0.5	-	-	-	-
3923-ROSE-INF (DUP)	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	170	<0.2	<5.0	1.5	<0.1	4.9
3923-ROSE-INF	5/21/2007	<0.1	<0.1	<0.1	<0.2	<0.5	4.2	<0.2	<5	1.3	<0.1	<0.1
3923-ROSE-INF	6/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	76	<0.2	<5.0	2.5	<0.1	0.5
3923-ROSE-INF	7/18/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<4.0	360	5.7	<2.0	27
3923-ROSE-INF	8/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3923-ROSE-INF	9/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	13	<0.1	<0.1	<0.1
3923-ROSE-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	31	<0.1	<0.1	<0.1
3923-ROSE-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	100	<0.1	<0.1	<0.1
3923-ROSE-INF	12/19/2007	<2.5	<2.5	<2.5	<7.5	<15.0	2,600	<5.0	1,200	12	<2.5	68
3923-ROSE-INF	1/23/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,200	<4.0	930	10	<2.0	71
3923-ROSE-INF	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<2.0	520	6.8	<1.0	45
3923-ROSE-INF	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<2.0	400	5.8	<1.0	33
3923-ROSE-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	54	<0.2	5.1	1	<0.1	0.6
3923-ROSE-INF	5/5/2008	<0.1	<0.1	<0.1	<0.3	<0.6	6.5	<0.2	<5.0	0.2	<0.1	0.1
3923-ROSE-INF	6/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	7.3	<0.2	<5.0	0.5	<0.1	<0.1
3923-ROSE-INF	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	320	<1.0	32	3.2	<0.5	4
3923-ROSE-INF	8/20/2008	<0.5	<0.5	<0.5	<1.5	<3.0	610	<1.0	160	3.9	<0.5	16
3923-ROSE-INF	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	<1.0	420	6.8	<0.5	31
3923-ROSE-INF	10/15/2008	<0.5	<0.5	<0.5	<1.5	<3.0	810	<1.0	250	5.4	<0.5	24
3923-ROSE-INF	11/19/2008	1	<0.5	<0.5	<1.5	1	2,200	<1.0	1,100	15	<0.5	65
3923-ROSE-INF	12/10/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,300	<4.0	1,100	13	<2.0	62
3923-ROSE-INF	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.000	613	-	99	-	-	-
3923-ROSE-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	642	<0.500	121	4.41	<0.500	10.9

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-INF	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.000	631	-	149	-	-	-
3923-ROSE-INF	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.000	503	<0.500	55.3	4.39	<0.500	8.11
3923-ROSE-INF	3/18/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,480	<0.500	806	12.8	<0.500	38.1
3923-ROSE-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	2,600	<0.500	1,190	10.7	<0.500	40.2
3923-ROSE-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	48	<0.500	16.6	2	<0.500	<0.500
3923-ROSE-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,160	<0.500	230	7.44	<0.500	18.2
3923-ROSE-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	6.52	<0.500	<2.50	0.98	<0.500	<0.500
3923-ROSE-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	2.24	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	12.4	<0.500	<2.50	2.44	<0.500	<0.500
3923-ROSE-INF	10/26/2010	<0.5	<0.5	<0.5	<1	<3	14.9	<0.5	<2.5	2.73	<0.5	<0.5
3923-ROSE-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	609	<0.5	101	6.68	<0.5	8.5
3923-ROSE-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<3	87.1	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	7/13/2011	<0.5	<0.5	<0.5	<1	<3	11.3	<0.5	<2.5	2.57	<0.5	<0.5
3923-ROSE-INF	8/19/2011	<0.5	<0.5	<0.5	<1	<3	20.2	<0.5	<2.5	3.3	<0.5	<0.5
3923-ROSE-INF	9/30/2011	<0.5	<0.5	<0.5	<1	<3	2.81	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	10/18/2011	<0.5	<0.5	<0.5	<1	<3	0.86	<0.5	<2.5	0.99	<0.5	<0.5
3923-ROSE-INF	11/16/2011	<0.5	<0.5	<0.5	<1	<3	2.53 V8	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	1.91	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	1/12/2012	<0.5	<0.5	<0.5	<1	<3	0.99	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	4/3/2012	<0.5	<0.5	<0.5	<1	<3	0.58	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	6/14/2012	<0.5	<0.5	<0.5	<1	<3	1.06	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	8/8/2012	<0.500	<0.500	<0.500	<1.00	<2.50	0.950	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	1.44	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-INF	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	1.12	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	10/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	0.51	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	1/24/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.82	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	2/1/2014	<0.500	<0.500	<0.500	<1.00	<2.50	2.91	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.65	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.510	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.800	<0.500	<2.50	<0.500	<0.500	<0.500
3923-ROSE-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.2	<2.5	<0.1	<0.1	<0.1
3923-ROSE-INF	4/16/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.5 J	<0.2	<2.5	<0.1	<0.1	<0.1
3923-ROSE-INF	9/15/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<0.2	<2.5	<0.1	<0.1	<0.1
3923-ROSE-INF	10/27/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<0.2	<2.5	0.1 J	<0.1	<0.1
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	<0.500
3923-ROSE-POU	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3923-ROSE-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-POU	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
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	<0.2	<5.0	<0.1	<0.1	<0.1
3931-ROSE-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3932-ROSE-INF	5/30/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3933-ROSE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3934-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3936-ROSE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3937-ROSE-INF	6/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3939-ROSE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3978-RYEL-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	0.2	<0.1	<0.1
3978-RYEL-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	0.2	<0.1	<0.1
3978-RYEL-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	0.1	<0.1	<0.1
3978-RYEL-INF	4/16/2008	<0.1	0.2	<0.1	<0.3	0.2	0.2	<0.2	<5.0	0.1	<0.1	<0.1
3978-RYEL-INF	7/16/2008	<0.1	0.3	<0.1	<0.3	0.3	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3978-RYEL-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	0.1	<0.1	<0.1
3979-FARM-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3979-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3979-FARM-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3979-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3979-FARM-INF	7/27/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3979-FARM-INF	1/11/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3979-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3979-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3979-FARM-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3979-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3979-FARM-INF	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3979-FARM-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3979-FARM-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3979-FARM-INF	2/12/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
3979-FARM-POU	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3980-RYEL-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3980-RYEL-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3980-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3981-FARM-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3981-FARM-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3981-FARM-INF	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3981-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3981-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3981-FARM-INF	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3981-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3981-FARM-INF	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3981-FARM-INF	1/17/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3981-FARM-INF	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3981-FARM-INF	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3981-FARM-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3981-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3981-FARM-INF	8/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3981-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3981-FARM-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3981-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<0.500
3981-RYEL-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3982-RYEL-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3982-RYEL-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3982-RYEL-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3982-RYEL-INF	4/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3982-RYEL-INF	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	4/16/2008	<0.1	0.4	<0.1	<0.3	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3983-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3983-FARM-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3983-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3983-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3983-FARM-INF	1/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3983-FARM-INF	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3983-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3983-FARM-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3983-FARM-INF	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3983-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3983-FARM-INF	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3983-FARM-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3983-FARM-INF	7/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3983-FARM-INF	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
3983-FARM-POU	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3984A-FARM-INF	10/10/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984A-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984A-FARM-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984A-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984A-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984A-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984A-FARM-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984A-FARM-INF	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984A-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984A-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984A-FARM-INF	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984A-FARM-INF	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984A-FARM-INF	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984A-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984A-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984A-FARM-INF	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984A-FARM-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984A-FARM-INF	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
3984A-FARM-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	2/20/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984-FARM-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3984-FARM-INF	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984-FARM-INF	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984-FARM-INF	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3984-FARM-INF	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984-FARM-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3984-FARM-INF	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
3984-FARM-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3984-RYEL-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-RYEL-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3984-RYEL-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3985-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3985-FARM-INF	10/8/2007	<0.1	0.1	0.6	3.1	3.8	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3985-FARM-INF	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3985-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3985-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3985-FARM-INF	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3985-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3985-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	7/20/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	10/27/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	11/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	4/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3985-FARM-INF	7/24/2013	<0.500	37.6	<0.500	<1.00	37.6	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3985-FARM-INF	8/15/2013	<0.500	17.3	<0.500	<1.00	17.3	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	10/17/2013	<0.500	3.89	<0.500	<1.00	3.89	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	1/8/2014	<0.500	0.54	<0.500	<1.00	0.54	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	4/15/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	8/28/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3985-FARM-INF	1/27/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<0.500
3985-RYEL-INF	5/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3986-RYEL-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3986-RYEL-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3986-RYEL-INF	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3986-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3986-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3986-RYEL-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	2/27/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	10/17/2008	<0.1	0.3	<0.1	<0.3	0.3	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	11/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3987-FARM-INF	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	1/15/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	7/23/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	10/26/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	11/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3987-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3987-FARM-INF	10/18/2013	<0.500	<0.500	<0.500	<1.00	<2.5	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3987-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<0.500
3987-RYEL-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3988-RYEL-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3988-RYEL-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3988-RYEL-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3988-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3988-RYEL-INF	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
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	<0.5
3989-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	11/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	2/20/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3989-FARM-INF	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	7/27/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	10/26/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	1/17/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	11/16/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	3/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	6/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	8/23/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	1/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3989-FARM-INF	5/22/2013	<0.5	<0.5	<0.5	<1	<3	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3989-FARM-INF	8/16/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	11/26/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	1/13/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	4/17/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	8/28/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3989-FARM-INF	4/21/2015	<0.1	<0.1	<0.1	<0.1	<0.4	11	<0.2	<2.5	<0.1	<0.1	<0.1
3989-FARM-POU	8/23/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
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
3990-FARM-INF (DUP)	7/12/2011	<0.5	<0.5	<0.5	<1	<3	2,050	<0.5	1,920	8.09	<0.5	25.8
3990-FARM-INF (DUP)	4/18/2012	<0.5	<0.5	<0.5	<1	<3	622	<0.5	273	4.72	<0.5	9.95
3990-FARM-INF	5/1/2007	0.4	ND	ND	0.2	1	1,100	ND	590	6.2	ND	33
3990-FARM-INF	5/16/2007	<0.3	<0.3	<0.3	<0.8	<1.7	770	<0.5	440	4.5	<0.3	25
3990-FARM-INF	6/21/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<2.0	590	5.8	<1.0	33
3990-FARM-INF	7/18/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,500	<4.0	720	5.7	<2.0	34
3990-FARM-INF	8/8/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<2.0	500	5.8	<1.0	44
3990-FARM-INF	9/26/2007	<2.0	<2.0	<2.0	<6.0	<12.0	950	<4.0	470	4.7	<2.0	24
3990-FARM-INF	10/10/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<4.0	560	5.9	<2.0	33
3990-FARM-INF	11/14/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<2.0	520	6.6	<1.0	36
3990-FARM-INF	12/19/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,300	<4.0	730	6.5	<2.0	37
3990-FARM-INF	1/23/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<2.0	530	5.4	<1.0	40
3990-FARM-INF	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<2.0	610	5.7	<1.0	42
3990-FARM-INF	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<2.0	510	5.6	<1.0	38
3990-FARM-INF	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<2.0	580	5.4	<1.0	28
3990-FARM-INF	5/21/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<2.0	610	4.8	<1.0	30
3990-FARM-INF	6/26/2008	<5.0	<5.0	<5.0	<15	<30	1,100	<10	540	<5.0	<5.0	28
3990-FARM-INF	7/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<2.0	510	5.6	<1.0	29
3990-FARM-INF	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<2.0	520	4.7	<1.0	31
3990-FARM-INF	9/25/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,300	<1.0	620	6.8	<0.5	36
3990-FARM-INF	10/15/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<2.0	450	5.9	<1.0	33
3990-FARM-INF	11/19/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,900	<2.0	770	9.3	<1.0	45
3990-FARM-INF	12/11/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<2.0	620	7.6	<1.0	35
3990-FARM-INF	1/14/2009	0.82	<0.500	<0.500	<0.500	0.82	1,520	<0.500	607	8.62	<0.500	39.7
3990-FARM-INF	2/11/2009	0.89	<0.500	<0.500	<0.500	0.89	2,090	<0.500	838	10.5	<0.500	43.1
3990-FARM-INF	3/18/2009	0.77	<0.500	<0.500	<0.500	0.77	1,580	<0.500	937	11.7	<0.500	38.3
3990-FARM-INF	4/8/2009	0.93	<0.500	<0.500	<0.500	0.93	2,810	<0.500	1,100	10.6	<0.500	48.3
3990-FARM-INF	7/15/2009	0.85	<0.500	<0.500	<0.500	0.85	1,380	<0.500	913	12.4	<0.500	40.8
3990-FARM-INF	10/7/2009	0.58	<0.500	<0.500	<0.500	0.58	1,420	<0.500	675	9.67	<0.500	30.1
3990-FARM-INF	1/13/2010	0.51	<0.500	<0.500	<0.500	0.51	1,260	<0.500	485	7.47	<0.500	27.6
3990-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	1,050	<0.500	483	7.41	<0.500	24.4
3990-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	1,770	<0.500	350	8.39	<0.500	22

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3990-FARM-INF	10/26/2010	<0.5	<0.5	<0.5	<1	<3	1,890	<0.5	571	8.99	<0.5	27.5
3990-FARM-INF	12/8/2010	<0.5	<0.5	<0.5	<1	<3	2,640	<0.5	579	13	<0.5	38.4
3990-FARM-INF	1/12/2011	<0.5	<0.5	<0.5	<1	<3	4,390	<0.5	596	11.1	<0.5	30.1
3990-FARM-INF	2/8/2011	<0.5	<0.5	<0.5	<1	<3	2,870	<0.5	500	10.1	<0.5	33.8
3990-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	2,020	<0.5	204	8.38	<0.5	24.3
3990-FARM-INF	5/12/2011	<0.5	<0.5	<0.5	<1	<3	1,350	<0.5	319	7.28	<0.5	19.4
3990-FARM-INF	6/7/2011	<0.5	<0.5	<0.5	<1	<3	563	<0.5	308	6.38	<0.5	7.87
3990-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	1,920	<0.5	1,830	9.77	<0.5	31.3
3990-FARM-INF	8/19/2011	<0.5	<0.5	<0.5	<1	<3	588	<0.5	247	5.46	<0.5	15.6
3990-FARM-INF	9/27/2011	<0.5	<0.5	<0.5	<1	<3	722	<0.5	658	5.16	<0.5	19
3990-FARM-INF	10/18/2011	<0.5	<0.5	<0.5	<1	<3	526	<0.5	262	4.77	<0.5	13.9
3990-FARM-INF	11/16/2011	<0.5	<0.5	<0.5	<1	<3	642 V8	<0.5	346	5.87	<0.5	12.3
3990-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	568	<0.5	322	5.38	<0.5	16.6
3990-FARM-INF	4/18/2012	<0.5	<0.5	<0.5	<1	<3	554	<0.5	84.8 VH	4.75	<0.5	8.04
3990-FARM-INF	5/21/2012	<0.5	<0.5	<0.5	<1	<3	430	<0.5	102 VH	3.74	<0.5	7.96
3990-FARM-INF	6/14/2012	<0.5	<0.5	<0.5	<1	<3	510 QK	<0.5	306	4.59	<0.5	14.4
3990-FARM-INF	8/6/2012	<0.5	<0.5	<0.5	<1	<3	749	<0.5	396	5.01	<0.5	14.2
3990-FARM-INF	10/12/2012	<0.5	<0.5	<0.5	<1	<3	555	<0.5	223	<0.5	<0.5	13.6
3990-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	688	<0.5	309	5.01	<0.5	17.6
3990-FARM-INF	2/21/2013	<0.5	<0.5	<0.5	<1	<3	383 QK	<0.5	88.9	3.51	<0.5	6.89
3990-FARM-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	305 QK	<0.5	79.3	3.01	<0.5	5.91
3990-FARM-INF	6/20/2013	<0.5	<0.5	<0.5	<1	<3	426 QK	<0.5	163	3.85	<0.5	8.36
3990-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	619	<0.5	106	3.76	<0.5	7.01
3990-FARM-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	324	<0.5	83.9	3.93	<0.500	6.5
3990-FARM-INF	11/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	333	<0.5	110	2.93	<0.500	6.51
3990-FARM-INF	12/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	199	<0.5	134	3.81	<0.500	7.84
3990-FARM-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	314	<0.500	97.5	2.85	<0.500	6.13
3990-FARM-INF	5/21/2014	<0.500	<0.500	<0.500	<1.00	<2.50	160	<0.500	5.00	1.78	<0.500	3.58
3990-FARM-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	126	<0.500	<2.50	1.82	<0.500	3.19
3990-FARM-INF	10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	175	<0.500	22.8	2.33	<0.500	3.69
3990-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	170	<0.2	35	1.9	<0.1	4.5
3990-FARM-INF	4/16/2015	<0.1	<0.1	<0.1	<0.1	<0.4	96	<0.2	5.2 J	1.3	<0.1	2.8
3990-FARM-INF	8/26/2015	<0.1	<0.1	<0.1	<0.1	<0.4	160	<0.2	16 J	1.4	<0.1	3.1
3990-FARM-INF	10/29/2015	<0.1	<0.1	<0.1	<0.1	<0.4	110	<0.2	23 J	1.1	<0.1	2.8
3990-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3990-FARM-POU	10/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3990-FARM-POU	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3990-FARM-POU	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3990-RYEL-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3990-RYEL-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3990-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3990-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3990-RYEL-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3991-DAIS-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	11/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3991-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	4/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	11/16/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	8/15/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3991-FARM-INF	8/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	4/16/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3991-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3991-RYEL-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3992-DAIS-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3992-FARM-INF	5/15/2007	<1.0	<1.0	<1.0	<3.0	<6.0	710	<2.0	360	3.6	<1.0	22
3992-FARM-INF	5/30/2007	<1.0	<1.0	<1.0	<3.0	<6.0	630	<2.0	330	3	<1.0	16
3992-FARM-INF	6/13/2007	<1.0	<1.0	<1.0	<3.0	<6.0	640	<2.0	110	3.8	<1.0	17
3992-FARM-INF	7/18/2007	<1.0	<1.0	<1.0	<3.0	<6.0	930	<2.0	440	4.6	<1.0	24
3992-FARM-INF	8/29/2007	<1.0	<1.0	<1.0	<3.0	<6.0	880	<2.0	520	4.7	<1.0	25
3992-FARM-INF	9/26/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.2	500	<0.1	<0.1	<0.1
3992-FARM-INF	10/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	520	<0.1	<0.1	<0.1
3992-FARM-INF	11/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	8.4	<0.1	<0.1	<0.1
3992-FARM-INF	12/19/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<2.0	660	6.6	<1.0	37
3992-FARM-INF	1/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<2.0	530	5.6	<1.0	43
3992-FARM-INF	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<2.0	500	4.5	<1.0	30
3992-FARM-INF	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<2.0	380	5	<1.0	26
3992-FARM-INF	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	780	<2.0	490	4.7	<1.0	22
3992-FARM-INF	5/5/2008	<1.0	<1.0	<1.0	<3.0	<6.0	850	<2.0	390	4.1	<1.0	25
3992-FARM-INF	6/18/2008	<0.3	<0.3	<0.3	<0.8	<1.7	500	<0.5	270	3.3	<0.3	15
3992-FARM-INF	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	760	<1.0	340	4.1	<0.5	19
3992-FARM-INF	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	990	<2.0	460	4.3	<1.0	25
3992-FARM-INF	9/17/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,000	<2.0	1,100	4.2	<1.0	24
3992-FARM-INF	10/15/2008	<1.0	1.1	<1.0	<3.0	1.1	1,300	<2.0	500	6.2	<1.0	33
3992-FARM-INF	11/5/2008	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<0.2	140	<0.1	<0.1	<0.1
3992-FARM-INF	12/10/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<2.0	900	8.2	<1.0	39
3992-FARM-INF	1/14/2009	0.75	<0.500	<0.500	<0.500	0.75	1,750	<0.500	1,230	8.16	<0.500	31.4
3992-FARM-INF	2/11/2009	0.69	<0.500	<0.500	<0.500	0.69	1,710	<0.500	930	8.65	<0.500	31.8
3992-FARM-INF	3/18/2009	0.73	<0.500	<0.500	<0.500	0.73	1,460	<0.500	906	10.7	<0.500	31.3
3992-FARM-INF	4/15/2009	0.51	<0.500	<0.500	<0.500	0.51	2,290	<0.500	1,230	8.22	<0.500	35.9
3992-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,020	<0.500	413	7.07	<0.500	14.8
3992-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,110	<0.500	372	6.06	<0.500	16.8
3992-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	381	<0.500	15.6	3.57	<0.500	6.5
3992-FARM-INF	4/12/2010	<0.500	<0.500	<0.500	<0.500	<2.000	536	<0.500	107	3.92	<0.500	7.87
3992-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	1,280	<0.500	98.6	6.58	<0.500	13
3992-FARM-INF	10/27/2010	<0.5	<0.5	<0.5	<1	<3	1,660	<0.5	286	8.49	<0.5	21.3
3992-FARM-INF	11/30/2010	<0.5	<0.5	<0.5	<1	<3	1,370	<0.5	436	9.36	<0.5	22.3
3992-FARM-INF	3/10/2011	<0.5	<0.5	<0.5	<1	<3	1,300	<0.5	206	6.55	<0.5	21.5
3992-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	1,110	<0.5	99.6	5.83	<0.5	13.4
3992-FARM-INF	5/11/2011	<0.5	<0.5	<0.5	<1	<3	500	<0.5	18.9	4.8	<0.5	6.28
3992-FARM-INF	7/26/2011	<0.5	<0.5	<0.5	<1	<3	778	<0.5	281	5.5	<0.5	13
3992-FARM-INF	8/19/2011	<0.5	<0.5	<0.5	<1	<3	649	<0.5	168	4.22	<0.5	9.61
3992-FARM-INF	10/18/2011	<0.5	<0.5	<0.5	<1	<3	374	<0.5	21.7	3.64	<0.5	6.99
3992-FARM-INF	11/16/2011	<0.5	<0.5	<0.5	<1	<3	962 V8	<0.5	27.1	3.59	<0.5	6.45

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3992-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	285	<0.5	14.2	3.83	<0.5	6.43
3992-FARM-INF	1/25/2012	<0.5	<0.5	<0.5	<1	<3	323	<0.5	102	4.75	<0.5	4.33
3992-FARM-INF	4/3/2012	<0.5	<0.5	<0.5	<1	<3	241 QK	<0.5	12.4	3.28	<0.5	3.3
3992-FARM-INF	5/21/2012	<0.5	<0.5	<0.5	<1	<3	341	<0.5	53.8 VH	3.15	<0.5	4.86
3992-FARM-INF	6/13/2012	<0.5	<0.5	<0.5	<1	<3	323 QK	<0.5	129	3.1	<0.5	7.09
3992-FARM-INF	7/23/2012	<0.5	<0.5	<0.5	<1	<3	848	<0.5	371	5.78	<0.5	8.87
3992-FARM-INF	8/23/2012	<0.5	<0.5	<0.5	<1	<3	316	<0.5	30.4	3.3	<0.5	5.17
3992-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	817	<0.5	21	3.45	<0.5	5.87
3992-FARM-INF	11/14/2012	<0.5	<0.5	<0.5	<1	<3	252 VH	<0.5	18.1	4.53 VH	<0.5	4.68
3992-FARM-INF	12/24/2012	<0.5	<0.5	<0.5	<1	<3	285 QK	<0.5	98.5	2.72	<0.5	6.64
3992-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	475	<0.5	96.4	3.7	<0.5	10.4
3992-FARM-INF	2/20/2013	<0.5	<0.5	<0.5	<1	<3	219 QK	<0.5	10.1	3.19 VH	<0.5	3.37
3992-FARM-INF	3/27/2013	<0.5	<0.5	<0.5	<1	<3	95.9	<0.5	9.05	2.04	<0.5	1.15
3992-FARM-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	92.9	<0.5	11.2	1.34	<0.5	1.08
3992-FARM-INF	6/20/2013	<0.5	<0.5	<0.5	<1	<3	133	<0.5	<2.5	1.12	<0.5	1.99
3992-FARM-INF	7/24/2013	<0.5	<0.5	<0.5	<1	<3	343	<0.5	9.63	2.38	<0.5	1.56
3992-FARM-INF	8/14/2013	<0.500	<0.500	<0.500	<1.00	<2.50	339	<0.500	10	2.16	<0.500	1.67
3992-FARM-INF	9/11/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.501	7.92	<0.50	<0.501	<0.50
3992-FARM-INF	10/23/2013	<1.00	<1.00	<1.00	<2.00	<5.00	145	<0.501	21	2.04	<1.00	2.88
3992-FARM-INF	12/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	155	<0.501	13.6	2.03	<0.500	2.24
3992-FARM-INF	2/18/2014	<0.500	<0.500	<0.500	<1.00	<2.50	80.6	<0.500	3.5	1.23	<0.500	1.26
3992-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	81.5	<0.500	6.56	1.19	<0.500	1.58
3992-FARM-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	50.2	<0.500	<2.50	0.810	<0.500	0.850
3992-FARM-INF	11/6/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	0.850
3992-FARM-INF	2/12/2015	<0.1	<0.1	<0.1	<0.1	<0.4	110	<0.2	13 J	1.1	<0.1	2.100
3992-FARM-INF	4/16/2015	<0.1	<0.1	<0.1	<0.1	<0.4	56	<0.2	3.2 J	0.7	<0.1	0.8
3992-FARM-INF	8/25/2015	<0.1	<0.1	<0.1	<0.1	<0.4	76	<0.2	6.5 J	0.8	<0.1	1.3
3992-FARM-INF	10/27/2015	<0.1	<0.1	<0.1	<0.1	<0.4	87	<0.2	4.1 J	0.9	<0.1	1.5
3992-FARM-POU	8/23/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-FARM-POU	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-FARM-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-FARM-POU	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3992-RYEL-INF	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.2	<5.0	<0.1	<0.1	<0.1
3992-RYEL-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.1	<0.2	<5.0	<0.1	<0.1	<0.1
3992-RYEL-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.9	<0.2	<5.0	<0.1	<0.1	<0.1
3992-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.2	<5.0	<0.1	<0.1	<0.1
3992-RYEL-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3992-RYEL-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3992-RYEL-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3992-RYEL-INF	7/20/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3992-RYEL-INF	1/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	2.57	<0.5	<0.5	<0.5
3992-RYEL-INF	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-RYEL-INF	1/13/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-RYEL-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-RYEL-INF	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-RYEL-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-RYEL-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3992-RYEL-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3992-RYEL-INF	7/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3992-RYEL-INF	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
3992-RYEL-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<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
3993-FARM-INF	7/27/2007	<0.1	0.1	<0.1	<0.3	0.1	1	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	10/8/2007	<0.1	0.2	<0.1	<0.3	0.2	0.8	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	11/14/2007	<0.1	0.1	<0.1	<0.3	0.1	0.8	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	4/16/2008	<0.1	0.1	<0.1	<0.3	0.1	0.5	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.2	<5.0	<0.1	<0.1	<0.1
3993-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	4/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	10/27/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	8/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3993-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3993-FARM-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3993-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
3993-FARM-INF	8/25/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.2	<2.5	<0.1	<0.1	<0.1
3993-FARM-POU	8/16/2012	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
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
3994-FARM-INF (DUP)	4/5/2011	<0.5	<0.5	<0.5	<1	<3	902	<0.5	68.1	4.11	<0.5	8.03
3994-FARM-INF	4/24/2007	<1	<1	<1	<2	<5	480	<2	300	3.3	<1	17
3994-FARM-INF	5/7/2007	<1.0	<1.0	<1.0	<3.0	<6.0	690	<2.0	340	3.2	<1.0	18
3994-FARM-INF	5/16/2007	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	<1.0	540	4.6	<0.5	28
3994-FARM-INF	6/13/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<4.0	560	4.9	<2.0	31
3994-FARM-INF	7/2/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<4.0	630	4.8	<2.0	30
3994-FARM-INF	8/8/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<2.0	420	4.3	<1.0	33
3994-FARM-INF	9/26/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<4.0	680	4.6	<2.0	27
3994-FARM-INF	10/12/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<4.0	590	4.5	<2.0	26
3994-FARM-INF	11/14/2007	<1.0	<1.0	<1.0	<3.0	<6.0	930	<2.0	430	4.6	<1.0	25
3994-FARM-INF	12/19/2007	<1.0	<1.0	<1.0	<3.0	<6.0	850	<2.0	490	4	<1.0	23
3994-FARM-INF	1/23/2008	<0.5	<0.5	<0.5	<1.5	<3.0	750	<1.0	330	2.7	<0.5	20
3994-FARM-INF	2/13/2008	<0.5	<0.5	<0.5	<1.5	<3.0	670	<1.0	370	2.7	<0.5	19
3994-FARM-INF	3/12/2008	<0.5	<0.5	<0.5	<1.5	<3.0	610	<1.0	250	2.4	<0.5	16
3994-FARM-INF	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	360	<2.0	260	2	<1.0	9.7
3994-FARM-INF	5/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	240	<0.2	130	1.7	<0.1	6.5
3994-FARM-INF	6/26/2008	<1.0	<1.0	<1.0	<3.0	<6.0	790	<2.0	480	4	<1.0	21
3994-FARM-INF	7/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<2.0	580	5.9	<1.0	28
3994-FARM-INF	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<2.0	640	4.2	<1.0	27
3994-FARM-INF	9/17/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<2.0	710	5.7	<1.0	26
3994-FARM-INF	10/15/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<2.0	570	6.2	<1.0	33
3994-FARM-INF	11/19/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,600	<2.0	1,200	8.3	<1.0	38
3994-FARM-INF	12/11/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<2.0	810	6.4	<1.0	28
3994-FARM-INF	1/14/2009	0.62	<0.500	<0.500	<0.500	0.62	1,030	<0.500	786	5.5	<0.500	20.2
3994-FARM-INF	2/11/2009	0.73	<0.500	<0.500	<0.500	0.73	1,360	<0.500	741	7.53	<0.500	26.9
3994-FARM-INF	3/18/2009	0.58	<0.500	<0.500	<0.500	0.58	1,100	<0.500	768	8.18	<0.500	22.1
3994-FARM-INF	4/15/2009	0.56	<0.500	<0.500	<0.500	0.56	1,780	<0.500	1,140	5.92	<0.500	24.8
3994-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	861	<0.500	660	8.14	<0.500	22
3994-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	988	<0.500	389	4.87	<0.500	14.8
3994-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	578	<0.500	195	4.08	<0.500	10.5
3994-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	970	<0.500	438	7.4	<0.500	18.5

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3994-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	878	<0.500	284	8.08	<0.500	16.5
3994-FARM-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	1,990	<0.5	346	6.75	<0.5	15.2
3994-FARM-INF	1/4/2011	<0.5	<0.5	<0.5	<1	<3	1,320	<0.5	522	6.97	<0.5	15.7
3994-FARM-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<3	932	<0.5	59.6	4.5	<0.5	8.93
3994-FARM-INF	5/11/2011	<0.5	<0.5	<0.5	<1	<3	346	<0.5	41.4	3.77	<0.5	3.5
3994-FARM-INF	6/7/2011	<0.5	<0.5	<0.5	<1	<3	368	<0.5	112	5.09	<0.5	4.52
3994-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	745	<0.5	481 V8	5.37	<0.5	12
3994-FARM-INF	9/8/2011	<0.5	<0.5	<0.5	<1	<3	607	<0.5	248	4.02	<0.5	12.2
3994-FARM-INF	9/27/2011	<0.5	<0.5	<0.5	<1	<3	303	<0.5	36.4	2.11	<0.5	5.52
3994-FARM-INF	10/20/2011	<0.5	<0.5	<0.5	<1	<3	328	<0.5	35.9	2.34	<0.5	5.79
3994-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	709	<0.5	96	3.28	<0.5	7.41
3994-FARM-INF	1/13/2012	<0.5	<0.5	<0.5	<1	<3	664	<0.5	42.3	3.26	<0.5	4.07
3994-FARM-INF	4/3/2012	<0.5	<0.5	<0.5	<1	<3	217 QK	<0.5	14.5	2.78	<0.5	3.06
3994-FARM-INF	5/21/2012	<0.5	<0.5	<0.5	<1	<3	256	<0.5	73.5 VH	2.37	<0.5	4.33
3994-FARM-INF	6/18/2012	<0.5	<0.5	<0.5	<1	<3	174 QK	<0.5	33.5	1.82	<0.5	3.54
3994-FARM-INF	8/6/2012	<0.5	<0.5	<0.5	<1	<3	284	<0.5	110	3.1	<0.5	5.89
3994-FARM-INF	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	2.89
3994-FARM-INF	10/3/2012	<0.5	<0.5	<0.5	<1	<3	173 QK	<0.5	40.2	<0.5	<0.5	4.01
3994-FARM-INF	12/13/2012	<0.5	46.8	<0.5	<1	47	206 QK	<0.5	107	2.08	<0.5	4.57
3994-FARM-INF	1/17/2013	<0.5	1.86	<0.5	<1	2	339	<0.5	104	2.08	<0.5	5.52
3994-FARM-INF	2/21/2013	<0.5	1.11	<0.5	<1	1	150 QK	<0.5	38	2.91 VH	<0.5	2.3
3994-FARM-INF	3/19/2013	<0.5	<0.5	<0.5	<1	<3	108 QK	<0.5	30.8	1.94	<0.5	1.88
3994-FARM-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	112	<0.5	28.7	<0.5	<0.5	2.16
3994-FARM-INF	6/20/2013	<0.5	<0.5	<0.5	<1	<3	110 QK	<0.5	16.8	<0.5	<0.5	1.87
3994-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	269	<0.5	41.6	1.78	<0.5	2.49
3994-FARM-INF	8/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	296	<0.500	19	1.5	<0.500	1.87
3994-FARM-INF	9/11/2013	<0.500	<0.500	<0.500	<1.00	<2.50	232	<0.500	27.0	1.15	<0.500	1.86
3994-FARM-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	104	<0.500	18.4	1.2	<0.500	1.82
3994-FARM-INF	12/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	95.6	<0.500	12.2	1.14	<0.500	1.64
3994-FARM-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	93.8	<0.500	7.94	1.03	<0.500	1.57
3994-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	53.5	<0.500	3.31	0.91	<0.500	1.12
3994-FARM-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	83.8	<0.500	<2.50	0.930	<0.500	1.54
3994-FARM-INF	10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	50.2	<0.500	14.9	0.710	<0.500	1.08
3994-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	40	<0.2	6.8 J	0.500	<0.1	1
3994-FARM-INF	4/16/2015	<0.1	<0.1	<0.1	<0.1	<0.4	45	<0.2	5.5 J	0.500	<0.1	0.8
3994-FARM-INF	8/26/2015	<0.1	<0.1	<0.1	<0.1	<0.4	40	<0.2	2.8 J	0.4 J	<0.1	0.7
3994-FARM-INF	10/28/2015	<0.1	<0.1	<0.1	<0.1	<0.4	23	<0.2	4.9 J	0.3 J	<0.1	0.6
3994-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3994-FARM-POU	10/3/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3994-FARM-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3994-FARM-POU	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3994-RYEL-INF	4/5/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3994-RYEL-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3994-RYEL-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3994-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3994-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3994-RYEL-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3994-RYEL-INF	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3994-RYEL-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3994-RYEL-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3994-RYEL-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3994-RYEL-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3994-RYEL-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3994-RYEL-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3994-RYEL-INF	1/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3994-RYEL-INF	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3994-RYEL-INF	1/13/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3994-RYEL-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3994-RYEL-INF	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<0.500
3995-DAIS-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3995-FARM-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	0.1	<0.1	<0.1
3995-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3995-FARM-INF	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	0.1	<0.1	<0.1
3995-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3995-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	0.1	<0.1	<0.1
3995-FARM-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	0.1	<0.1	<0.1
3995-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3995-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	0.1	<0.1	<0.1
3995-FARM-INF	4/14/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	0.2	<0.1	<0.1
3995-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	0.2	<0.1	<0.1
3995-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	7/27/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	7/26/2011	<0.5	<0.5	<0.5	<1	<3	<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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3995-FARM-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	4/18/2012	<0.5	4.32	<0.5	<1	4	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	6/20/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	8/15/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	5/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3995-FARM-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	11/18/2014	<0.501	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3995-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.2	<2.5	<0.1	<0.1	<0.1
3995-FARM-INF	4/16/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.2	<2.5	<0.1	<0.1	<0.1
3995-FARM-INF	8/25/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.2	<2.5	<0.1	<0.1	<0.1
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	<0.500
3995-RYEL-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3996-DAIS-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
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
3996-FARM-INF (DUP)	1/17/2013	<0.5	<0.5	<0.5	<1	<3	70.6	<0.5	29.4	<0.5	<0.5	1.12
3996-FARM-INF (DUP)	4/24/2013	<0.5	<0.5	<0.5	<1	<3	60.8	<0.5	31.6 VC	<0.5	<0.5	1.28
3996-FARM-INF (DUP)	7/23/2013	<0.5	<0.5	<0.5	<1	<3	48.7	<0.5	21	0.56	<0.5	0.76
3996-FARM-INF (DUP)	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	33.6	<0.500	10.2	<0.500	<0.500	0.58
3996-FARM-INF (DUP)	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	20.8	<0.500	6.07	<0.500	<0.500	<0.500
3996-FARM-INF	4/16/2007	0.2	<0.1	<0.1	<0.3	0.2	370	<0.2	260	2	<0.1	12
3996-FARM-INF	5/3/2007	<0.5	<0.5	<0.5	<1.5	<3.0	430	<1.0	250	1.9	<0.5	12
3996-FARM-INF	6/13/2007	<0.5	<0.5	<0.5	<1.5	<3.0	360	<1.0	220	1.9	<0.5	11
3996-FARM-INF	7/18/2007	<1.0	<1.0	<1.0	<3.0	<6.0	390	<2.0	230	1.6	<1.0	9.3
3996-FARM-INF	8/8/2007	<0.4	<0.4	<0.4	<1.2	<2.4	320	<0.8	190	1.6	<0.4	9.3
3996-FARM-INF	9/27/2007	<0.4	<0.4	<0.4	<1.2	<2.4	330	<0.8	220	1.6	<0.4	8.6
3996-FARM-INF	10/12/2007	<0.5	<0.5	<0.5	<1.5	<3.0	250	<1.0	180	1.4	<0.5	7.6
3996-FARM-INF	11/14/2007	<0.3	<0.3	<0.3	<0.8	<1.7	240	<0.5	140	1.1	<0.3	6.2
3996-FARM-INF	12/19/2007	<0.2	<0.2	<0.2	<0.6	<1.2	230	<0.4	140	1.3	<0.2	6.5
3996-FARM-INF	2/13/2008	0.1	<0.1	<0.1	<0.3	0.1	220	<0.2	110	0.9	<0.1	5.8
3996-FARM-INF	3/25/2008	0.1	<0.1	<0.1	<0.3	0.1	160	<0.2	100	0.9	<0.1	5.3
3996-FARM-INF	4/16/2008	<0.2	<0.2	<0.2	<0.6	<1.2	150	<0.4	99	0.8	<0.2	4.2
3996-FARM-INF	5/21/2008	0.1	<0.1	<0.1	<0.3	0.1	180	<0.2	130	1.1	<0.1	6.2
3996-FARM-INF	6/18/2008	<0.3	<0.3	<0.3	<0.8	<1.7	310	<0.5	230	1.7	<0.3	9

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3996-FARM-INF	7/23/2008	<0.5	<0.5	<0.5	<1.5	<3.0	350	<1.0	220	1.7	<0.5	8.4
3996-FARM-INF	8/20/2008	0.3	<0.1	<0.1	<0.3	0.3	380	<0.2	240	1.9	<0.1	10
3996-FARM-INF	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	290	<1.0	180	1.6	<0.5	6.6
3996-FARM-INF	10/15/2008	0.3	<0.3	<0.3	<0.8	0.3	370	<0.5	220	1.9	<0.3	9.4
3996-FARM-INF	11/19/2008	<0.3	<0.3	<0.3	<0.8	<1.7	360	<0.5	260	1.9	<0.3	7.9
3996-FARM-INF	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.000	276	-	91.7	1.63	<0.500	5.23
3996-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	289	<0.500	107	1.56	<0.500	4.97
3996-FARM-INF	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.000	379	-	104	-	-	-
3996-FARM-INF	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.000	208	<0.500	17	1.35	<0.500	3.39
3996-FARM-INF	3/18/2009	<0.500	<0.500	<0.500	<0.500	<2.000	222	<0.500	22.3	1.75	<0.500	2.66
3996-FARM-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	182	<0.500	7.35	1.35	<0.500	2
3996-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	242	<0.500	32.5	2.33	<0.500	2.58
3996-FARM-INF	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.000	23.7	<0.500	<2.50	1.1	<0.500	<0.500
3996-FARM-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	38.3	<0.500	8.7	2.08	<0.500	<0.500
3996-FARM-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3996-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	29.9	<0.500	<2.50	2.3	<0.500	<0.500
3996-FARM-INF	10/26/2010	<0.5	<0.5	<0.5	<1	<3	9.4	<0.5	<2.5	1.39	<0.5	<0.5
3996-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	15	<0.5	<2.5	1.61	<0.5	<0.5
3996-FARM-INF	4/5/2011	<0.5	<0.5	<0.5	<1	<3	12.6	<0.5	<2.5	1.36	<0.5	<0.5
3996-FARM-INF	7/13/2011	<0.5	<0.5	<0.5	<1	<3	18	<0.5	<2.5	1.37	<0.5	<0.5
3996-FARM-INF	9/16/2011	<0.5	1.8 V8	<0.5	<1	2	246	<0.5	87.8	<0.5	<0.5	3.1 V8
3996-FARM-INF	9/27/2011	<0.5	<0.5	<0.5	<1	<3	142 L1	<0.5	180	1.18	<0.5	3.4
3996-FARM-INF	11/11/2011	<0.5	0.5	<0.5	<1	1	212	<0.5	103	<0.5	<0.5	3.87
3996-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	199	<0.5	105	1.69	<0.5	4.29
3996-FARM-INF	2/16/2012	<0.5	<0.5	<0.5	<1	<3	192	<0.5	39.4 VH	1.26	<0.5	2.76
3996-FARM-INF	4/4/2012	<0.5	<0.5	<0.5	<1	<3	104	<0.5	35.6	1.25	<0.5	1.53
3996-FARM-INF	6/14/2012	<0.5	<0.5	<0.5	<1	<3	84.8	<0.5	48.3	0.89	<0.5	1.77
3996-FARM-INF	8/8/2012	<0.5	<0.5	<0.5	<1	<3	103	<0.5	62.7	1.16	<0.5	2.16
3996-FARM-INF	10/4/2012	<0.5	<0.5	<0.5	<1	<3	52.6	<0.5	29.4	<0.5	<0.5	0.87
3996-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	68.9	<0.5	40	<0.5	<0.5	1.52
3996-FARM-INF	4/24/2013	<0.5	<0.5	<0.5	<1	<3	61.5	<0.5	31.6	<0.5	<0.5	0.73
3996-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	48.6	<0.5	20.4	0.6	<0.5	0.79
3996-FARM-INF	10/24/2013	<1.00	<1.00	<1.00	<2.00	<5.00	29.3	<0.5	13.2	<1.00	<1.00	<1.00
3996-FARM-INF	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	33.3	<0.500	10.1	<0.500	<0.500	0.55
3996-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	28.2	<0.500	10.0	<0.500	<0.500	0.55
3996-FARM-INF	4/14/2014	<0.500	<0.500	<0.500	<1.00	<2.50	28.7	<0.500	15.4	<0.500	<0.500	0.55
3996-FARM-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	21.0	<0.500	7.29	<0.500	<0.500	<0.500
3996-FARM-INF	10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	13.7	<0.500	6.82	<0.500	<0.500	<0.500
3996-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	11	<0.2	5.3 J	0.2 J	<0.1	0.3 J
3996-FARM-INF**	4/21/2015	<0.1	<0.1	<0.1	<0.1	<0.4	11	<0.2	<2.5	<0.1	<0.1	<0.1
3996-FARM-INF	5/5/2015	<0.1	<0.1	<0.1	<0.1	<0.4	13	<0.2	5.3 J	0.2 J	<0.1	0.2 J

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3996-FARM-INF	8/26/2015	<0.1	<0.1	<0.1	<0.1	<0.4	11	<0.2	3 J	0.1 J	<0.1	0.2 J
3996-FARM-INF	10/27/2015	<0.1	<0.1	<0.1	<0.1	<0.4	7.1	<0.2	3.8 J	<0.1	<0.1	0.1 J
3996-FARM-POU	8/8/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3996-FARM-POU	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	39.2	<0.5	<0.5	<0.5
3996-FARM-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3996-FARM-POU	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3996-RYEL-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3996-RYEL-INF	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3996-RYEL-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3996-RYEL-INF	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3996-RYEL-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3996-RYEL-INF	1/17/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3996-RYEL-INF	10/18/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3996-RYEL-INF	2/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3996-RYEL-INF	8/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3996-RYEL-INF	9/5/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3996-RYEL-INF	1/16/2014	<0.500	<0.500	<0.500	<1.00	<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	<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
3997-FARM-INF (DUP)	1/11/2012	<0.5	<0.5	<0.5	<1	<3	3.89	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF (DUP)	10/4/2012	<0.5	<0.5	<0.5	<1	<3	1.4	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF (DUP)	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	1.9	<0.1	0.1
3997-FARM-INF	5/1/2007	<0.1	<0.1	<0.1	<0.2	<0.5	3.7	<0.2	<5	0.2	<0.1	<0.1
3997-FARM-INF	6/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	140	<0.2	19	2.7	<0.1	2.2
3997-FARM-INF	7/17/2007	<1.0	<1.0	<1.0	<3.0	<6.0	710	<2.0	300	5.8	<1.0	20
3997-FARM-INF	8/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3997-FARM-INF	9/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	340	<0.1	<0.1	<0.1
3997-FARM-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	490	<0.1	<0.1	<0.1
3997-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	820	<0.1	<0.1	<0.1
3997-FARM-INF	12/19/2007	1.1	<1.0	<1.0	<3.0	1.1	3,300	<2.0	1,500	18	<1.0	100
3997-FARM-INF	1/16/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,700	<4.0	1,000	13	<2.0	93
3997-FARM-INF	2/13/2008	<0.5	<0.5	<0.5	<1.5	<3.0	640	<1.0	210	4	<0.5	18
3997-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	130	<0.2	7.4	1.6	<0.1	3.5
3997-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	110	<0.2	24	1.4	<0.1	2.3
3997-FARM-INF	5/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	130	<0.2	18	1.5	<0.1	3.1
3997-FARM-INF	6/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	56	<0.2	13	0.9	<0.1	1
3997-FARM-INF	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	460	<1.0	77	4.2	<0.5	8.2
3997-FARM-INF	8/20/2008	<0.5	<0.5	<0.5	<1.5	<3.0	690	<1.0	200	4.8	<0.5	20

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3997-FARM-INF	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	<1.0	400	7	<0.5	30
3997-FARM-INF	10/15/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	<1.0	400	6.4	<0.5	33
3997-FARM-INF	11/19/2008	0.9	<0.5	<0.5	<1.5	0.9	2,100	<1.0	980	14	<0.5	63
3997-FARM-INF	12/10/2008	1.4	<1.0	<1.0	<3.0	1.4	2,800	<2.0	1,500	16	<1.0	80
3997-FARM-INF	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.000	500	-	66.2	-	-	-
3997-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.000	493	<0.500	79.2	3	<0.500	8.95
3997-FARM-INF	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.000	426	-	61.3	-	-	-
3997-FARM-INF	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.000	1,110	<0.500	274	7.7	<0.500	23.3
3997-FARM-INF	3/18/2009	0.89	<0.500	<0.500	<0.500	0.89	2,060	<0.500	1,120	17	<0.500	53.3
3997-FARM-INF	4/8/2009	0.87	<0.500	<0.500	<0.500	0.87	3,680	<0.500	1,700	14.5	<0.500	61.8
3997-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	136	<0.500	21.5	3.04	<0.500	1.89
3997-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.000	608	<0.500	93.1	6.49	<0.500	8.22
3997-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	21.5	<0.500	<2.50	1.35	<0.500	<0.500
3997-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.000	6.87	<0.500	<2.50	<0.500	<0.500	<0.500
3997-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.000	20.5	<0.500	<2.50	<0.500	<0.500	<0.500
3997-FARM-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	60.7	<0.5	<2.5	3.07	<0.5	<0.5
3997-FARM-INF	1/12/2011	<0.5	<0.5	<0.5	<1	<3	2,010	<0.5	446	9.18	<0.5	21.1
3997-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	119	<0.5	<2.5	1.83	<0.5	1.73
3997-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	34.3	<0.5	<2.5	3.88	<0.5	<0.5
3997-FARM-INF	8/15/2011	<0.5	<0.5	<0.5	<1	<3	83.5	<0.5	<2.5	4.98	<0.5	0.76
3997-FARM-INF	9/30/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	7.68	<0.5	<2.5	1.15	<0.5	<0.5
3997-FARM-INF	11/16/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	6.45	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	3.62	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	4/4/2012	<0.5	<0.5	<0.5	<1	<3	1.71	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	6/14/2012	<0.5	<0.5	<0.5	<1	<3	1.07	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	7/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	8/6/2012	<0.5	<0.5	<0.5	<1	<3	2.35	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	10/4/2012	<0.5	<0.5	<0.5	<1	<3	1.33	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	4/24/2013	<0.5	<0.5	<0.5	<1	<3	6.05	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-INF	7/24/2013	<0.500	<0.500	<0.500	<1.00	<2.50	1.72	<0.500	<2.50	<0.500	<0.500	<0.500
3997-FARM-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3997-FARM-INF	1/24/2014	<0.500	<0.500	<0.500	<1.00	<2.50	0.57	<0.500	<2.50	<0.500	<0.500	<0.500
3997-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	1.12	<0.500	<2.50	<0.500	<0.500	<0.500
3997-FARM-INF	7/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	1.11	<0.500	<2.50	<0.500	<0.500	<0.500
3997-FARM-INF	10/30/2014	<0.500	<0.500	<0.500	<1.00	<2.50	1.2	<0.500	<2.50	<0.500	<0.500	<0.500
3997-FARM-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	2.4	<0.2	<2.5	0.2 J	<0.1	<0.1
3997-FARM-INF	4/16/2015	<0.1	<0.1	<0.1	<0.1	<0.4	1	<0.2	<2.5	<0.1	<0.1	<0.1
3997-FARM-INF	8/26/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.2	<2.5	<0.1	<0.1	<0.1

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3997-FARM-INF	10/27/2015	<0.1	<0.1	<0.1	<0.1	<0.4	1.9	<0.2	<2.5	0.2 J	<0.1	<0.1
3997-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-POU	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3997-FARM-POU	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<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	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3998-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	1/15/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	7/27/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	10/25/2010	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	1/10/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	4/4/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	8/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	11/18/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	4/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	7/23/2013	<0.5	20.3	<0.5	<1	20	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	9/3/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-FARM-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	1/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	4/8/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	8/28/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	11/18/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-FARM-INF	1/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
3998-FARM-INF	4/21/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
3998-FARM-INF	8/26/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<0.500
3998-RYEL-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3998-RYEL-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3998-RYEL-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
3998-RYEL-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3998-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3998-RYEL-INF	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3998-RYEL-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
3998-RYEL-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-RYEL-INF	7/16/2009	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-RYEL-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-RYEL-INF	7/22/2010	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-RYEL-INF	1/12/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-RYEL-INF	7/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-RYEL-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-RYEL-INF	7/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-RYEL-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-RYEL-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5
3998-RYEL-INF	1/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-RYEL-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500
3998-RYEL-INF	1/22/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1
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	<0.500
4002-CORN-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
11703-FNGR-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.2	<5.0	<0.1	<0.1	<0.1
11711-FNGR-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
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	<0.2	<5.0	<0.1	<0.1	<0.1
11713-SRNC-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
11892-BRLY-INF	5/3/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
11892-BRLY-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
11892-BRLY-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
11892-BRLY-INF	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
11892-BRLY-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1
11894-BRLY-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
11894-BRLY-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
11894-BRLY-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
11894-BRLY-INF	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
11894-BRLY-INF	7/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
11894-BRLY-INF	10/15/2008	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	<0.1

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)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl methyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
11896-BRLY-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1
11896-BRLY-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
11896-BRLY-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
11896-BRLY-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.2	<5.0	<0.1	<0.1	<0.1
11896-BRLY-INF	7/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
11896-BRLY-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.2	<5.0	<0.1	<0.1	<0.1
11902-FNGR-INF	3/16/2007	<0.5	<0.5	<0.5	<1.0	<2.5	<0.5	<0.5	<5.0	-	<0.5	<0.5
11902-FNGR-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.2	<5.0	<0.1	<0.1	<0.1
11906-FNGR-INF	4/25/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.2	<5.0	<0.1	<0.1	<0.1

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

** Resident resampled on May 5, 2015 due to suspected mislabeling of samples

INF = Influent sample location
POU = Point-of-use sample location
<# = Less than the method detection limit
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 Total Xylene. Total BTEX is a sum of detected concentrations of these chemicals, including estimated concentrations (identified with a "J").
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.
MTBE = Methyl Tertiary Butyl Ether
NA = Not Available or Not Analyzed for that specific compound
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

MONITORING WELL CONSTRUCTION DETAILS

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

Monitoring Well	Well Permit #	Date Well Drilled	Date Well Installed	Well Diameter (inches)	TOC Elevation	Date of Last Survey	Total Depth of Well (from Ground Surface)	DTB of Steel Casing (feet)	TOS from Ground Surface	BOS from Ground Surface	Comments
MW-1	FR-94-5045	2/7/06	2/7/2006	2	99.19	2/27/2006	61.5	--	40	61.5	
MW-2	FR-94-5046	2/7/06	2/7/2006	2	99.47	2/27/2006	61.5	--	40	61.5	
MW-3	FR-94-5047	2/7/06	2/7/2006	2	99.16	2/27/2006	81.5	--	40	64	Drilled to 81.5 feet, backfilled and set at 64 feet; well abandoned 5/15/08
MW-4	FR-94-5048	2/7/06	2/7/2006	2	97.84	2/27/2006	61.5	--	40	61.5	
MW-5	FR-95-0982	5/12/08	2/23/2009	4	99.60	3/18/2009	70	14	40	70	
MW-6	FR-95-0983	5/12/08	2/23/2009	4	98.09	3/18/2009	59.5	14	40	59.5	boring caved to 59.5 feet
MW-7	FR-95-0984	5/12/08	2/24/2009	4	97.66	3/18/2009	80	19.5	53	80	
MW-8	FR-95-0985	5/12/08	2/23/2009	4	97.93	3/18/2009	70	15	45	70	
MW-9	FR-95-1216	2/26/09	3/11/2009	4	88.48	3/18/2009	78	10	48	78	
MW-10	FR-95-1217	2/26/09	3/11/2009	4	91.64	3/18/2009	80	10	40	80	
MW-11	FR-95-1219	2/27/09	3/11/2009	4	94.28	3/18/2009	77	10	47	77	
MW-12	FR-95-1218	3/2/09	3/12/2009	4	95.33	3/18/2009	84	10	44	82	
MW-13	FR-95-1215	3/2/09	3/12/2009	4	98.11	3/18/2009	84	10	49	84	
MW-14S	FR-95-1599	7/20/10	7/22/2010	4	91.21	7/22/2010	100	11.0	40	100	
MW-14D	FR-95-1418	9/24/09	7/22/2010	4	92.07	7/22/2010	221	10.5	201	221	
MW-15D	FR-95-1419	9/28/09	7/19/2010	4	97.67	7/22/2010	133.5	10	45.5	133.5	
MW-16	FR-95-1420	9/25/09	7/20/2010	4	89.78	7/22/2010	121	9.75	35.5	121	
MW-17	FR-95-1421	9/25/09	7/20/2010	4	92.84	7/22/2010	121	10.5	35	121	
MW-18S	FR-95-1674	11/17/10	11/17/2010	2	98.29	1/4/2011	70	--	45	70	MW-18S and MW-18D nested in one borehole
MW-18D			11/18/2010	2	98.31	1/4/2011	130	--	120	130	
MW-18S-R	FR-95-2578	1/27/15	1/27/2015	4	NA	1/27/2015	70	--	25	70	
VE-1	FR-95-1673	11/19/10	11/17/2010	4	98.40	1/4/2011	25	--	5	25	
IW-1S	FR-95-1672	11/18/10	11/18/2010	0.60	98.52	1/4/2011	67	--	63	67	IW-1S and IW-1D nested in one borehole - stainless steel screen and casing
IW-1D			11/19/2010	0.60	98.60	1/4/2011	73	--	69	73	
IW-2S	FR-95-1671	11/18/10	11/18/2010	0.60	98.63	1/4/2011	91	--	87	91	IW-2S and IW-2D nested in one borehole - stainless steel screen and casing
IW-2D			11/19/2010	0.60	98.71	1/4/2011	103	--	99	103	
IW-3S	FR-95-1670	11/18/10	11/18/2010	0.60	98.51	1/4/2011	127	--	123	127	IW-3S and IW-3D nested in one borehole - stainless steel screen and casing
IW-3D			11/19/2010	0.60	98.62	1/4/2011	134	--	130	134	
IW-4	FR-95-2019	5/30/12	5/30/12	0.75	NA	NA	92	--	85	89	

BOS =Bottom of screen
NA = Not Available
TOS =Top of screen
TOC =Top of casing
U =Unknown

APPENDIX A

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 (µg/L) in a blended influent sample collected from two onsite drinking water wells supplying the shopping center, Green Valley Plaza (GVP), which house the gas 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 µg/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 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 and email to the MDE regarding additional monitoring and sampling to be conducted during the 4th 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:	CIFC 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:	A response from the MDE to the October 27, 2014 *Monitoring Well MW-18S Replacement Work Plan* was received.
December 12, 2014:	The MDE issued a letter to the property owner of 3829 Greenridge Drive regarding the discontinuation of potable sampling.
January 14, 2015:	A *Request for MW-18S-R Report Submittal Deadline Extension* was submitted to the MDE.
January 27, 2015:	The replacement monitoring well for MW-18S was installed and identified as MW-18S-R.
February 10, 2015:	The MDE approved the extension request for the MW-18S-R report.
February 13, 2015:	The annual *Data Trends Analysis & Revised Monitoring Plan* was submitted with the *Fourth Quarter 2014 Monitoring Report.*
March 17, 2015:	The *MW-18S Replacement Well Installation Report* was submitted to the MDE.
May 12, 2015:	The *First Quarter 2015 Monitoring Report* was submitted to the MDE.
June 8, 2015:	GES follows up with the MDE on sampling reduction requests discussed in the *Fourth Quarter 2014 Monitoring Report with Data Trend Analysis and Revised Monitoring Plan – February 15, 2015*, the *MW-18S-Replacement Well Installation Report – March 17, 2015*, and the *First Quarter 2015 Monitoring Report – May, 15, 2015*. The MDE responds to GES follow-up correspondence indicating a response letter is being drafted.
July 14, 2015:	GES requests and is permitted from the MDE postponement of the third quarter sampling event until August 2015 while waiting on the MDE's letter responding to GES's sampling reduction requests.

July 30, 2015:	GES received MDE's response letter *Site Status and Modifications to Sampling Program – July 29, 2015*. GES was permitted to discontinue sampling several monitoring and potable wells.
August 4, 2015:	GES submitted correspondence *Response to Green Valley Citgo Letter – 07.29.15* regarding July 30, 2015 MDE letter requesting clarification.
August 11, 2015:	GES received MDE response to Aug. 4, 2015 GES correspondence.
August 14, 2015:	GES submitted *Second Quarter 2015 Monitoring Report* to the MDE, requesting MW-18S abandonment within the report.
October 6, 2015:	GES notifies the MDE of Michael Pensario's, owner of 3996 Farm Lane, potable sampling inquiry, and GES requests the MDE to confirm with Mr. Pensario that his well was removed from GES' sampling program.
October 21, 2015:	GES confirms receiving the MDE's notification (via phone call) of contact with Mr. Pensario, confirming his removal from GES's potable sampling program.
October 30, 2015:	GES received the MDE's *Approval for Monitoring Well Abandonment* letter, dated October 27, 2015, approving abandonment of well MW-18S.
November 10, 2015:	GES abandoned monitoring well MW-18S per the MDE's requirements stated in their *Approval for Monitoring Well Abandonment* letter.
November 13, 2015:	GES submitted *Third Quarter 2015 Monitoring Report* to the MDE.
December 29, 2015:	GES submitted *Completion of MW-18S Well Abandonment*, dated December 30, 2015, letter to the MDE.

APPENDIX B

Monitoring Well Sampling Data

Groundwater Sampling Data Collection Sheet

Well ID:	MW-1	Site ID:	Carroll Monrovia	Sample Date: 10-27-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD	
Well Diameter:	2"	*Sample Method (cicle one)*		
Total Well Depth:		(Low Flow)	Sampling Tech(s): J. Plummer	
Water Column Length:		Purge/sample	Weather Conditions: overcast	
Pump Intake depth:		Grab/No Pruge	Air Temp = 55°	

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/l Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1400	51.24	Just prior to lowering any equipment into well								
1415	51.22	After lowering equipment into the well & before turning on the pump								
1415	Purge Start Time									
1420	52.30	16.11	0.639	4.15	5.15	-62.3				
1425	53.02	15.99	0.575	5.82	4.93	-46.6				
1430	53.85	15.95	0.568	5.95	4.86	-38.9				
1435	54.37	15.95	0.582	5.70	4.89	-38.1				
1440	54.87	15.93	0.596	5.54	4.94	-38.2	3 gallons - cloudy			
1445	Sample Collection Time									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		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

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-2		Site ID:	Carroll Wally's
Initial DTW / Time:	60.51		Address:	19200 Middletown Rd, Parkton, MD
Well Diameter:	2"	*Sample Method (cicle one)*		
Total Well Depth:	60.55	Low Flow	Sampling Tech(s):	Lindsay Keerney
Water Column Length:		Purge/sample	Weather Conditions:	
Pump Intake depth:		Grab/No Pruge	Air Temp =	

Sample Date: 10-26-15

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity _____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Just prior to lowering any equipment into well								
		After lowering equipment into the well & before turning on the pump								
	Purge Start Time									
	Sample Collection Time									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp °C Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP mV Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		Just prior to lowering any equipment into well								
	60.51	16.10	—	7.09	5.66	122.1				N/A
	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):

well not sampled due to lack of water; no conductivity reading due to short H_2O column

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

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-7		Site ID:	Carroll Monrovia	Sample Date: 10-26-15
Initial DTW / Time:	63.93/1504		Address:	11791 Fingerboard Rd, Monrovia, MD	
Well Diameter:		*Sample Method (cicle one)*			
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:		
Pump Intake depth:		Grab/No Pruge	Air Temp =	Sunny, 50s	

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		°C Unit	µS/cm Unit	mg/L Unit	NA	mV Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
1505	63.93	Just prior to lowering any equipment into well								
		N/A								
610 ~~1508~~	63.93	After lowering equipment into the well & before turning on the pump								
610 ~~1510~~	Purge Start Time									
1615	63.95	17.13	0.774	7.66	5.59	-61.7		1-2gal	clear	
1620	63.98	16.90	0.773	7.81	5.32	-39.1				
1625	64.00	16.09	0.769	6.15	5.20	-43.3				
1630	64.00	16.08	0.768	5.89	5.23	-48.9				
1635	64.00	16.06	0.769	5.81	5.23	-49.7				
	Sample Collection Time	1640								
	Purge StopTime	1645								

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		____Unit	_____Unit	____Unit	NA	____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):

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

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: 10-27-15
Initial DTW / Time:			Address:	11791 Fingerboard Rd, Monrovia, MD	
Well Diameter:	4"	*Sample Method (cicle one)*			
Total Well Depth:		Low Flow	Sampling Tech(s):	J. Plummer	
Water Column Length:		Purge/sample	Weather Conditions:	clear - partly cloudy	
Pump Intake depth:		Grab/No Pruge	Air Temp =	55°	

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1257	62.20	Just prior to lowering any equipment into well								
1300	62.03	After lowering equipment into the well & before turning on the pump								
1308	Purge Start Time									
1305	62.63	16.53	0.613	2.94	5.11	-59.8				
1310	63.13	16.39	0.461	4.70	4.98	-56.0				
1315	63.58	16.34	0.243	5.84	4.91	-44.8				
1320	64.02	16.37	0.274	5.96	4.89	-40.6				
1325	64.44	16.36	0.279	6.01	4.90	-39.1				
1330	64.92	16.35	0.286	5.71	4.91	-40.1				
1335	65.32	16.34	0.291	5.71	4.90	-39.6		4 1/4 gallons - clear		
1340	Sample Collection Time									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		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

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-9	Site ID:	Sample Date: 10-27-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		Low Flow	Sampling Tech(s): Jeff Plummer
Water Column Length:		Purge/sample	Weather Conditions:
Pump Intake depth:		Grab/No Pruge	Air Temp = 45 clear

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		____Unit	ms/cm Unit	mg/l Unit	NA	____Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
0940	54.73	Just prior to lowering any equipment into well								
0945	54.63	After lowering equipment into the well & before turning on the pump								
0945	Purge Start Time									
0950	54.84	13.50	0.736	7.29	5.05	-55.6				
0955	54.87	14.33	0.788	5.52	4.89	-53.2				
1000	54.87	14.41	0.798	5.41	4.88	-48.7				
1005	54.87	14.40	0.800	5.43	4.88	-46.1				
1010	54.87	14.42	0.800	5.54	4.88	-44.4		2 gallons - clear		
1015	Sample Collection Time									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		____Unit	_____Unit	____Unit	NA	____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 10sec 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

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

GES

Well ID:	MW-10	Site ID:	Sample Date: 10-27-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		Low Flow	Sampling Tech(s): J. Plummer
Water Column Length:		Purge/sample	Weather Conditions: clear
Pump Intake depth:		Grab/No Pruge	Air Temp = 50°

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		____Unit	ms/cm Unit	mg/l Unit	NA	____Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
1110	57.60	Just prior to lowering any equipment into well								
1120	57.58	After lowering equipment into the well & before turning on the pump								
1120	Purge Start Time									
1125	57.63	14.70	0.853	4.55	5.05	-47.1				
1130	57.63	14.84	0.856	4.16	5.02	-51.8				
1135	57.63	14.85	0.856	4.09	5.01	-50.0				
1140	57.63	14.84	0.856	4.08	5.01	-48.8		1 3/4 gallons - clear		
1145	Sample Collection Time									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		____Unit	_____Unit	____Unit	NA	____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

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-11	Site ID:	Carroll Monrovia — Sample Date: 10-27-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		Low Flow	Sampling Tech(s): J. Plummer
Water Column Length:		Purge/sample	Weather Conditions: clear
Pump Intake depth:		Grab/No Pruge	Air Temp = 40°

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity µS/cm Unit ± 3%	D.O. mg/l Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
0855	51.34	Just prior to lowering any equipment into well								
0905	51.25	After lowering equipment into the well & before turning on the pump								
0905	Purge Start Time									
0910	51.74	14.45	0.289	6.65	5.40	-72.5				
0915	51.98	14.58	0.288	6.52	5.40	-73.9				
0920	52.16	14.59	0.288	6.54	5.39	-72.2				
0925	52.32	14.60	0.288	6.50	5.38	-70.9		2½ gallons	clear	
0930	Sample Collection Time									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable: Temp ____Unit ± 0.3 °C	Conductivity _____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		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

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:	Sample Date: 10-27-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		(Low Flow)	Sampling Tech(s): J. Plummer
Water Column Length:		Purge/sample	Weather Conditions: clear
Pump Intake depth:		Grab/No Pruge	Air Temp = 55°

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1204	62.87	Just prior to lowering any equipment into well								
1210	62.80	After lowering equipment into the well & before turning on the pump								
1210	Purge Start Time									
1215	62.94	16.43	0.902	6.56	5.04	-46.8				
1220	62.97	16.58	0.916	5.16	4.96	-44.9				
1225	62.98	16.55	0.919	5.11	4.95	-39.4				
1230	62.98	16.53	0.920	5.19	4.95	-35.3				
1235	62.98	16.58	0.920	5.10	4.96	-32.1		1 1/2 gallons		
1240	Sample Collection Time									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		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

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-14S	Site ID:	Sample Date: 10-29-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		Low Flow	Sampling Tech(s): J. Plummer
Water Column Length:		Purge/sample	Weather Conditions: light rain
Pump Intake depth:		Grab/No Pruge	Air Temp = 65°

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
0945	57.14	Just prior to lowering any equipment into well								
1002	57.13	After lowering equipment into the well & before turning on the pump								
1002	Purge Start Time									
1007	57.17	15.33	0.963	4.77	5.25	-21.3				
1012	57.17	15.06	0.959	4.43	5.25	-37.6				
1017	57.18	15.05	0.958	4.41	5.25	-44.2				
1022	57.18	15.10	0.957	4.47	5.25	-47.4				
1027	57.18	15.10	0.956	4.40	5.24	-47.8		2 1/2 gallons	clear	
1030	Sample Collection Time									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		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

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-14 D	Site ID:	Sample Date: 10-29-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		Low Flow	Sampling Tech(s): Jeff Plummer
Water Column Length:		Purge/sample	Weather Conditions: partly cloudy
Pump Intake depth:		Grab/No Pruge	Air Temp = 65°

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm° Unit ± 3%	D.O. mg/l Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1133	61.40	Just prior to lowering any equipment into well								
1137	60.20	After lowering equipment into the well & before turning on the pump								
1142	Purge Start Time									
1147	61.20	15.99	0.365	1.54	7.91	-167.4				
1152	61.86	15.46	0.364	0.70	8.12	-208.4				
1157	62.52	15.47	0.364	0.55	8.18	-227.4				
1202	63.10	15.52	0.364	0.45	8.19	-246.8				
1207	63.62	15.60	0.361	0.44	8.20	-248.6				
1212	64.07	15.69	0.364	0.42	8.21	-254.4				
1217	64.48	15.54	0.364	0.43	8.21	-257.4	2 3/4 gallons - clear			
1220	Sample Collection Time									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable: Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		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 pureing or sampling								

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

4 cycles min. 10sec 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

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:		Sample Date: 10-28-15
Initial DTW / Time:			Address:	11791 Fingerboard Rd, Monrovia, MD	
Well Diameter:	4"	Sample Method (cicle one)			
Total Well Depth:		Low Flow	Sampling Tech(s):	J. Plummer	
Water Column Length:		Purge/sample	Weather Conditions:	rain	
Pump Intake depth:		Grab/No Pruge	Air Temp =	60°	

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1022	63.36	Just prior to lowering any equipment into well								
1030	63.38	After lowering equipment into the well & before turning on the pump								
1030	Purge Start Time									
1035	63.45	16.80	0.719	6.16	5.81	-107.5				
1040	63.43	16.39	0.735	5.75	5.65	-104.0				
1045	63.43	16.37	0.734	5.72	5.62	-99.9				
1050	63.43	16.38	0.734	5.87	5.56	-93.7				
1055	63.43	16.38	0.733	5.96	5.53	-88.3		1 3/4 gallons-clear		
1100	Sample Collection Time									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable: Temp ____Unit ± 0.3 °C	Conductivity _____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		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 10sec 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

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-16	Site ID:	Sample Date: 10-29-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		Low Flow	Sampling Tech(s): J. Plummer
Water Column Length:		Purge/sample	Weather Conditions: partly cloudy
Pump Intake depth:		Grab/No Pruge	Air Temp = 65

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/l Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1044	55.77	Just prior to lowering any equipment into well								
10.47	55.77	After lowering equipment into the well & before turning on the pump								
1047	Purge Start Time									
1052	55.77	16.57	0.924	6.94	5.31	-49.6				
1057	55.77	15.67	0.947	5.44	4.97	-35.4				
1102	55.78	15.47	0.945	5.42	4.96	-30.8				
1107	55.78	15.43	0.941	5.61	4.98	-30.2				
1112	55.78	15.42	0.939	5.57	4.96	-22.6		1 1/2 gallons	clear	
1115	Sample Collection Time									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		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 10sec 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

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:	Sample Date: 10-29-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		~~Low Flow~~	Sampling Tech(s): Jeff Plummer
Water Column Length:		Purge/sample	Weather Conditions: partly cloudy
Pump Intake depth:		Grab/No Pruge	Air Temp = 65°

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity ms/cm Unit ± 3%	D.O. mg/l Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1244	58.64	Just prior to lowering any equipment into well								
1247	58.64	After lowering equipment into the well & before turning on the pump								
1247	Purge Start Time									
1252	58.67	18.49	0.811	6.83	5.94	-130.0				
1257	58.67	15.94	0.880	3.69	5.55	-119.6				
1302	58.67	15.63	0.881	3.55	5.52	-116.2				
1307	58.67	15.60	0.880	3.50	5.53	-118.4				
1312	58.67	15.61	0.880	3.51	5.53	-109.2				
1317	58.67	15.59	0.879	3.53	5.52	-106.6		2 gallons - clear		
1320	Sample Collection Time									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	If Applicable Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		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 purgeing or sampling.								

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

4 cycles min 10sec 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

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-18S	Site ID:	Sample Date: 10-28-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	2"	*Sample Method (cicle one)*	
Total Well Depth:		~~Low Flow~~	Sampling Tech(s): J. Plummer
Water Column Length:		Purge/sample	Weather Conditions: rain
Pump Intake depth:		Grab/No Pruge	Air Temp = 60°

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
12:25	63.58	Just prior to lowering any equipment into well								
1230	63.02	After lowering equipment into the well & before turning on the pump								
1230	Purge Start Time									
1235	64.50	16.93	7.187	6.11	12.47	-177.7				
1240	65.92	16.55	6.738	5.53	12.47	-175.3				
1245	Obst. 66.02	16.60	7.065	4.87	12.48	-177.8				
1250	↓	16.88	7.266	4.28	12.49	-179.5				
1255	↓	16.97	7.358	3.92	12.50	-179.4		1 1/2 gallon	clear	
~~1305~~										
1300	Sample Collection Time									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		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

* Collected sample due to well running out of water

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

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-185-R	Site ID:	Sample Date: 10-24-15
Initial DTW / Time:		Address:	11791 Fingerboard Rd, Monrovia, MD
Well Diameter:	4"	*Sample Method (cicle one)*	
Total Well Depth:		Low Flow	Sampling Tech(s): J. Plummer
Water Column Length:		Purge/sample	Weather Conditions: Sunny-partly cloudy
Pump Intake depth:		Grab/No Pruge	Air Temp = 70°

Data Collection: Low Flow

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1345	63.46	Just prior to lowering any equipment into well								
1400	63.47	After lowering equipment into the well & before turning on the pump								
1400	Purge Start Time									
1405	63.52	19.67	1.162	6.42	6.48	-144.8				
1410	63.53	17.09	0.933	2.77	5.86	-100.0				
1415	63.53	16.67	0.913	1.73	5.76	-121.9				
1420	63.53	16.57	0.860	2.02	5.66	-121.0				
1425	63.53	16.74	0.826	2.27	5.57	-114.2				
1430	63.53	16.76	0.809	2.50	5.52	-107.7				
1435	63.53	16.73	0.795	2.64	5.46	-100.7				
1440	63.53	16.80	0.788	2.76	5.41	-95.9		4 gallons-cloudy		
1445	Sample Collection Time									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp ____Unit ± 0.3 °C	Conductivity ____Unit ± 3%	D.O. ____Unit ± 10%	pH NA ± 0.1	ORP ____Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		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

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:		Sample Date: 10-28-15
Initial DTW / Time:			Address:	11791 Fingerboard Rd, Monrovia, MD	
Well Diameter:	2"	Sample Method (cicle one)			
Total Well Depth:		~~Low Flow~~	Sampling Tech(s):	J. Plummer	
Water Column Length:		Purge/sample	Weather Conditions:	rain	
Pump Intake depth:		Grab/No Pruge	Air Temp =	60°	

Data Collection: Low Flow

Time	DTW	Temp ___Unit ± 0.3 °C	Conductivity ms/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP ___Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1120	62.57	Just prior to lowering any equipment into well								
1125	60.03	After lowering equipment into the well & before turning on the pump								
1125	Purge Start Time									
1130	61.87	17.73	3.312	6.62	7.36	-134.1				
1135	62.83	17.45	3.483	4.07	7.35	-152.8				
1140	63.95	17.26	3.579	1.40	7.42	-168.3				
1145	65.05	17.25	3.627	1.01	7.43	-181.2				
1150	66.12	17.30	3.640	0.89	7.43	-187.4				
1155	67.22	16.88	3.644	0.79	7.43	-193.0				
1200	68.35	16.77	3.644	0.72	7.43	-198.2				
1205	69.44	16.73	3.644	0.68	7.43	-201.5				
1210	70.48	16.74	3.644	0.69	7.43	-203.1		2 1/4 gallons	-clear	
1215	Sample Collection Time									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	Temp ___Unit ± 0.3 °C	Conductivity ___Unit ± 3%	D.O. ___Unit ± 10%	pH NA ± 0.1	ORP ___Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Method Of Sampling
		If Applicable								
		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

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

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

Europhins Lancaster Laboratories
ID Numbers:
1604112
1604113
1604631
1604633
1604995
1604996
1605423
1605424

APPENDIX D

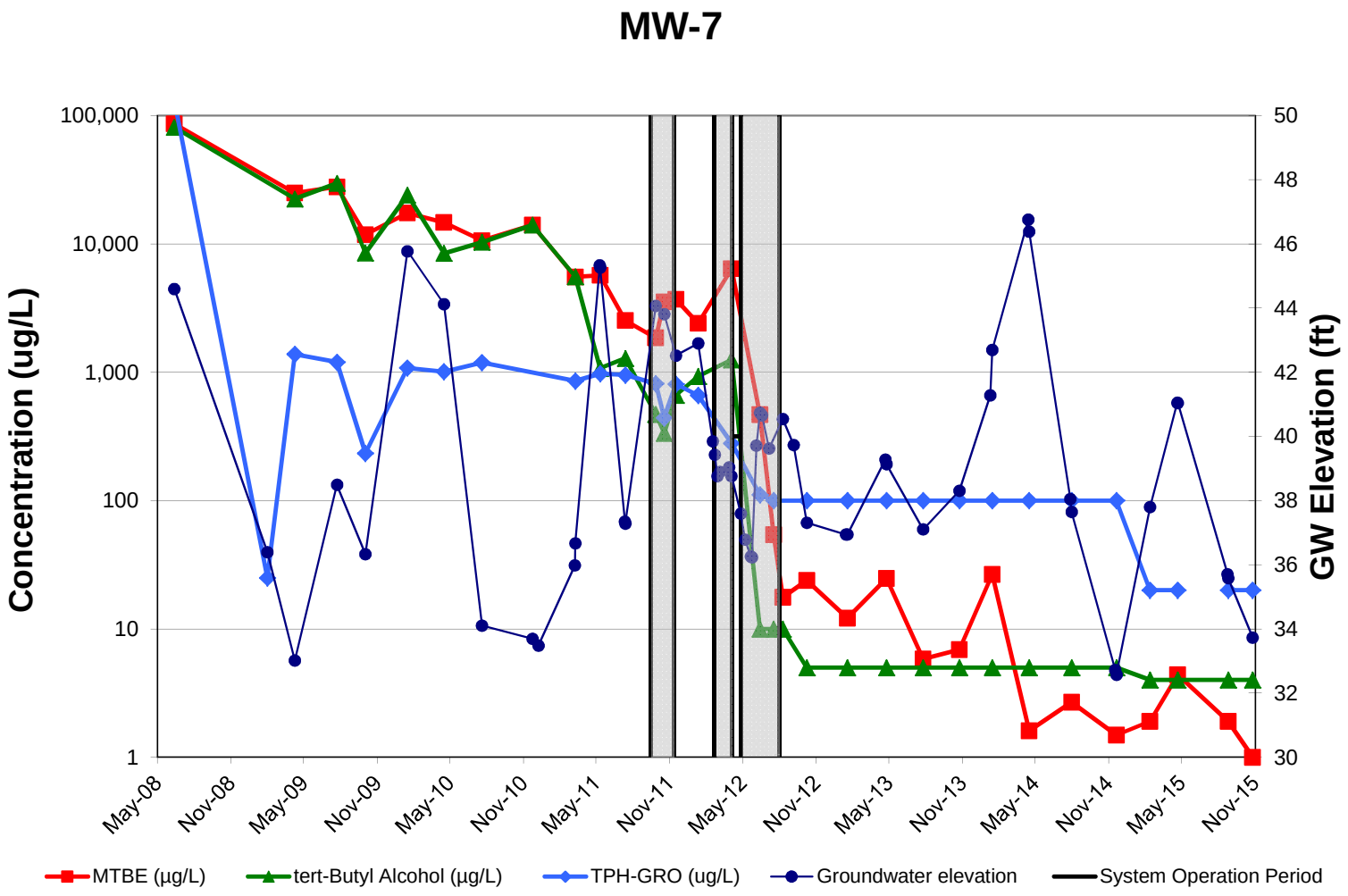
Groundwater Monitoring Graphs

.

Appendix D

GROUNDWATER MONITORING GRAPHS

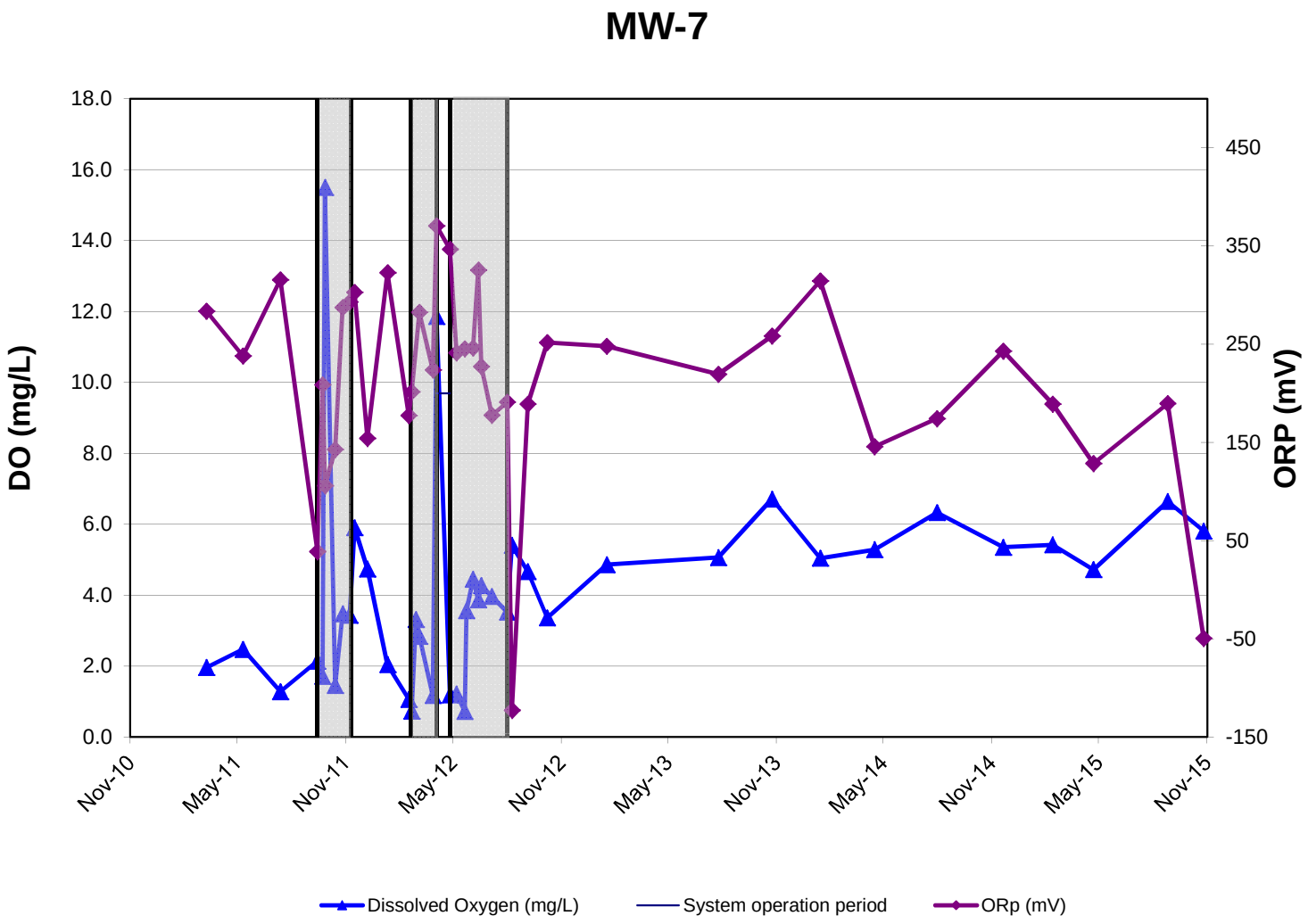
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD



Appendix D

GROUNDWATER MONITORING GRAPHS

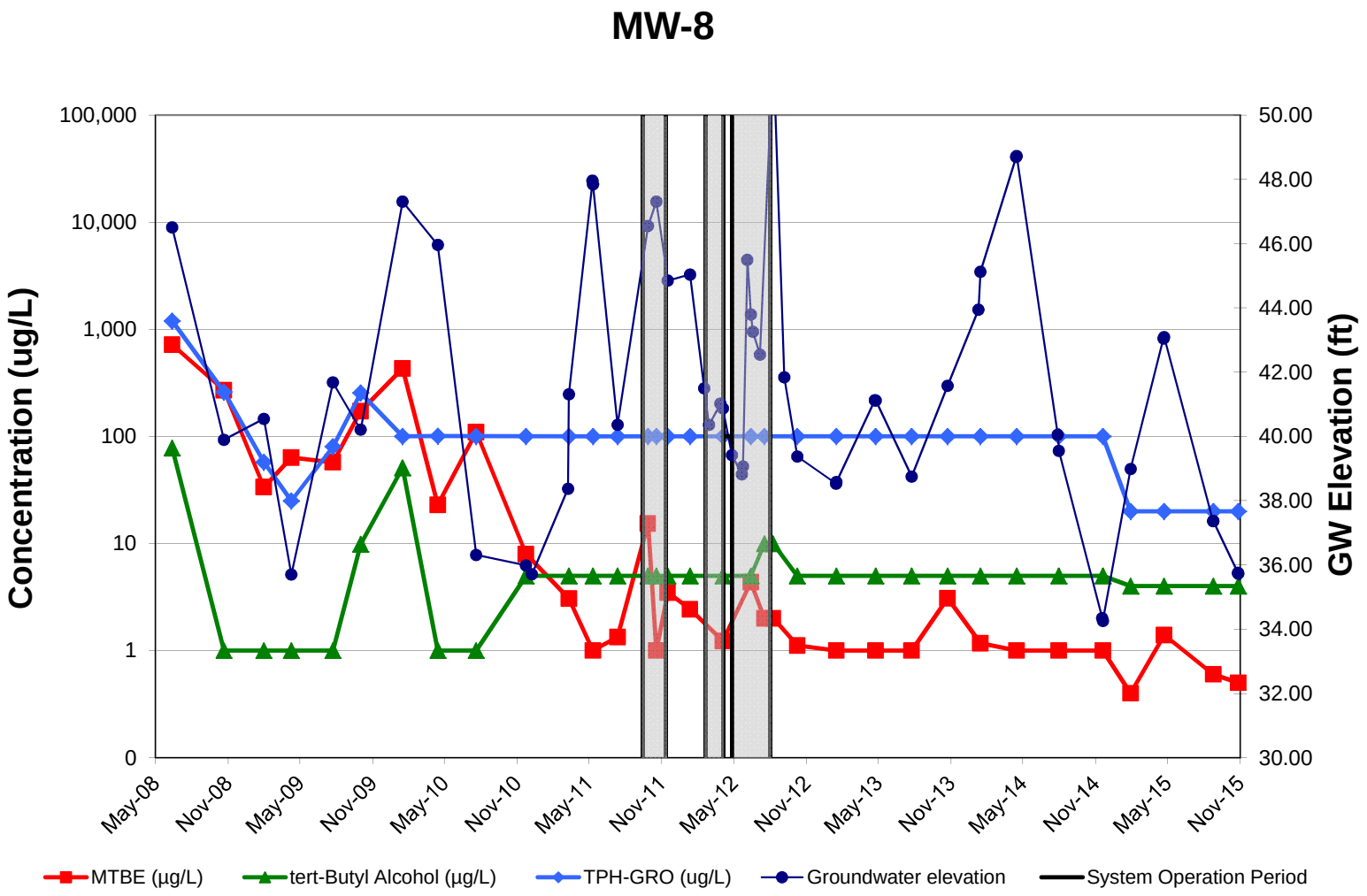
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD



Appendix D

GROUNDWATER MONITORING GRAPHS

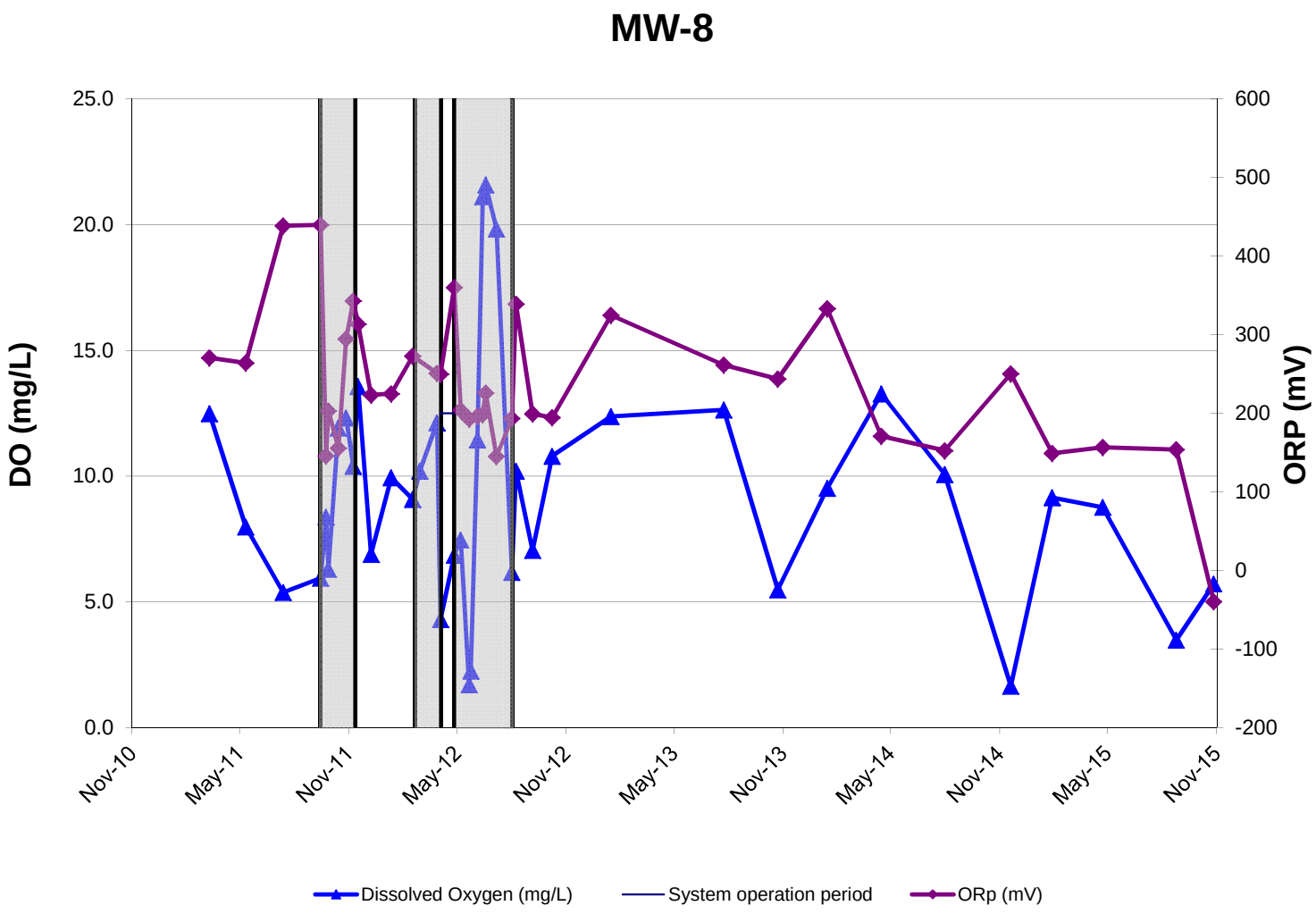
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD



Appendix D

GROUNDWATER MONITORING GRAPHS

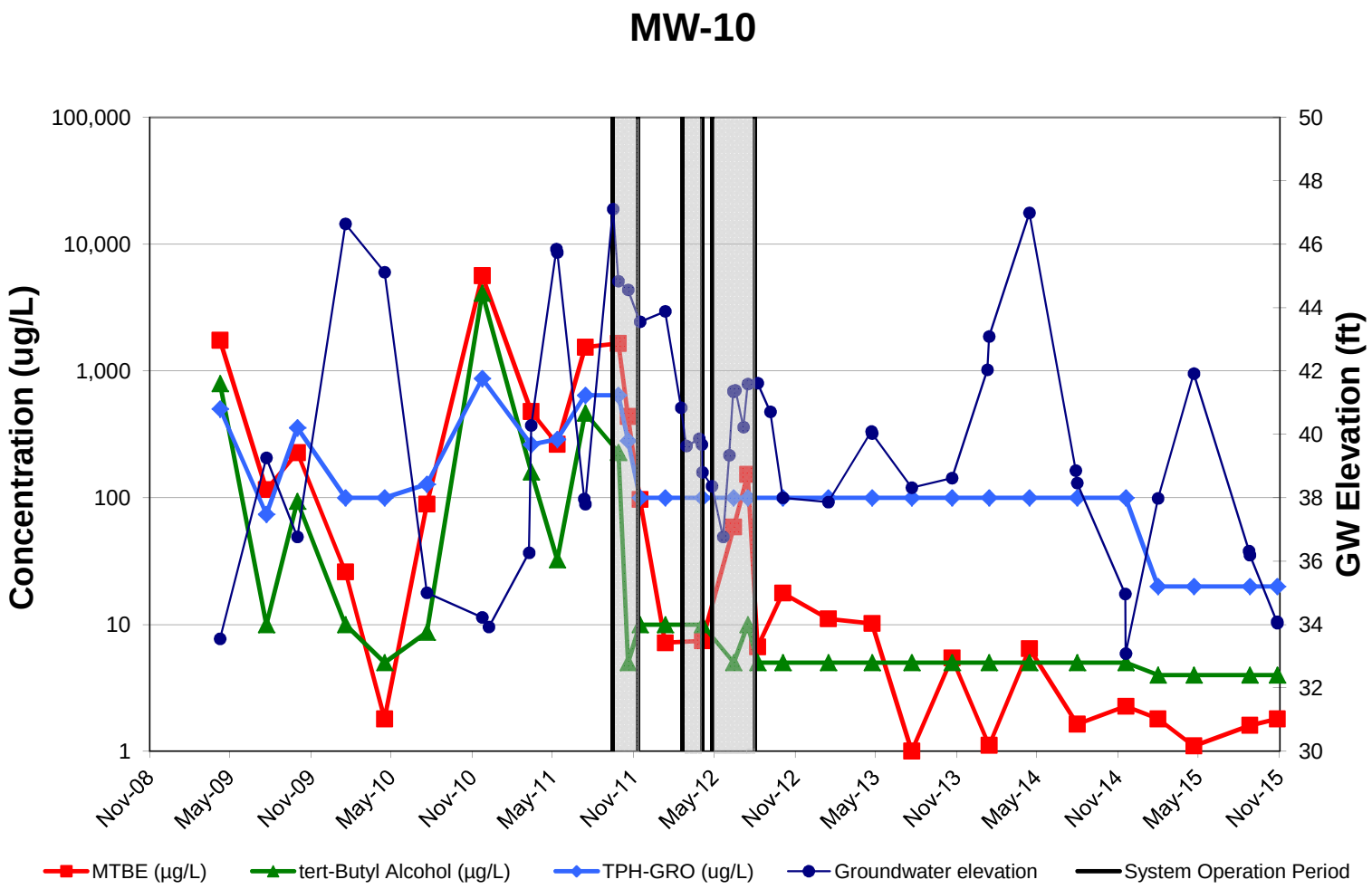
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD



Appendix D

GROUNDWATER MONITORING GRAPHS

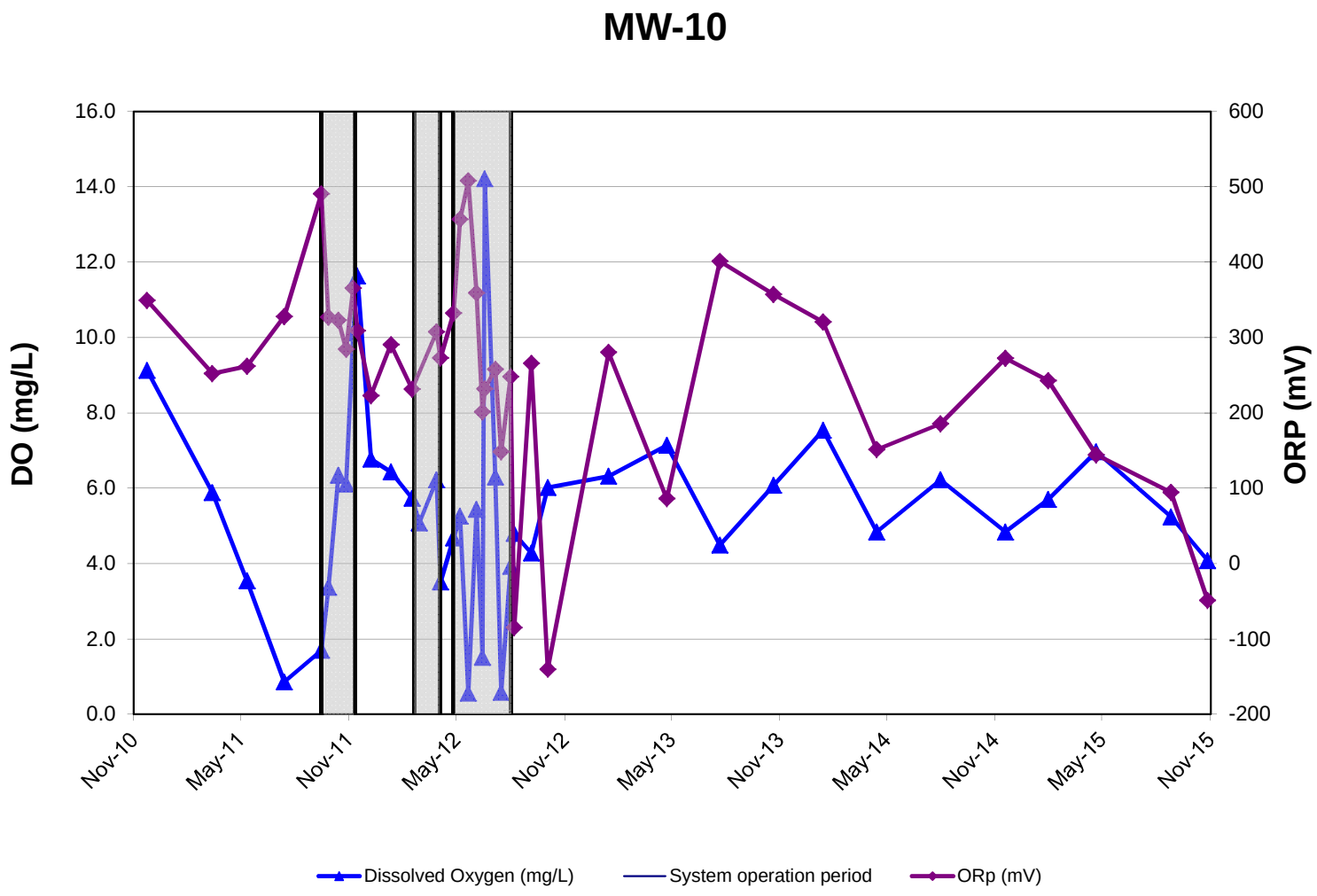
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD



Appendix D

GROUNDWATER MONITORING GRAPHS

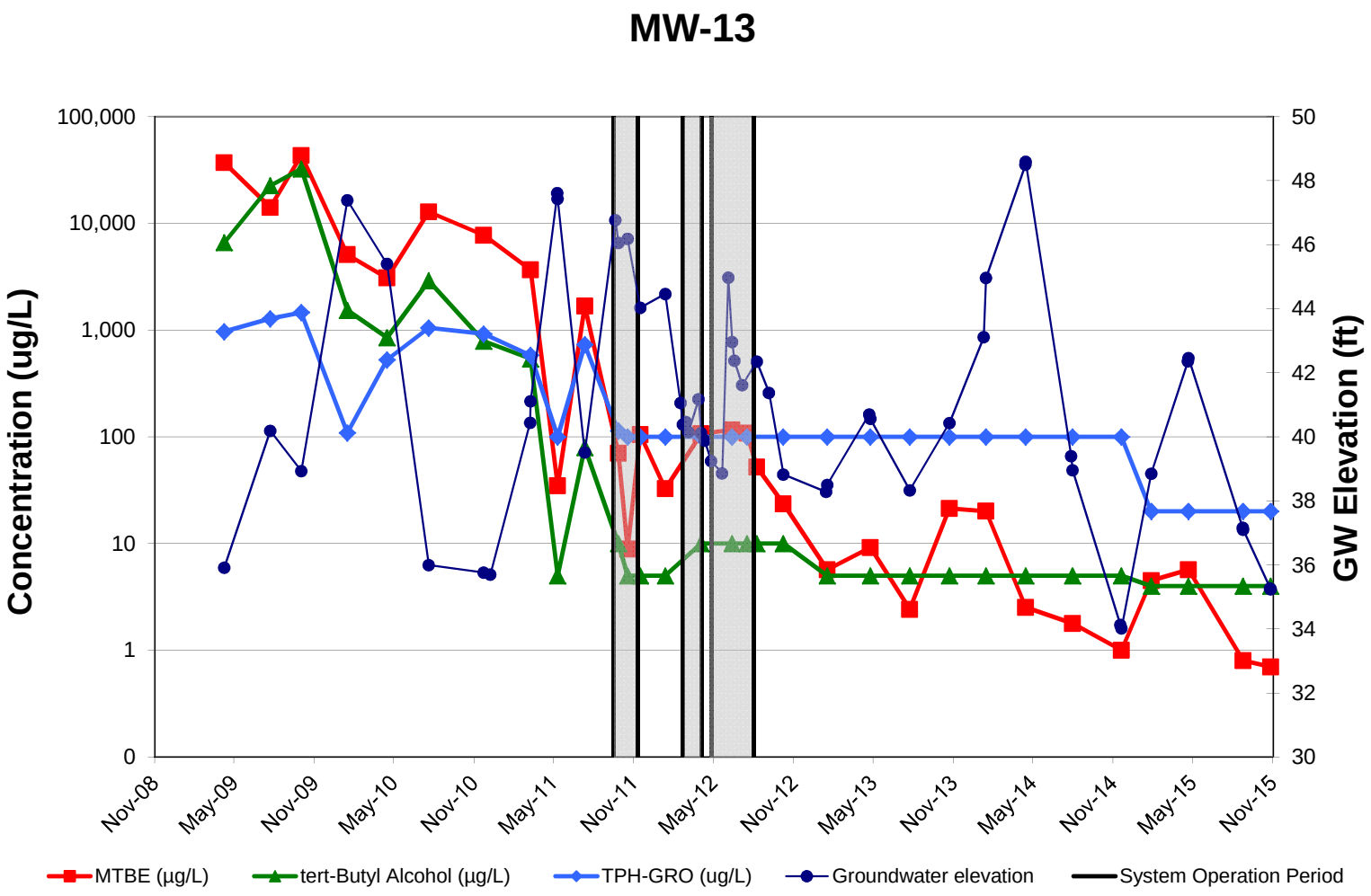
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD



Appendix D

GROUNDWATER MONITORING GRAPHS

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

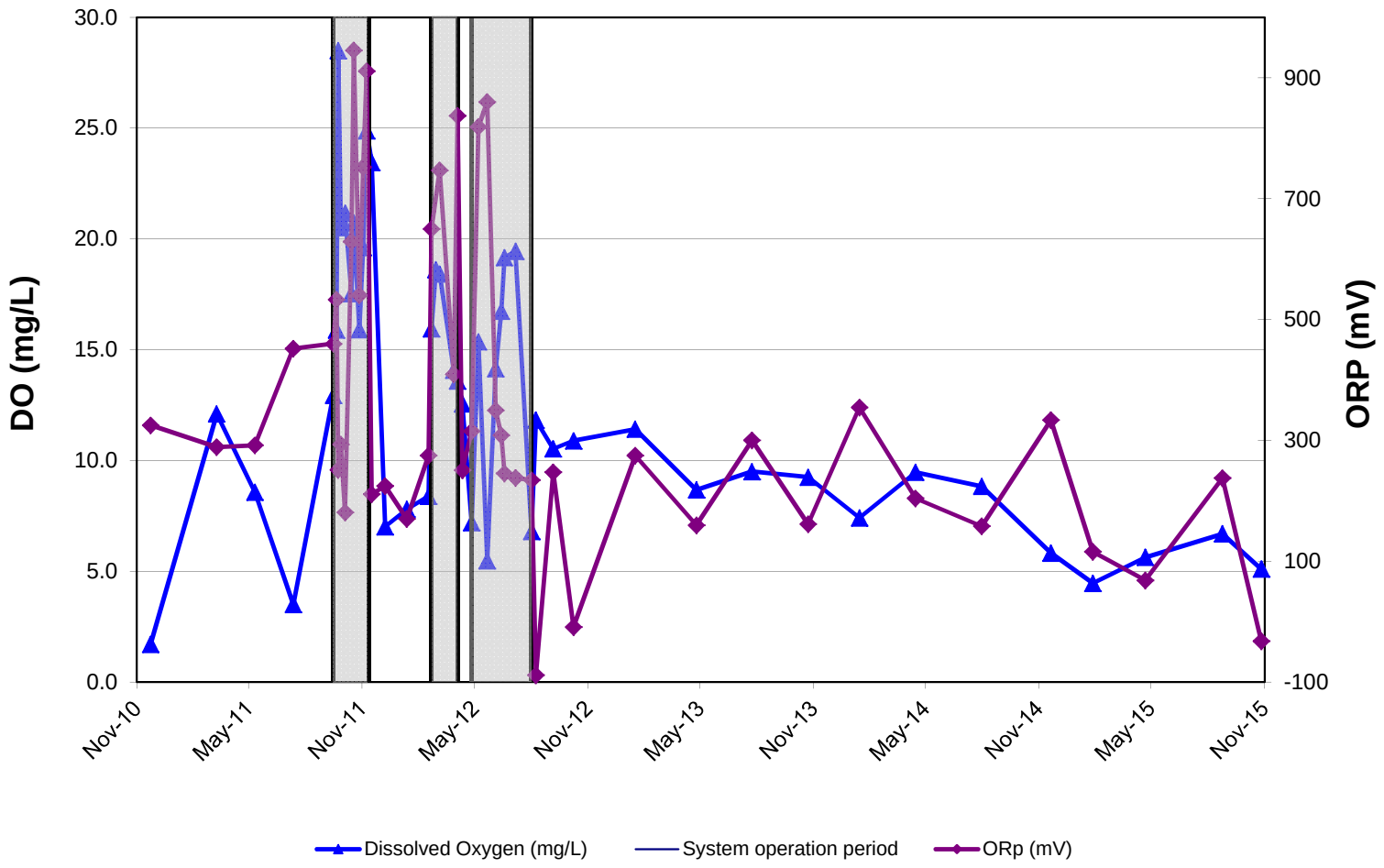


Appendix D

GROUNDWATER MONITORING GRAPHS

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

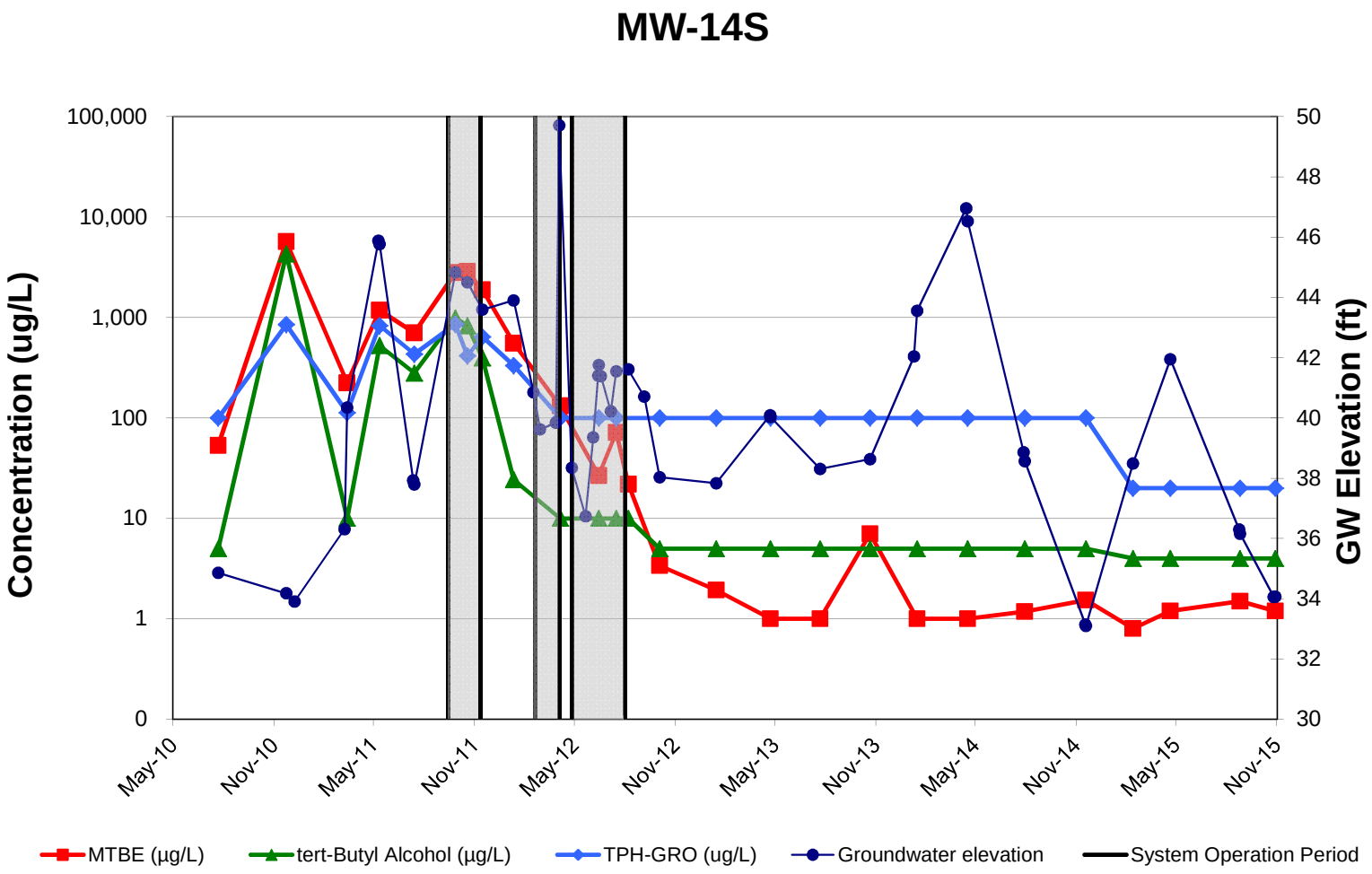
MW-13



Appendix D

GROUNDWATER MONITORING GRAPHS

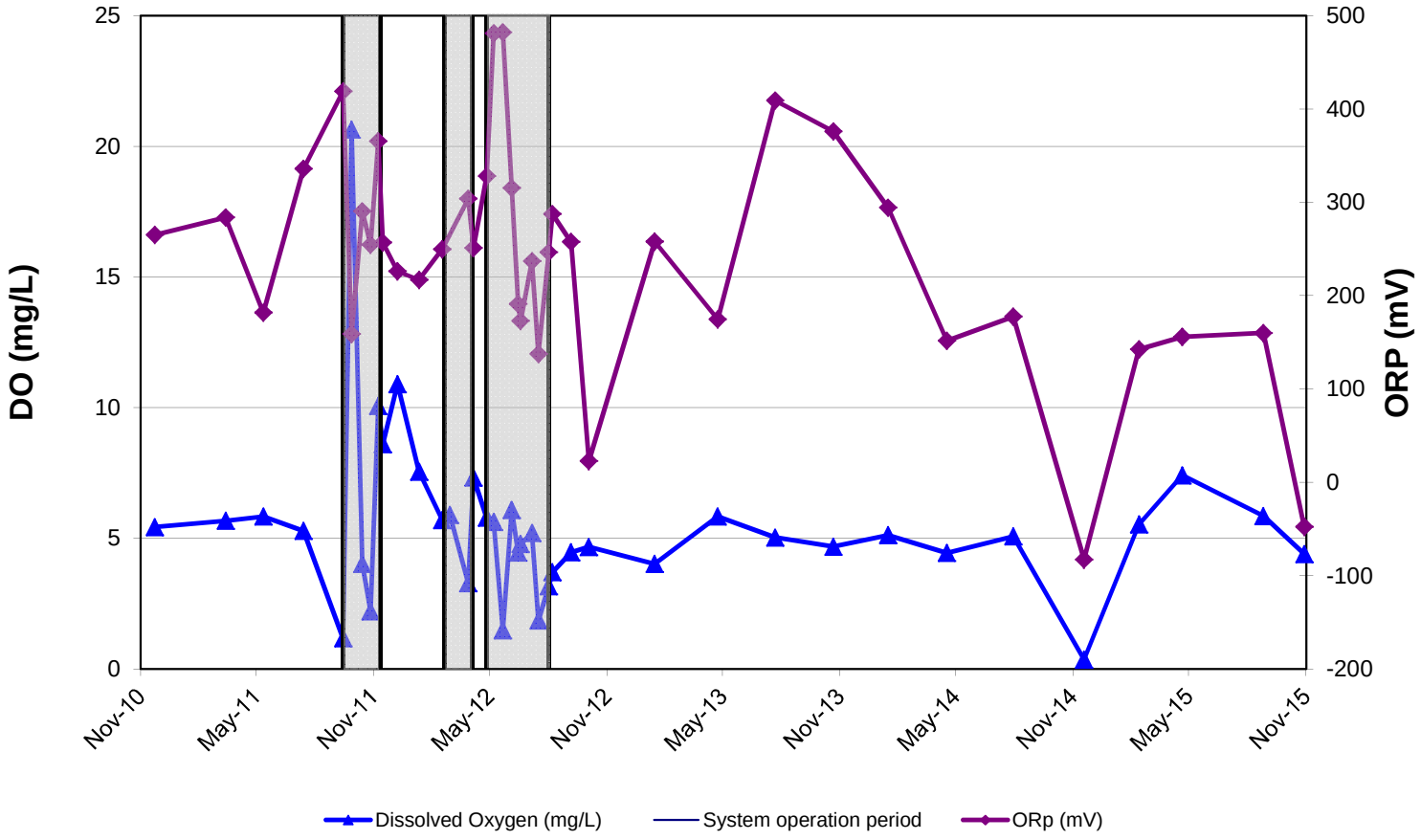
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD



GROUNDWATER MONITORING GRAPHS

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

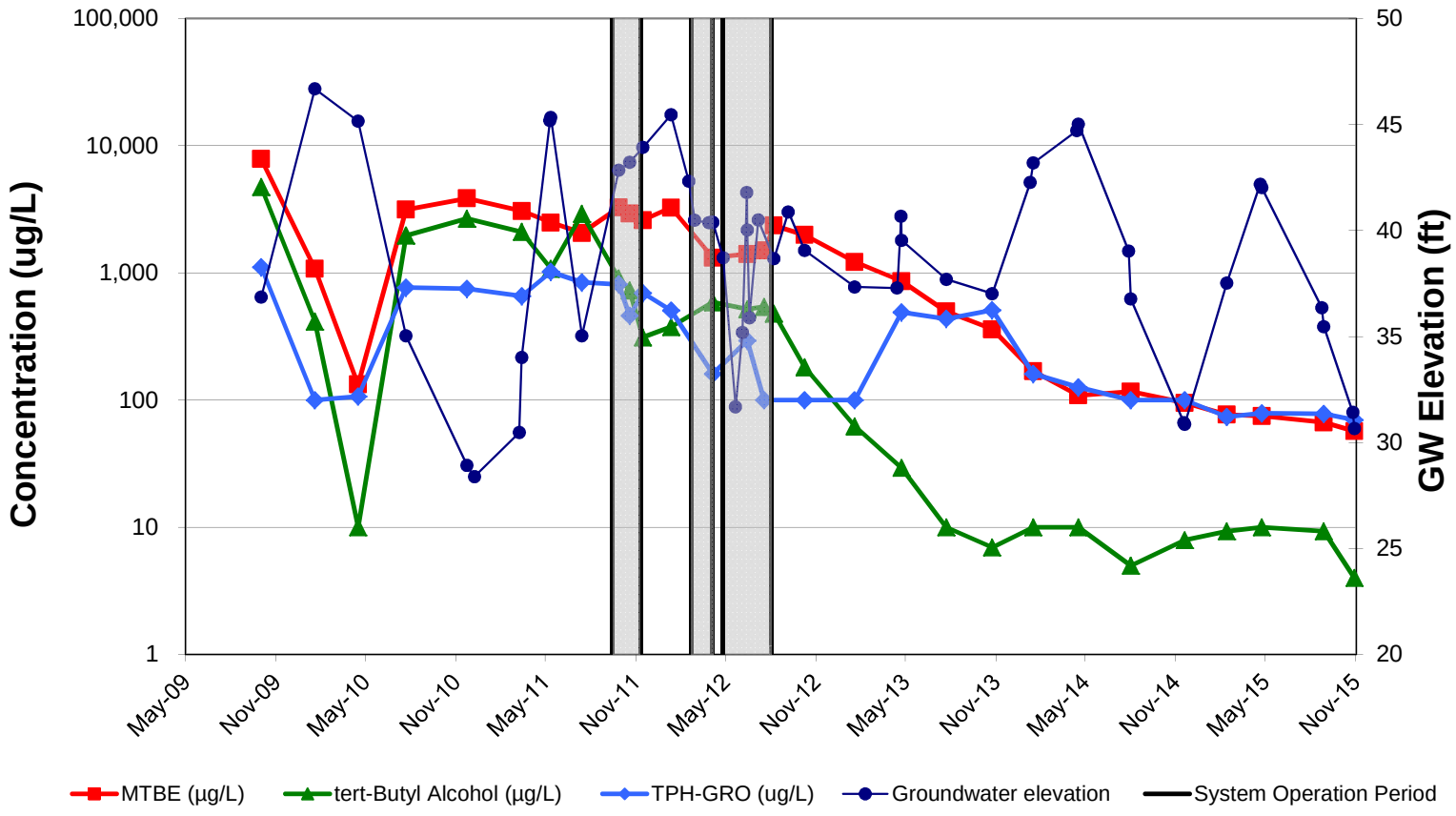
MW-14S



GROUNDWATER MONITORING GRAPHS

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

MW-14D

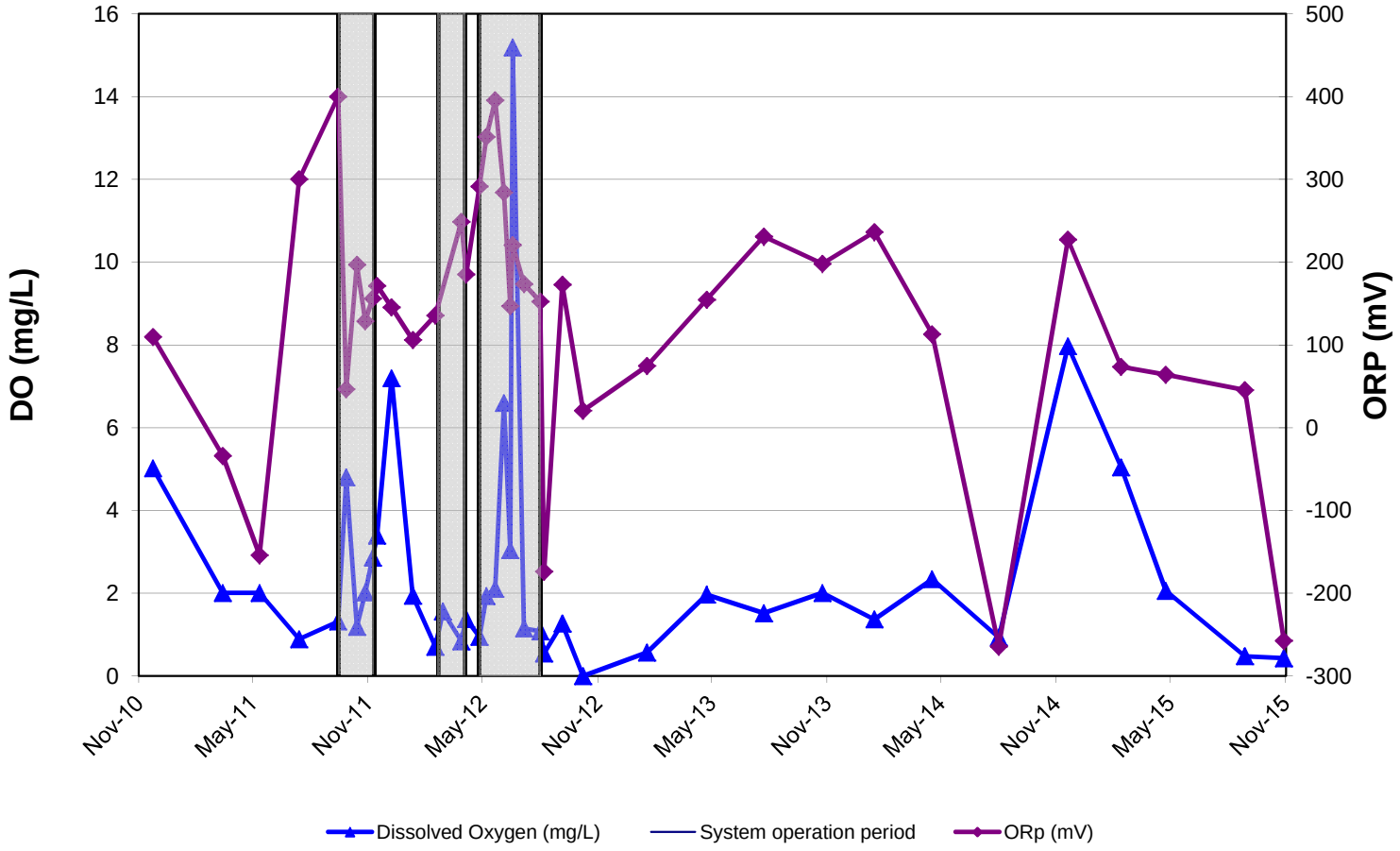


Appendix D

GROUNDWATER MONITORING GRAPHS

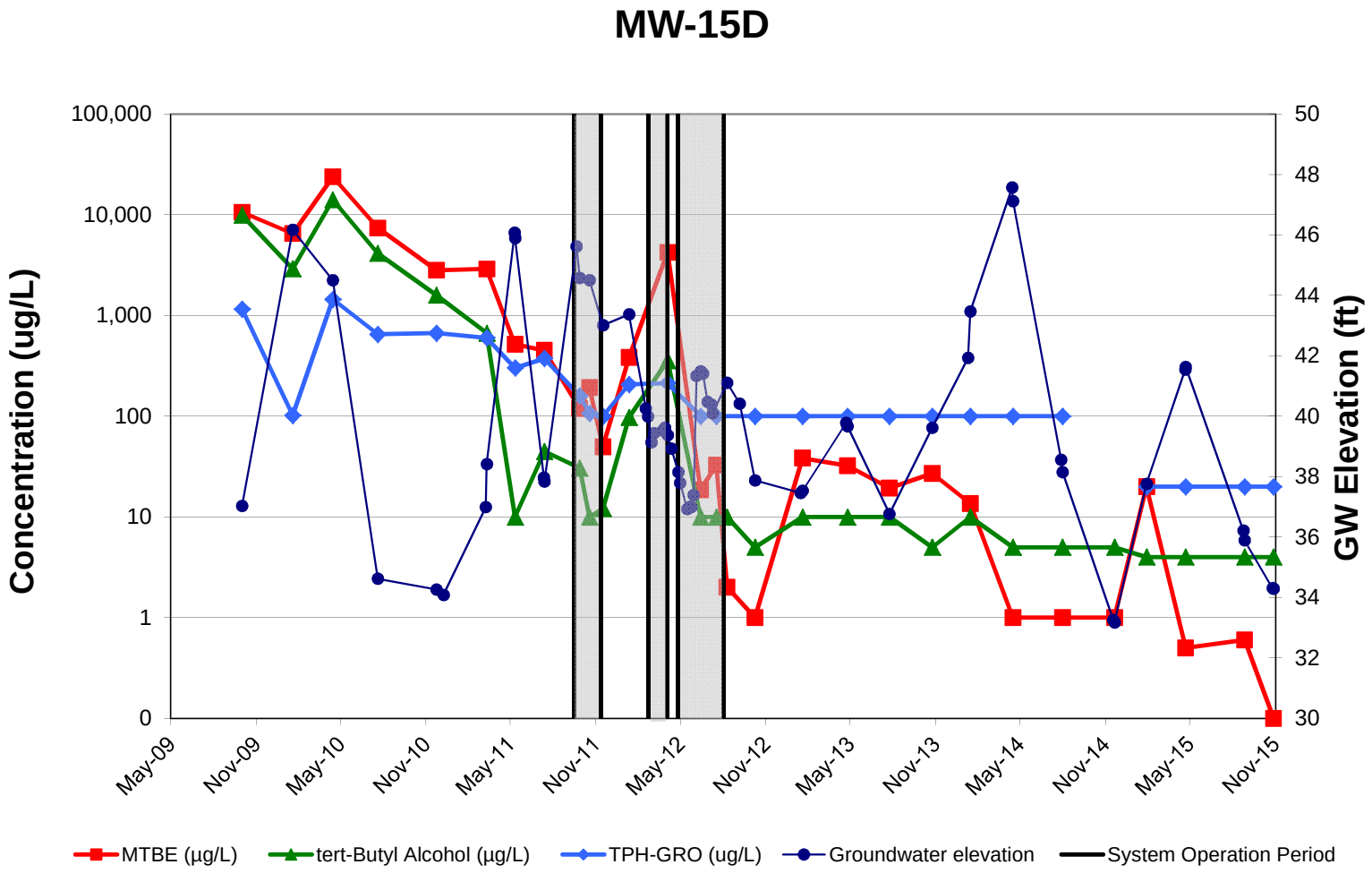
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD

MW-14D



GROUNDWATER MONITORING GRAPHS

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

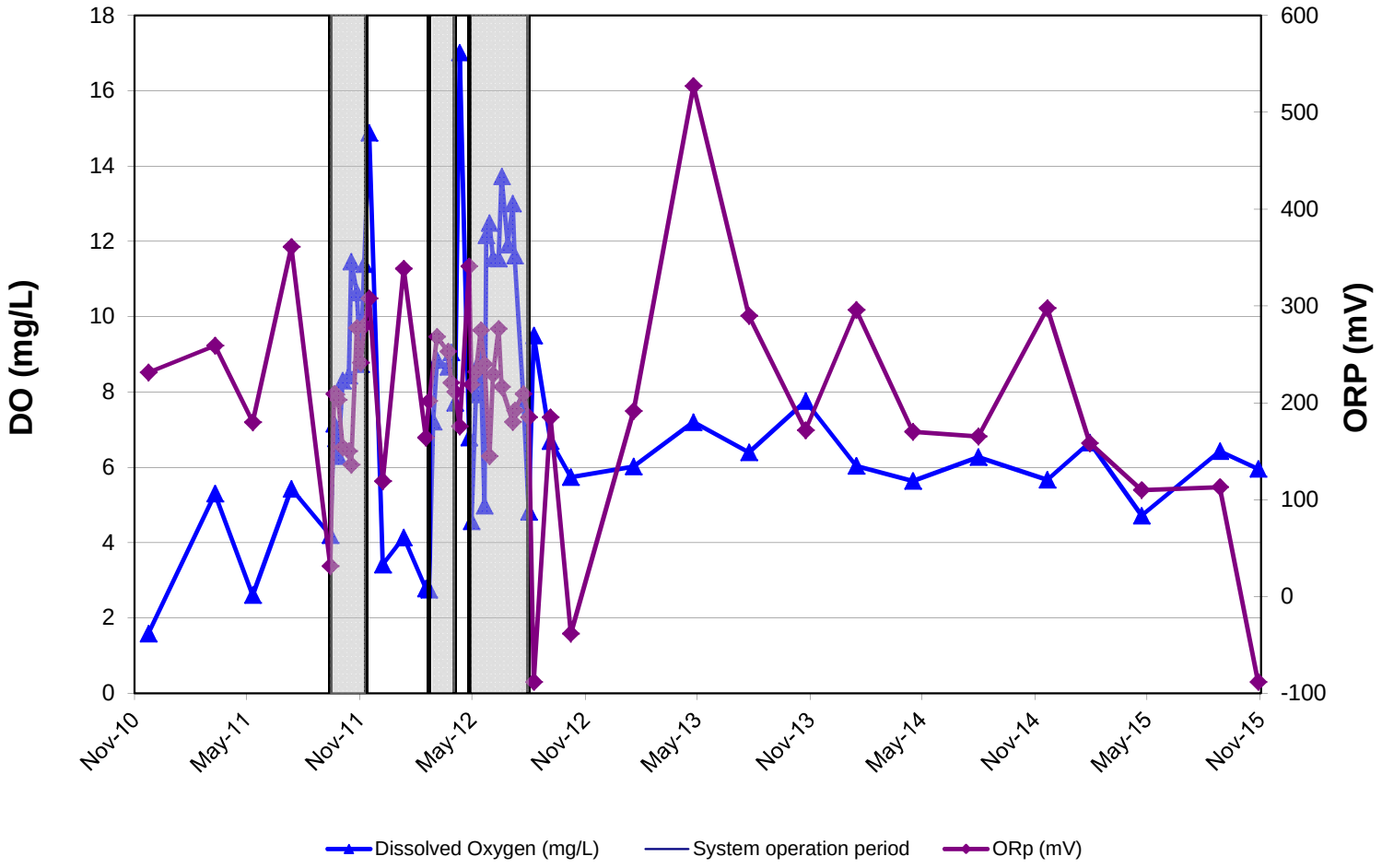


Appendix D

GROUNDWATER MONITORING GRAPHS

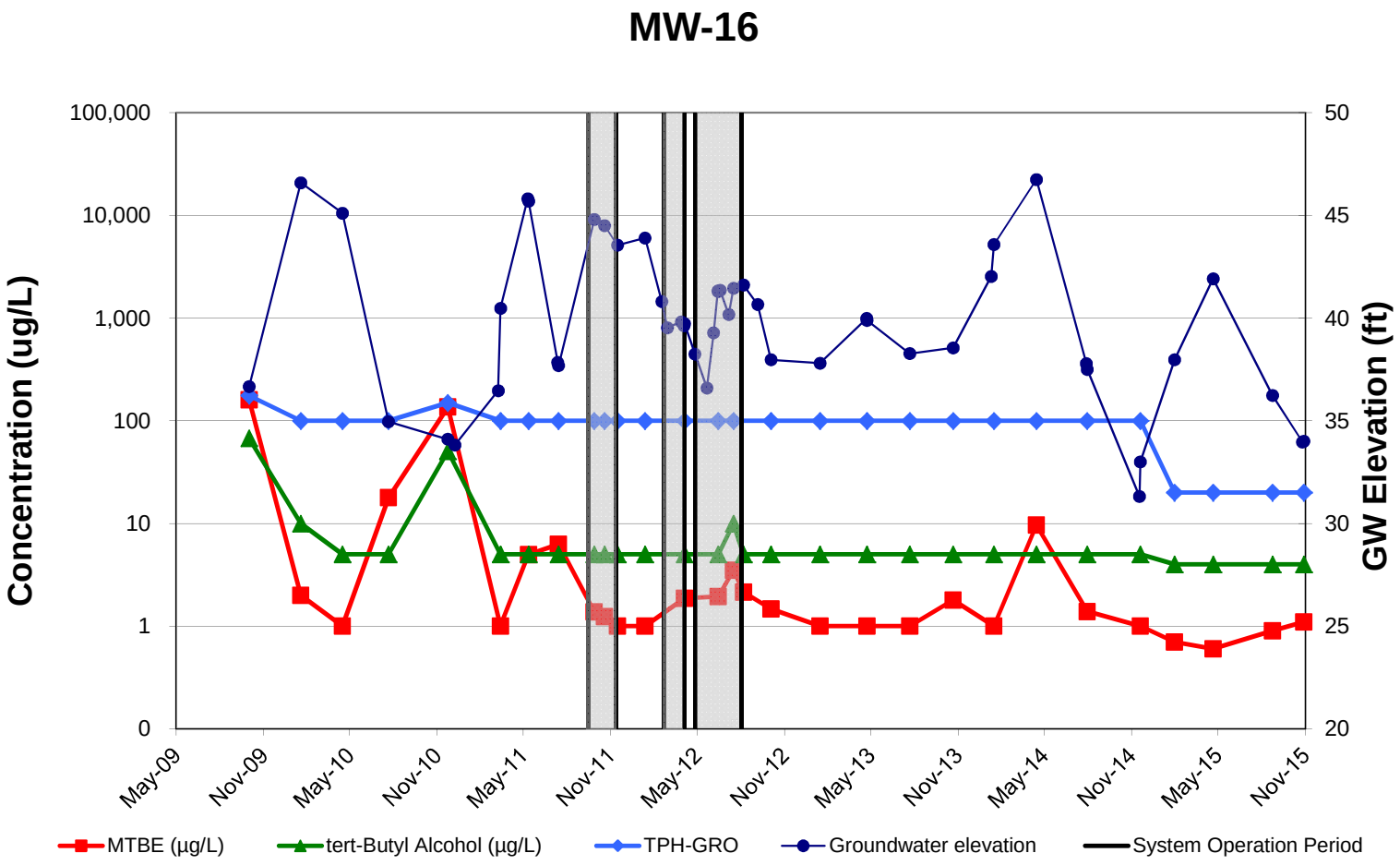
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD

MW-15D



GROUNDWATER MONITORING GRAPHS

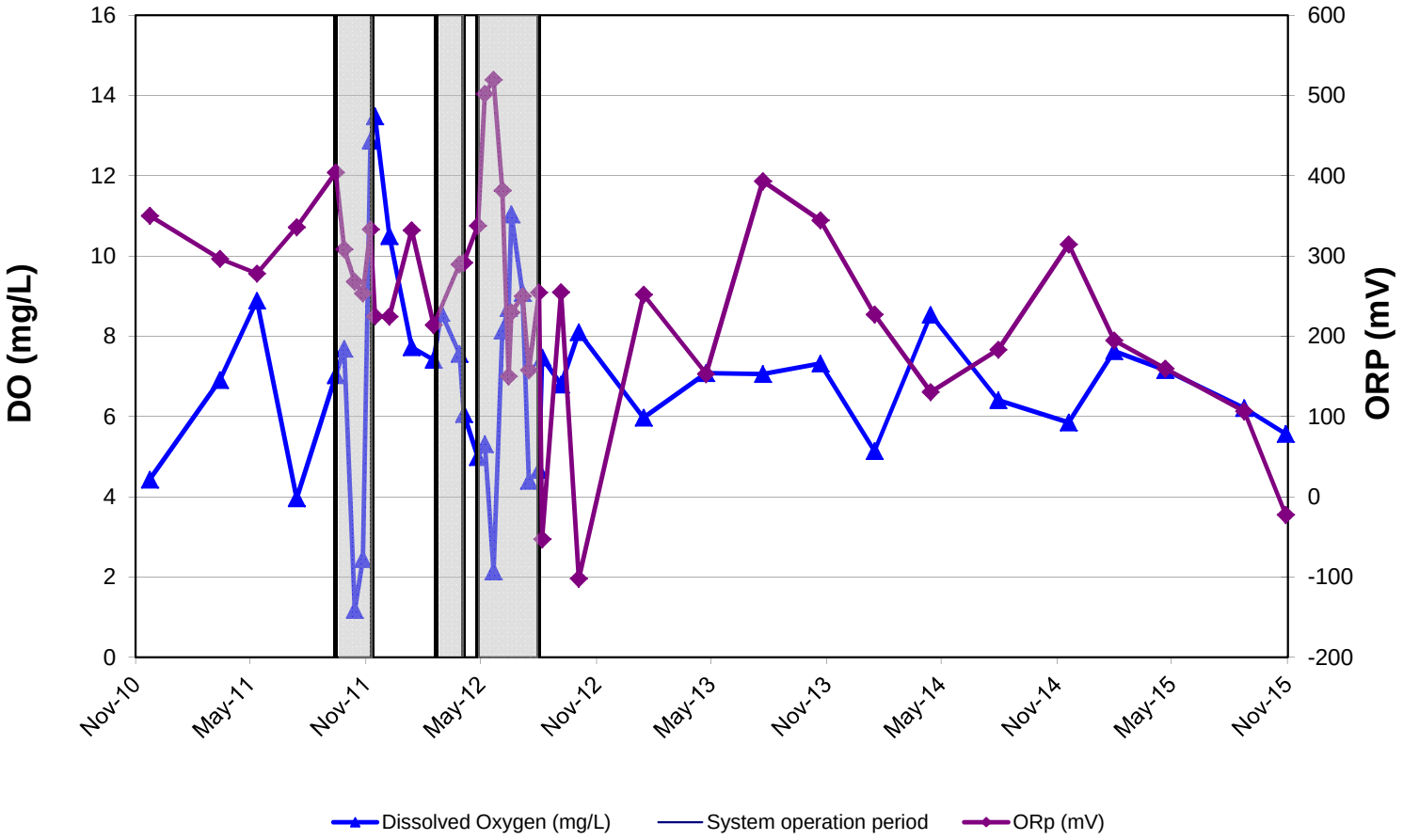
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD



GROUNDWATER MONITORING GRAPHS

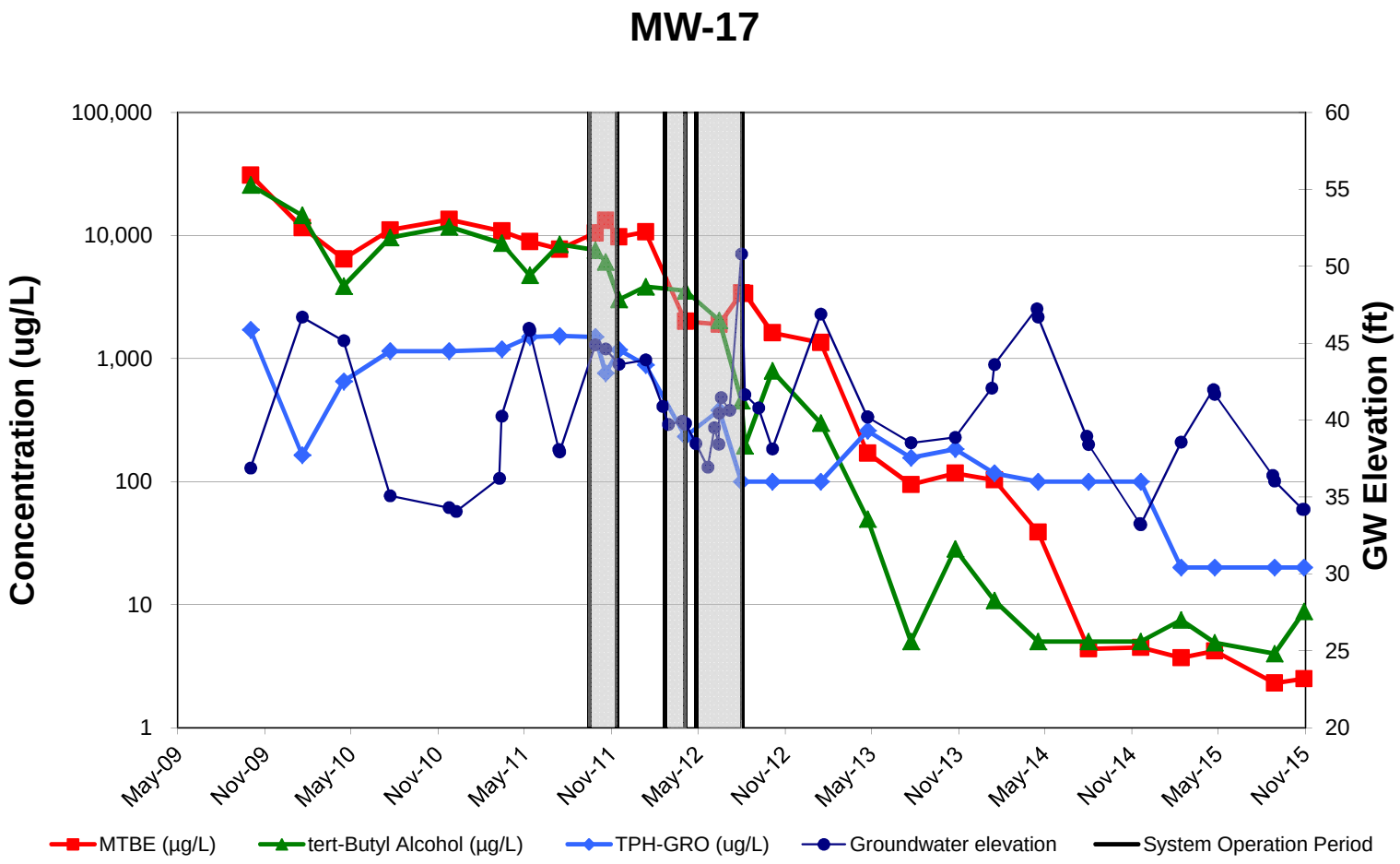
Carroll - Monrovia BP/Former Green Valley Citgo
11791 Fingerboard Rd
Monrovia, MD

MW-16



GROUNDWATER MONITORING GRAPHS

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

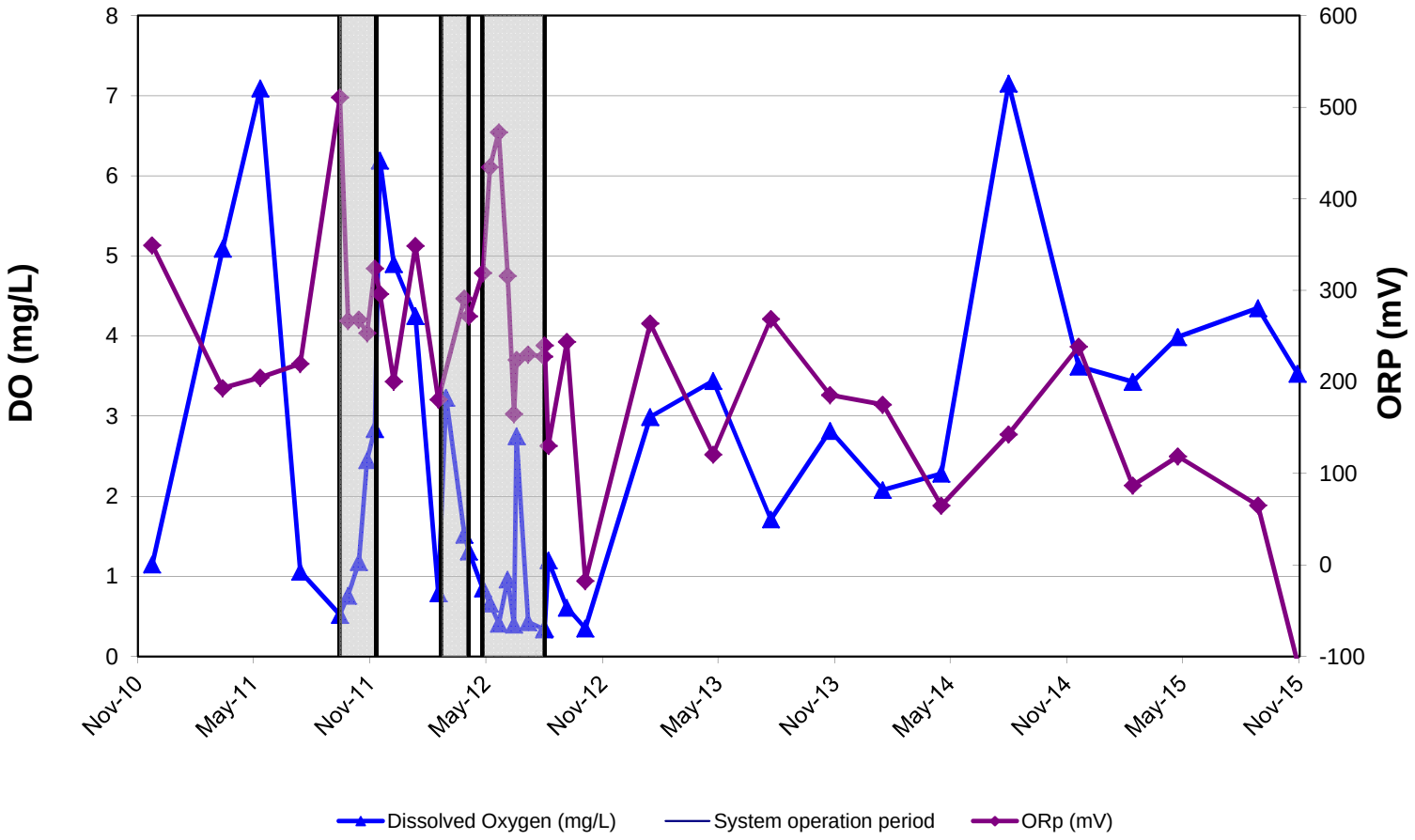


Appendix D

GROUNDWATER MONITORING GRAPHS

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

MW-17

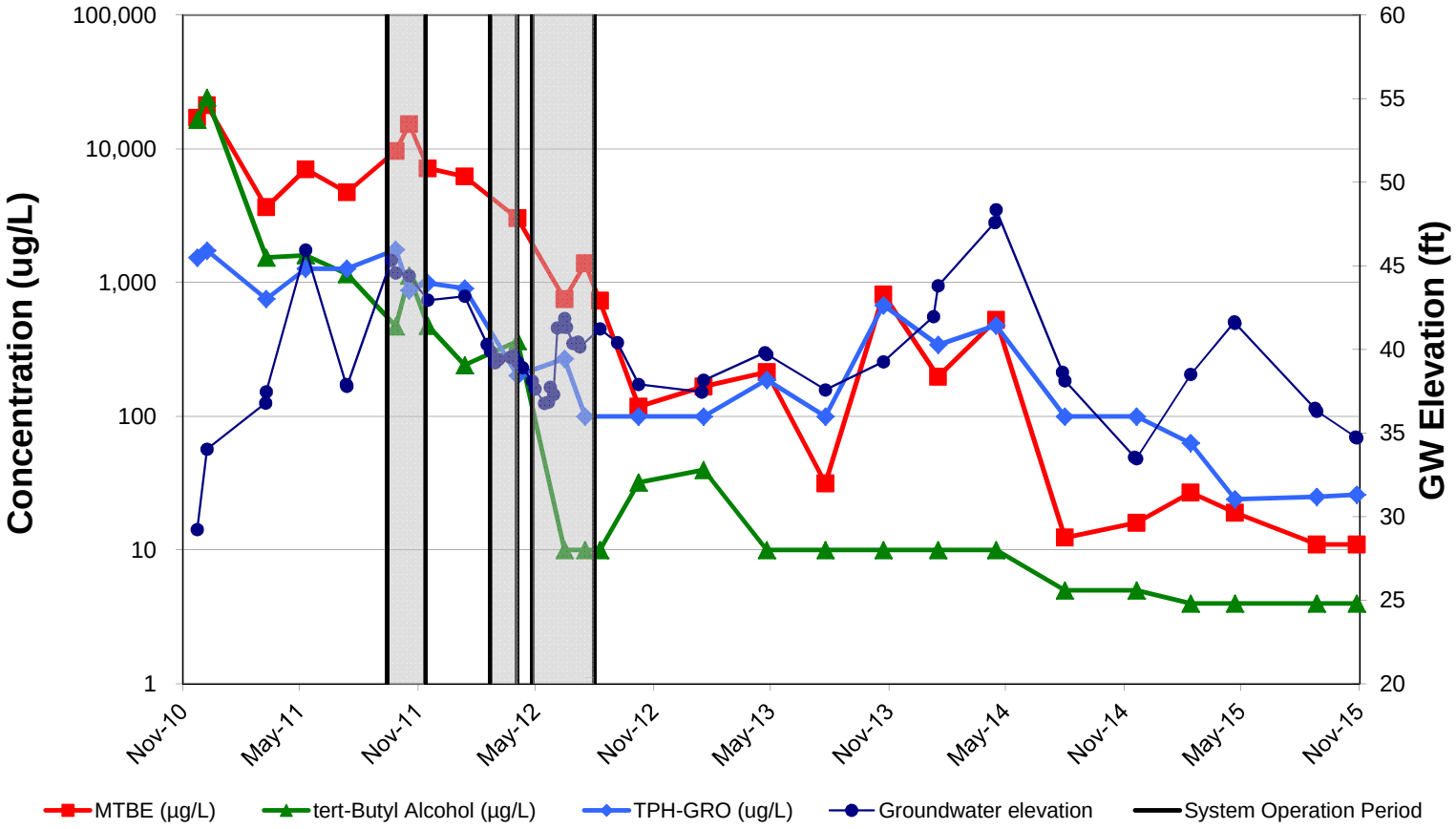


Appendix D

GROUNDWATER MONITORING GRAPHS

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

MW-18S

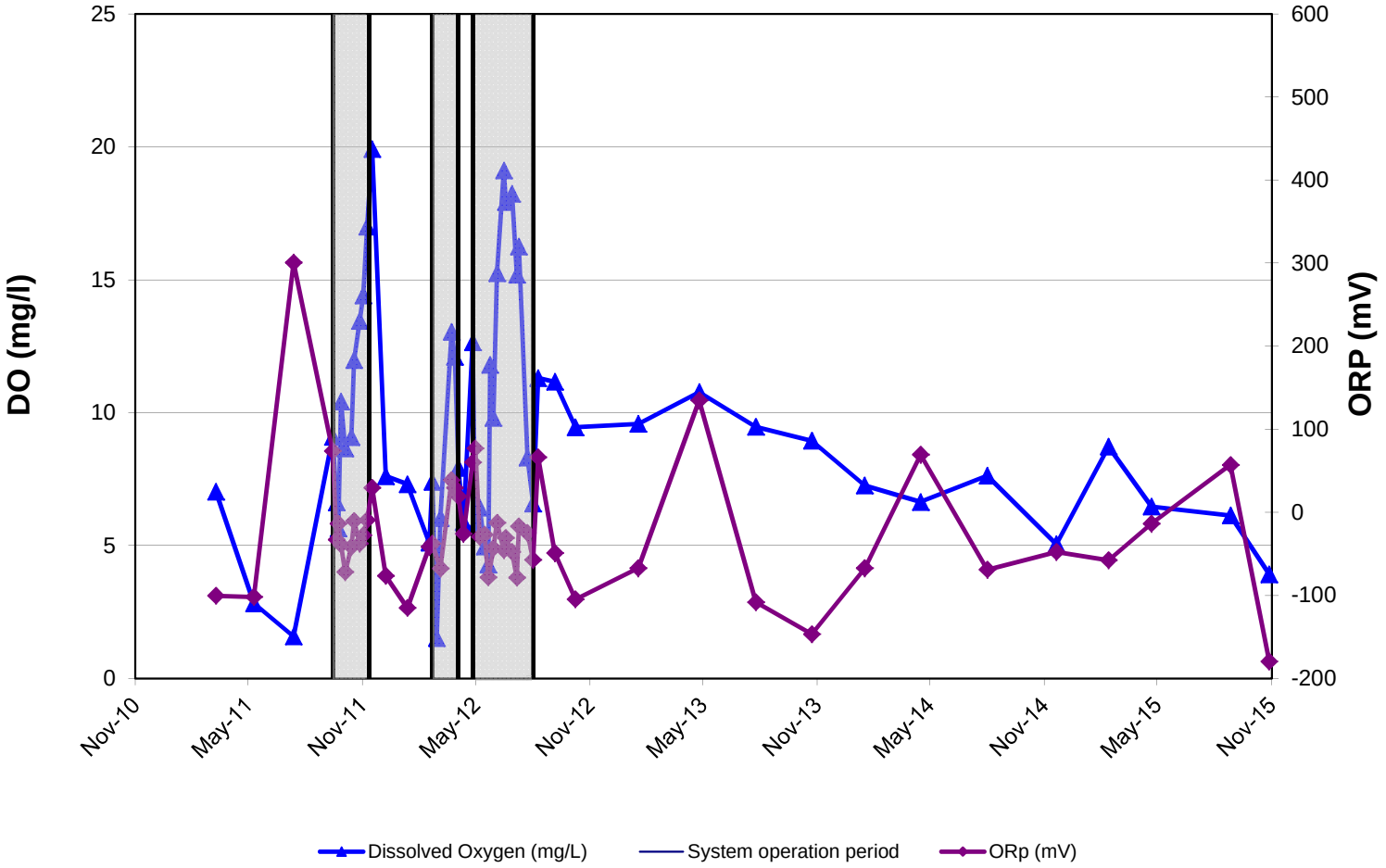


Appendix D

GROUNDWATER MONITORING GRAPHS

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

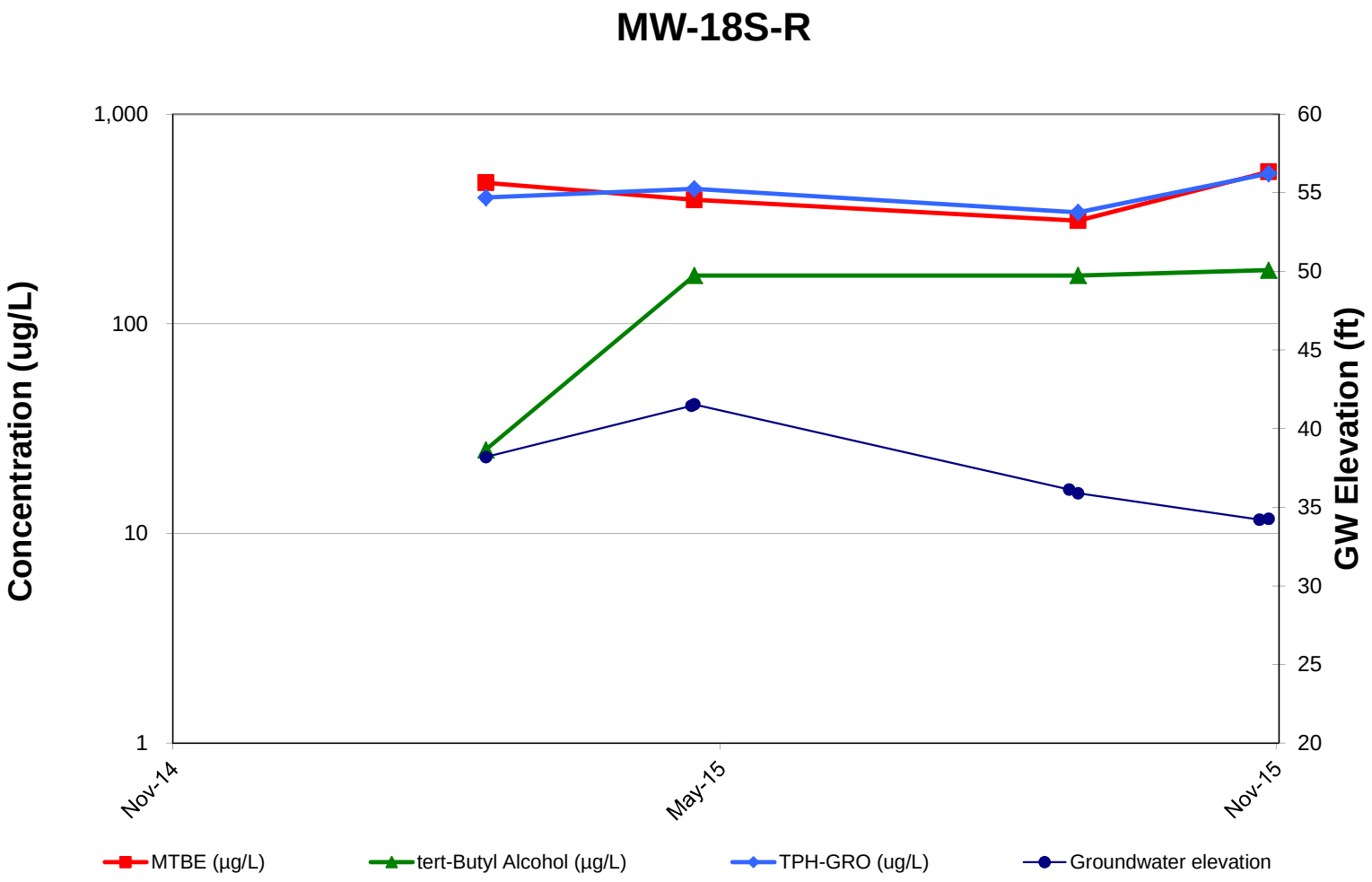
MW-18S



Appendix D

GROUNDWATER MONITORING GRAPHS

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

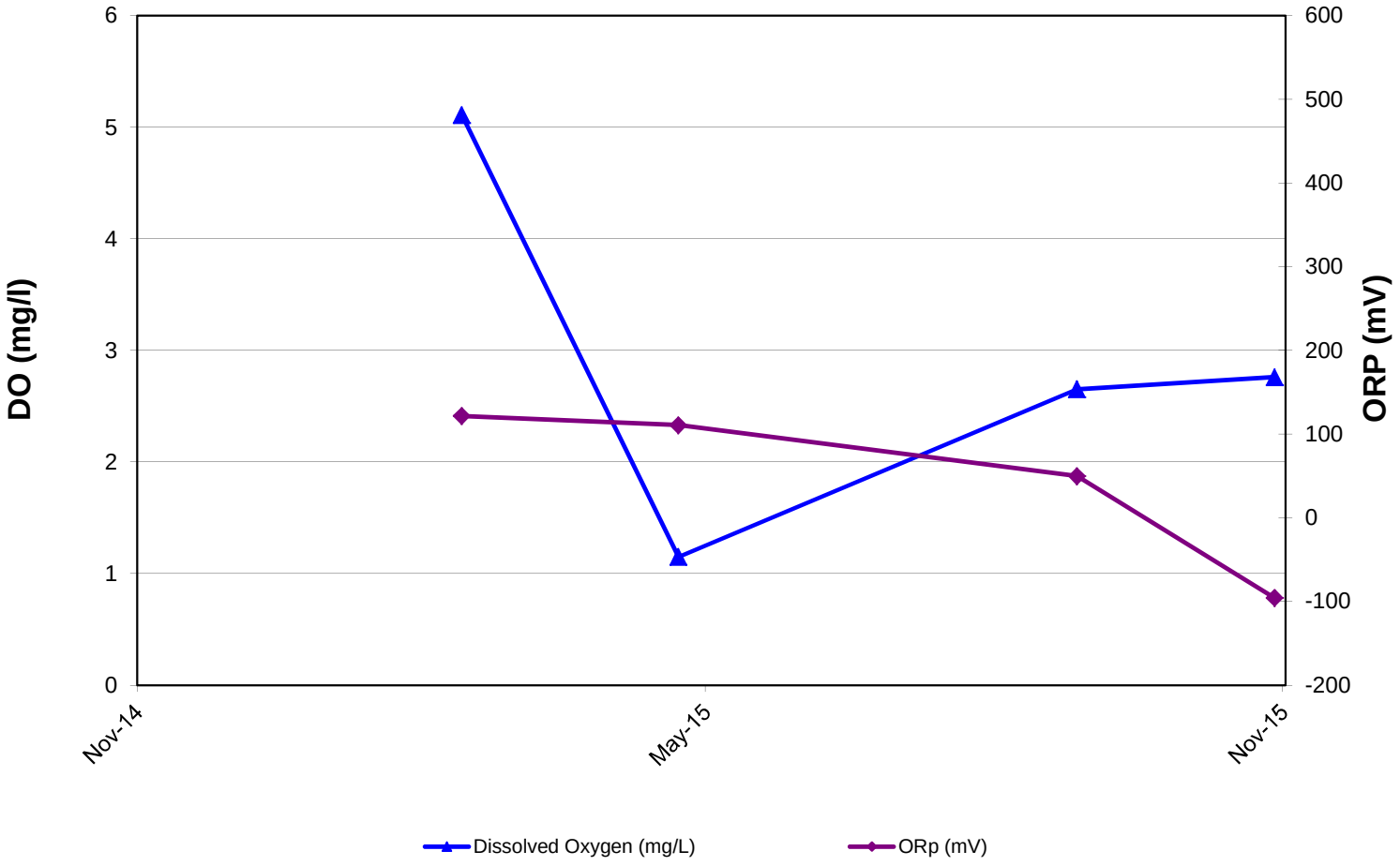


Appendix D

GROUNDWATER MONITORING GRAPHS

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

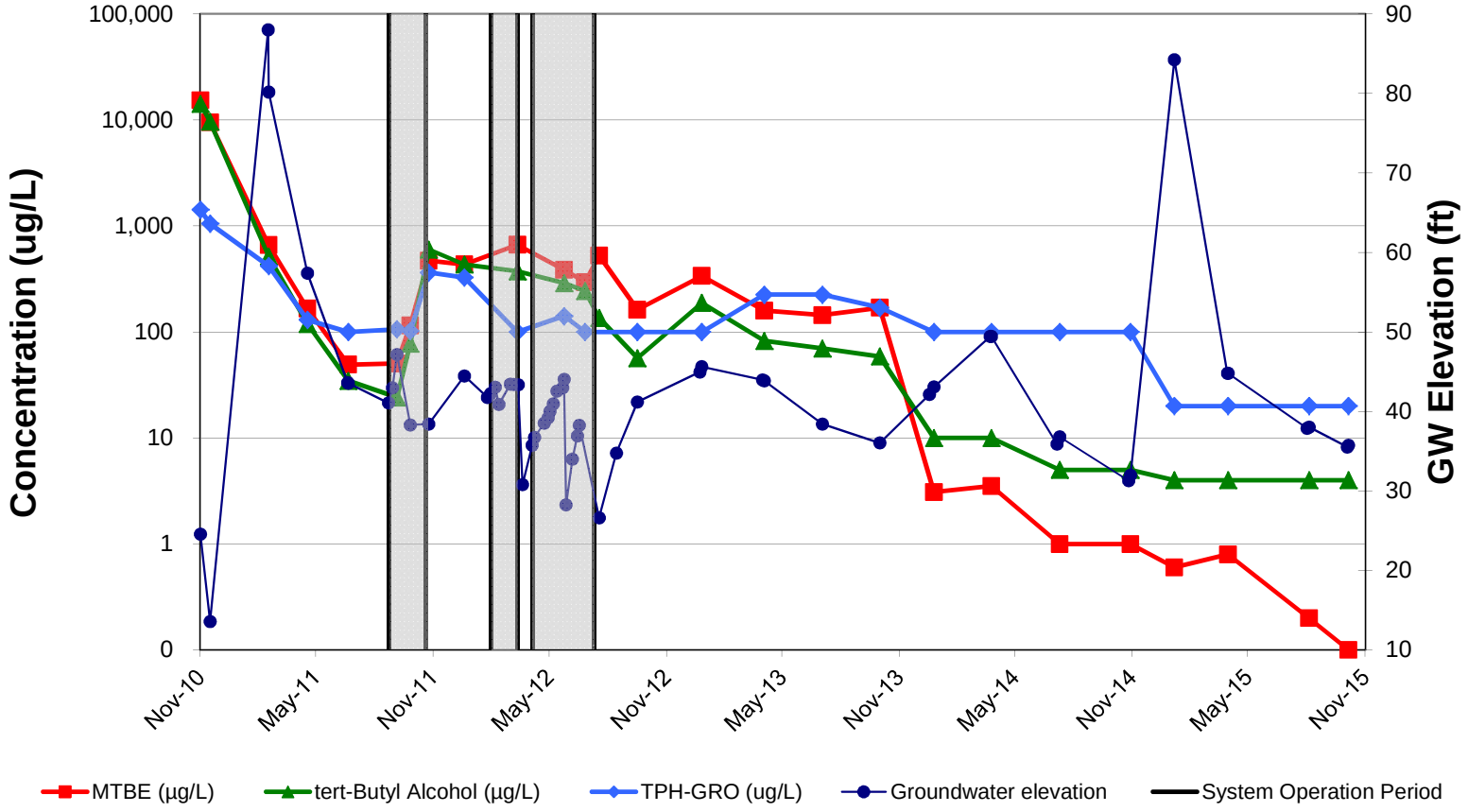
MW-18S-R



GROUNDWATER MONITORING GRAPHS

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

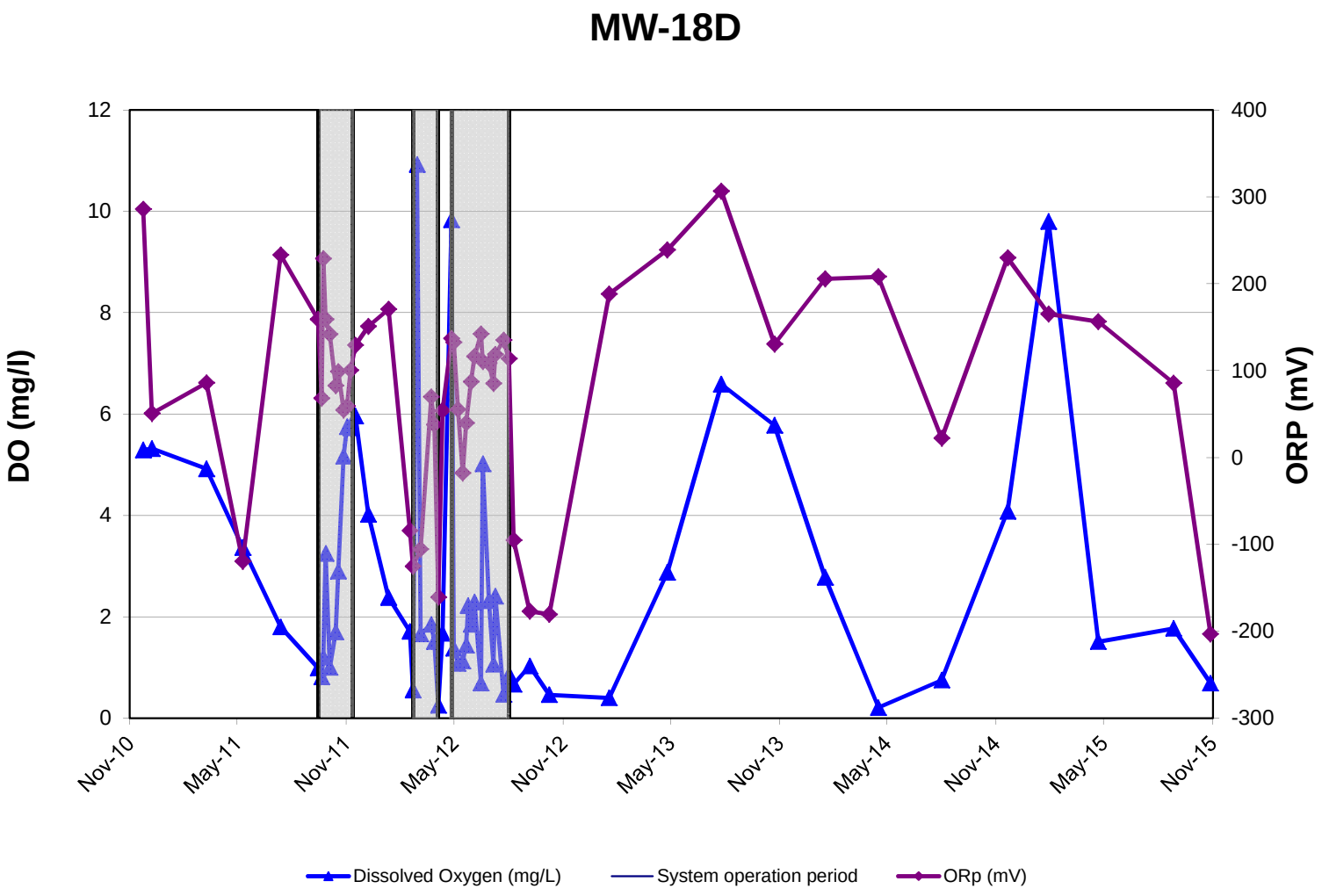
MW-18D



Appendix D

GROUNDWATER MONITORING GRAPHS

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

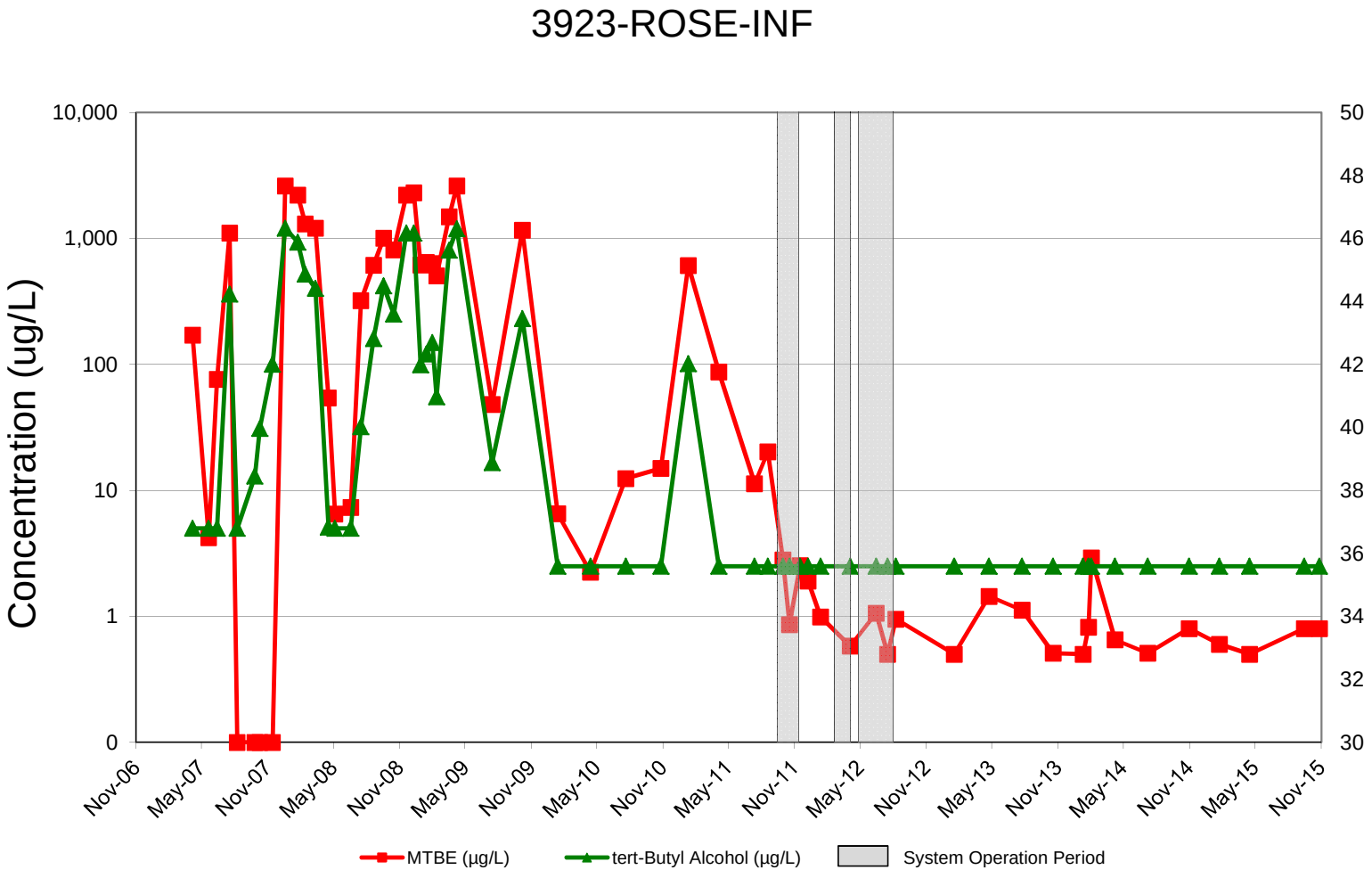


APPENDIX E

Residential Supply Well Groundwater Monitoring Graphs

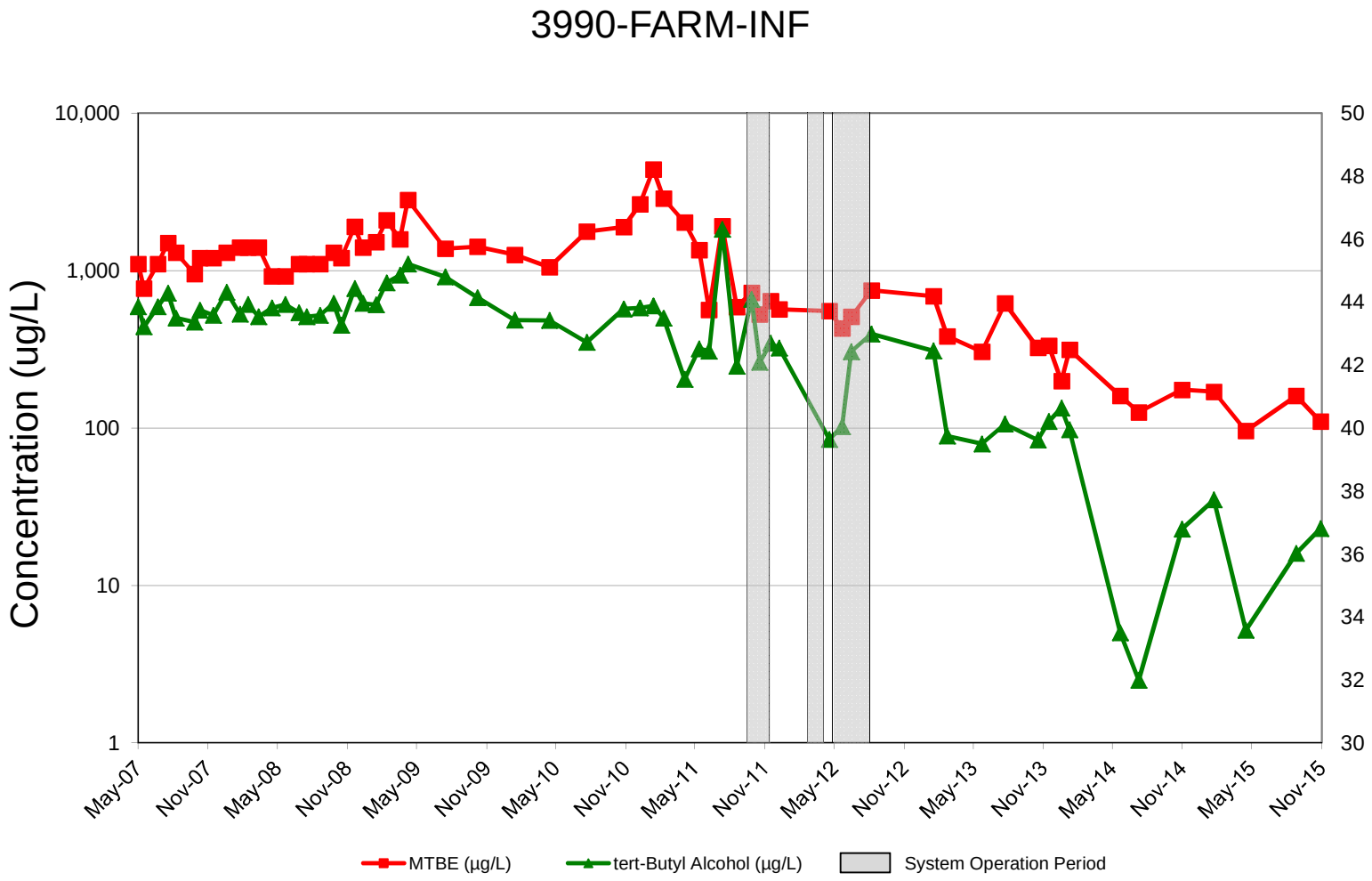
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



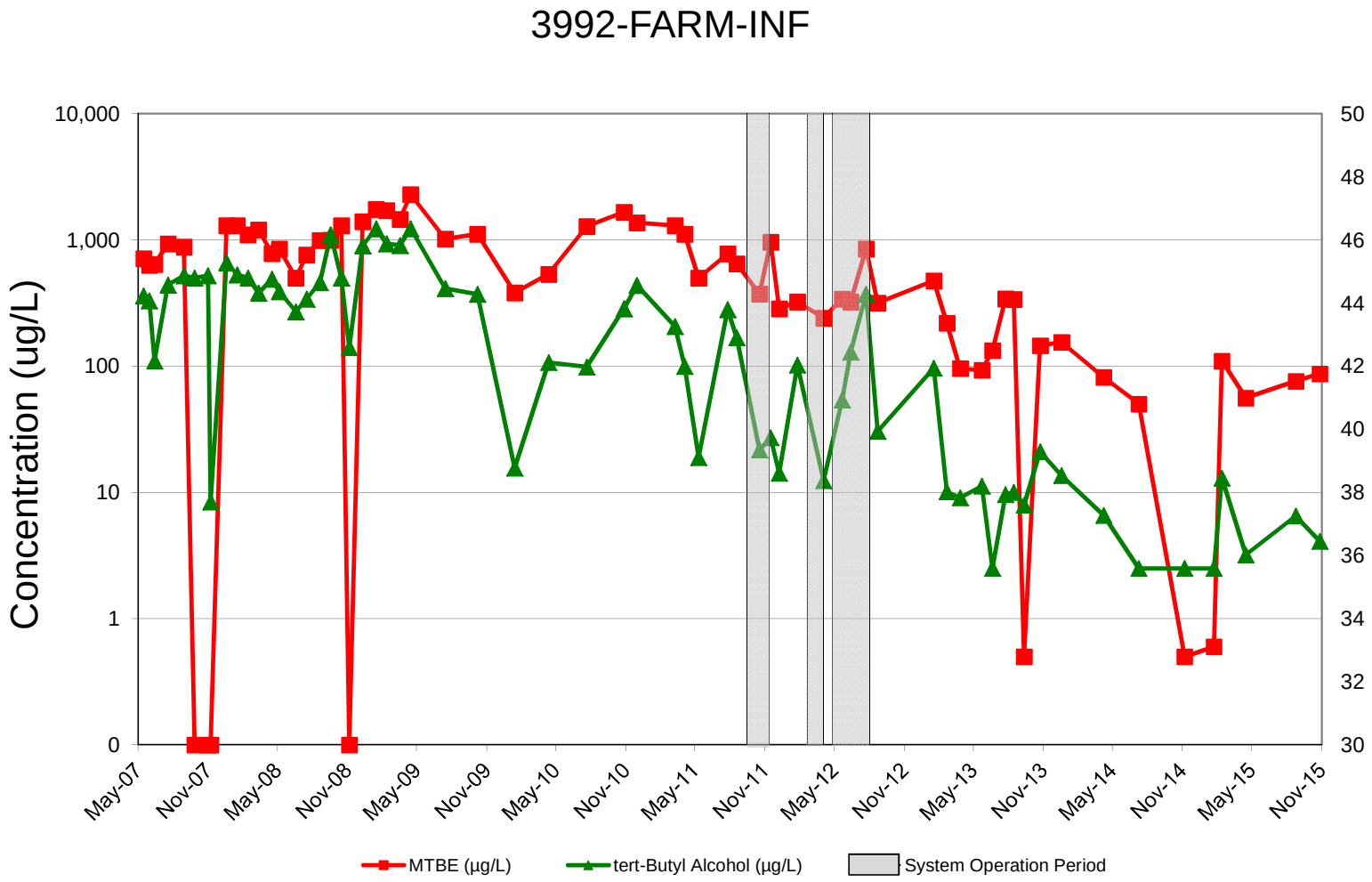
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



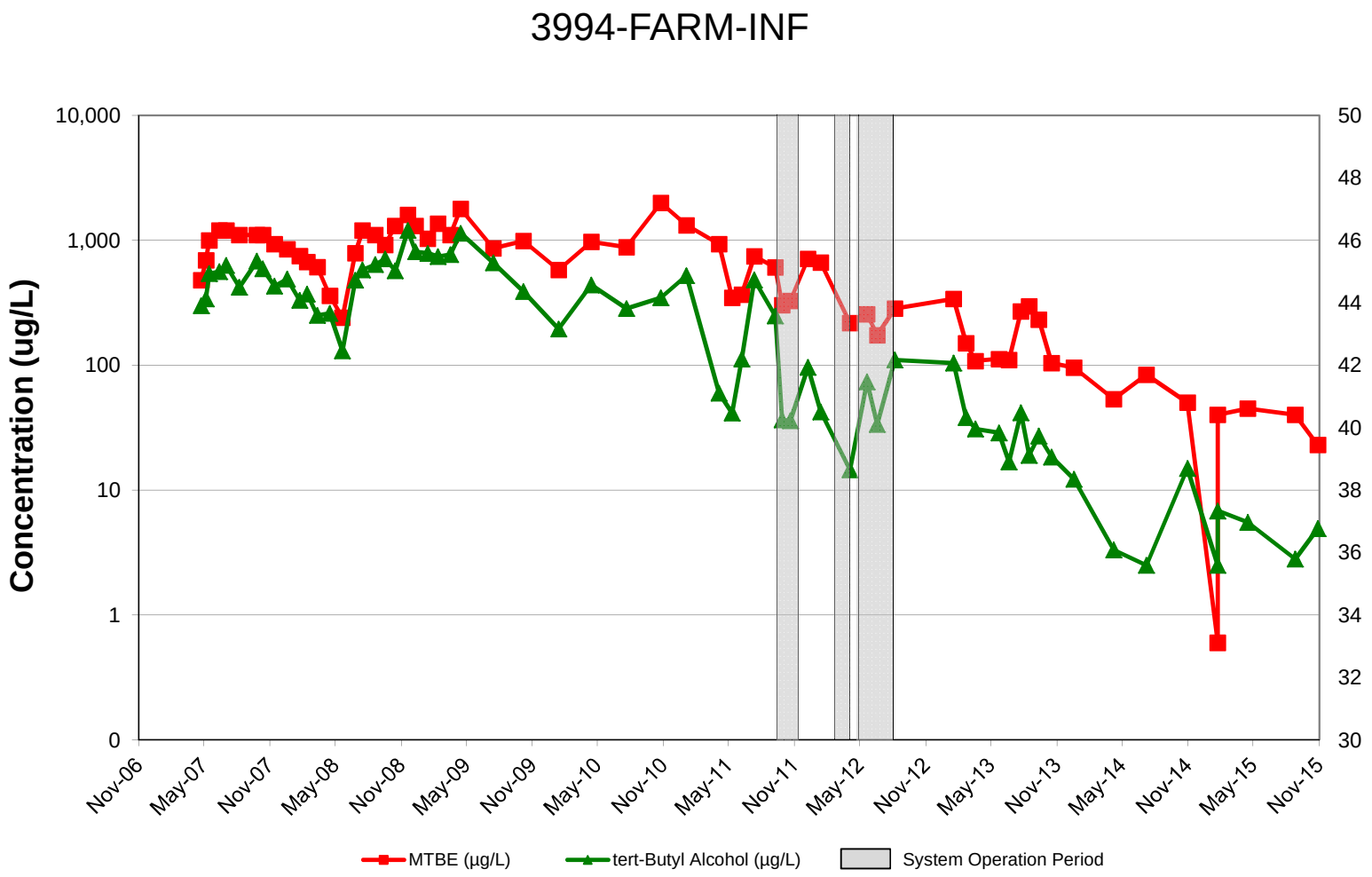
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



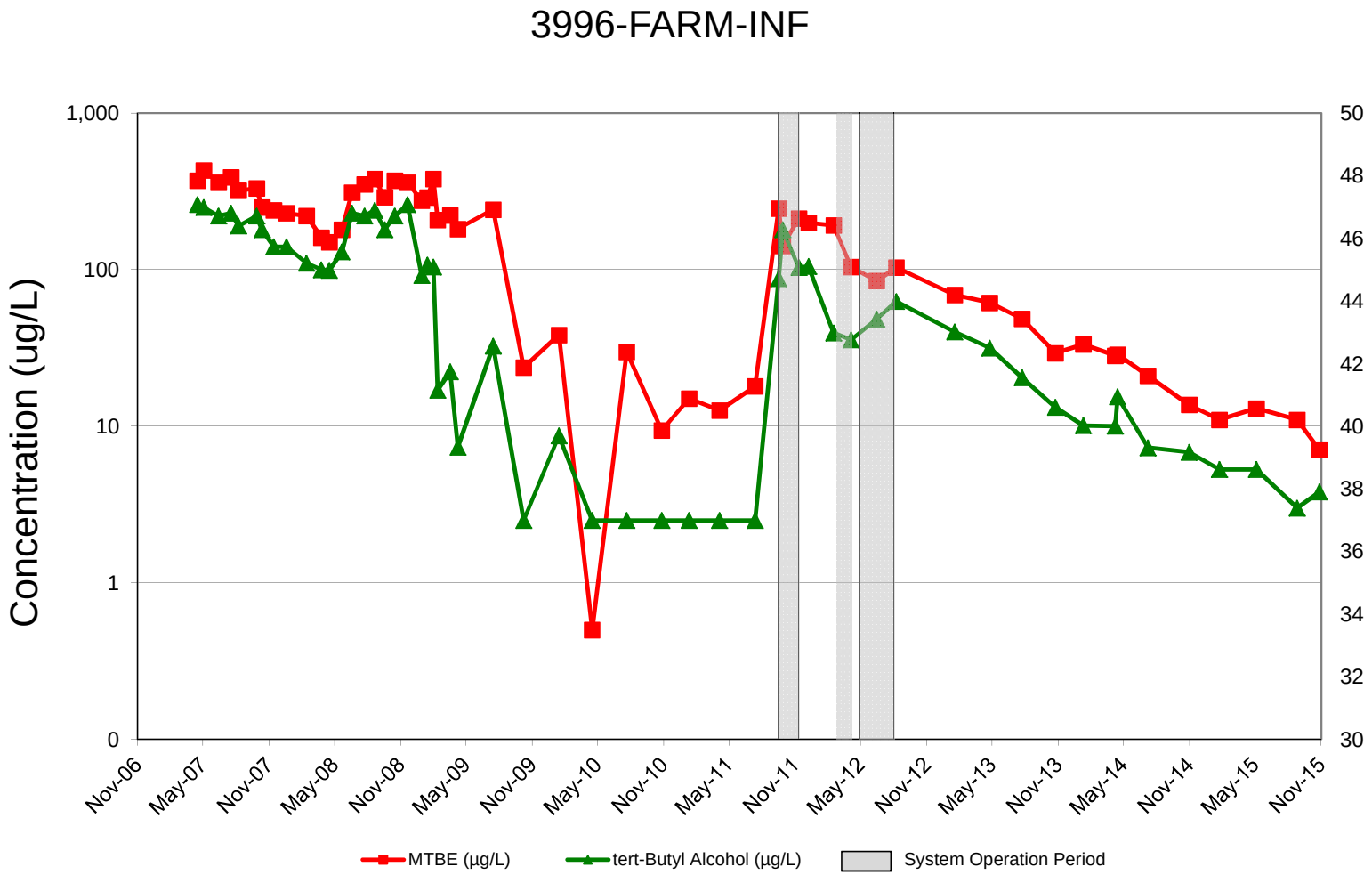
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



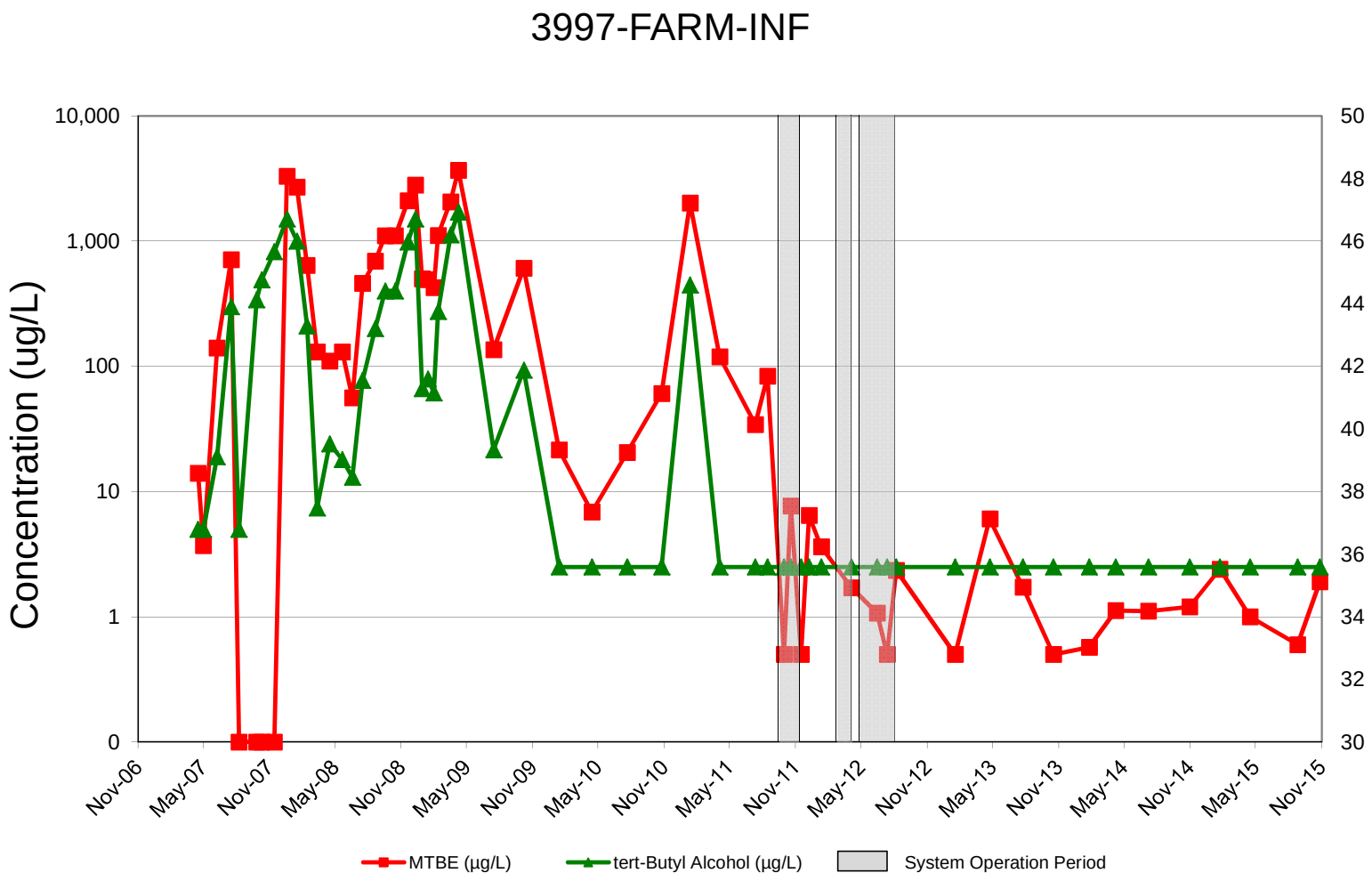
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



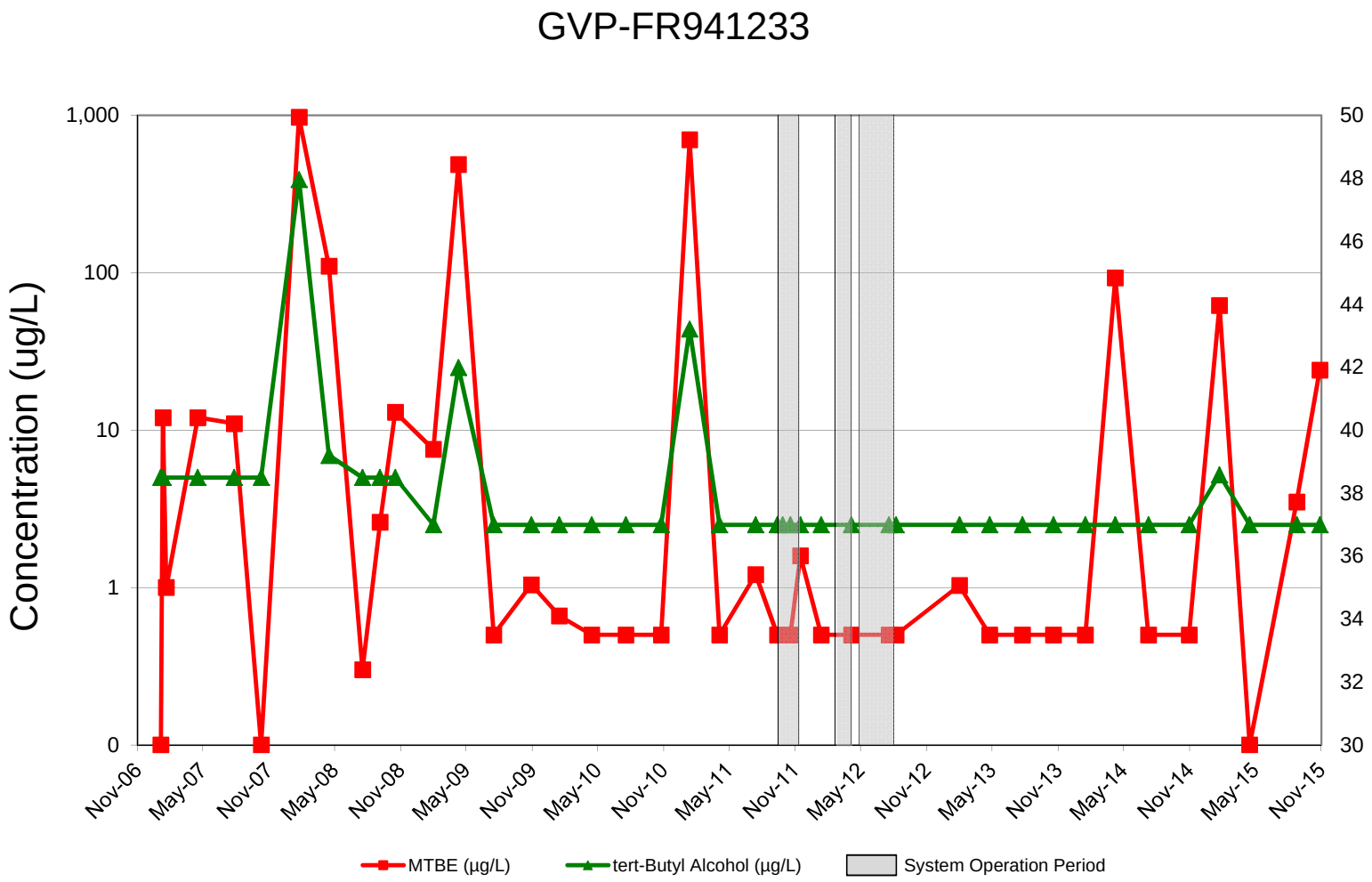
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



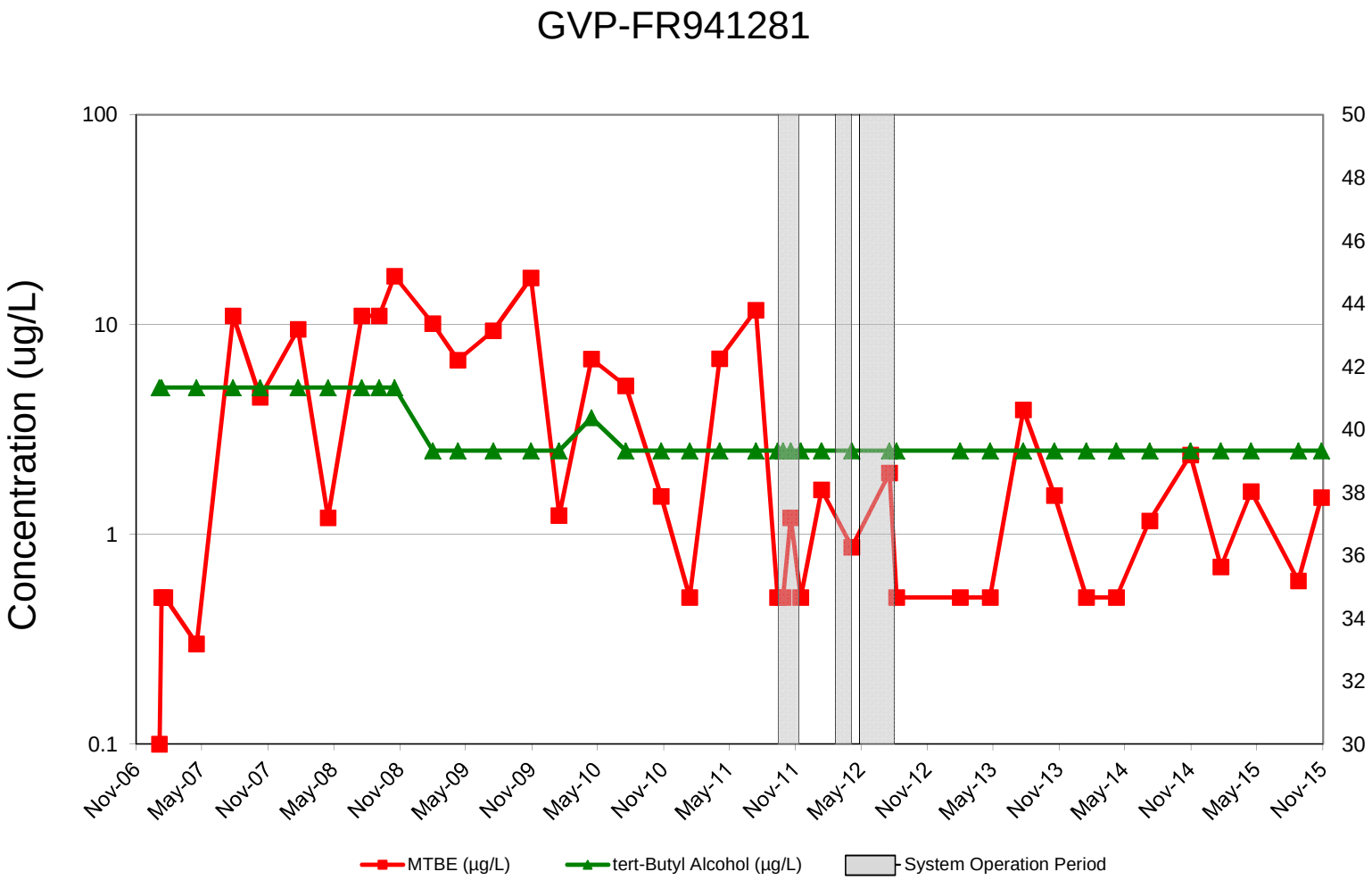
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



APPENDIX F

Waste Manifest

Designated Facility: Reco Biotechnology
710 Hospital Street
Richmond, VA 23219
(804) 644-2800

MANIFEST NO. 2

RECO JOB NO. 33421

Generator: Carroll Independent Fuels Co.
Site Address: 11791 Fingerboard Rd
Monrovia MD (retail station)
~~Mapactrohed~~

Contact: Lindsay Keeney
Emergency Phone: 800-220-3606
ext: 3705

I declare that the material released to Reco Biotechnology is fully and accurately described and classified, is not a hazardous waste and in all respects in proper condition for transport by highway in accordance with all applicable federal, state and local regulations.

No. of Packages - Type	HM	Description of articles, special marks and exceptions	Hazard Class	I.D. Number	Packaging Group	Labels Required	Gallons Subject to Correction
2 DM		Non-regulated Material (purge water)	NA	NA	NA	NA	

*DM=Drum; TT=Tank Trucks; RC=Rail Car

Generator / Agent Authorized Signature: Gene Gienkwalt on behalf of CARROLL INDEPENDENT FUEL, INC. Date: ~~11-12-15~~ 11/9/15

Transporter

Company: First Call Env
Address: Ashland, VA

Truck#
Phone:

Driver (Printed Name): Keith McPherson Signature: Keith McPherson
Discrepancies: Date:

Received by: Reco Biotechnology
Printed Name: D Hunt Signature: D Hunt
Date: 11-12-15

APPENDIX G

Annual Remedial Evaluation - 2015

ANNUAL REMEDIAL EVALUATION

An annual evaluation of groundwater trends, monitored natural attenuation (MNA) as the selected remedy, the current monitoring parameters, and the current monitoring frequency is included based on the *Revised Corrective Action Plan* submitted to the Maryland Department of the Environment (MDE) on January 31, 2014 and approved on October 3, 2014. The purpose of the annual evaluation is as follows:

- To report on the constituent trends of individual wells and determine if the groundwater plume relate to these identified constituents, particularly methyl tert-butyl ether (MTBE) is stable and/or shrinking
- To evaluate the need for additional remedial measures;
- To evaluate the need to add or remove potable and/or monitoring wells from the routine monitoring program;
- To evaluate the need to add or remove MNA parameters from the monitoring program; and
- To provide an avenue to reduce the monitoring requirements as the MTBE plume continues to stabilize and/or shrink until case closure is obtained.

Constituent Trends

An in-situ chemical oxidation (ISCO) system capable of injection up to 5 pounds per day of ozone with ambient air and up to 14 gallons of hydrogen peroxide per day was utilized at the site non-continuously from September 14, 2011 through April 1, 2012. Periods of operation are shown in **Appendix D**. The remedial goal for the targeted in-situ chemical oxidation (ISCO) remediation was to achieve a 90% or greater reduction in MTBE concentrations in monitoring wells MW-15D, MW-18S, and MW-18D and to provide increased downgradient dissolved oxygen (DO) concentrations in groundwater. In addition to the ISCO system, a soil vapor extraction (SVE) system was used to mitigate fugitive emissions that could occur as a result of the air injection and advanced oxidation process.

During ISCO system operation, significant reduction in constituent concentrations and changes in groundwater quality parameters and headspace readings were observed. While direct oxidation was likely the dominant factor in the constituent reductions observed in monitoring wells closer to the injection wells, the constituent reductions occurring farther from the ISCO system injection wells were likely attributed to the combination of stimulation of microorganisms by the ISCO system and ongoing natural attenuation processes.

To date, petroleum constituent concentrations have continued to reduce since the ISCO system was shut down, and groundwater conditions at the site have continued to demonstrate an environment suitable for aerobic degradation. DO levels, while expectedly not as elevated as those measured during the ISCO system operation, have remained at levels sufficient for aerobic biodegradation. Petroleum constituent and groundwater quality trends are further described in the sections below.

MTBE concentration trends for the eight (8) monitoring wells that exhibited MTBE concentrations above the 20 µg/L MDE Action Level prior to the operation of the ISCO system are discussed below. (Note that well MW-18S was excluded from this list because this well was replaced with new wellMW-18S-R in January 2015. In addition, graphs that depict individual monitoring well changes over time for MTBE, total petroleum hydrocarbons – gasoline range organics (TPH-GRO), and tert-butyl alcohol (TBA) are also included in **Appendix D**.

MTBE

The table below presents a comparison of MTBE concentrations prior to the operation of the ISCO system, at the completion of ISCO system operation, at the fourth quarter of 2013 (sampling data associated with the Revised Corrective Action Plan [CAP]), and at present. The table also presents the reduction in concentrations as a percentage that occurred during ISCO system operation, since ISCO system operation ceased, since the Revised CAP was submitted, and overall since the start of the operation of the ISCO system.

Location	MTBE							
	Concentration (µg/L)				Reduction (%)			
	Baseline Sampling (July 2011)	Post ISCO Operation (Aug 2012)	4th Quarter 2013 Concentration (Oct 2013)	Current Concentration (Oct 2015)	During ISCO Operation (July 2011 - Aug 2012)	Post ISCO Operation (Aug 2012 - Oct 2015)	Reduction Since Revised CAP (Oct 2013 - Oct 2015)	Overall Reduction (July 2011 - Oct 2015)
MW-17	7,750	3,380	117	2.5	56.4%	99.9%	97.9%	99.97%
MW-18S-R	-	-	-	530	-	-	-	-
MW-7	2,530	17.6	6.88	1	99.3%	94.3%	85.5%	99.96%
MW-14D	2,060	2,360	360	57	-14.6%	97.6%	84.2%	97.2%
MW-13	1,680	52	21.3	0.7	96.9%	98.7%	96.7%	99.96%
MW-10	1,540	6.64	5.45	1.8	99.6%	72.9%	67.0%	99.9%
MW-14S	703	21.9	7.03	1.2	96.9%	94.5%	82.9%	99.8%
MW-15D	450	< 2	27	0.1	99.6%	0.0%	99.6%	99.98%
MW-18D	49.2	525	169	0.1	-967%	99.98%	99.94%	99.8%

Notes:
For non-detect values, the reporting limit was used for the reduction percentage calculation, so the minimum reduction is shown.
Data qualifiers have been omitted from this table.

The table demonstrates that MTBE concentrations were significantly reduced during the operational period of the ISCO system and, to date, have continued to decline since the system was shut down. All eight monitoring wells, excluding MW-18S-R, show 97% or greater overall reduction in MTBE concentrations from baseline sampling prior to remediation to the fourth quarter 2015 sampling event, and MTBE concentrations in seven out of the nine monitoring wells were below the MDE Action Level of 20 µg/L. The remedial goal for the ISCO remediation of a 90% or greater reduction in MTBE concentrations in monitoring wells MW-15D and MW-18D has been achieved.

TPH-GRO

The table found on the next page presents a comparison of TPH-GRO concentrations prior to the operation of the ISCO system, at the completion of ISCO system operation, at the fourth quarter of 2013 (sampling data associated with the Revised CAP), and at present. The table also presents the reduction in concentrations as a percentage that occurred during ISCO system operation, since ISCO system operation ceased, since the Revised CAP was submitted and overall, since the start of the operation of the ISCO system.

Location	TPH-GRO							
	Concentration (µg/L)				Reduction (%)			
	Baseline Sampling (July 2011)	Post ISCO Operation (Aug 2012)	4th Quarter 2013 Concentration (Oct 2013)	Current Concentration (Oct 2015)	During ISCO Operation (July 2011 - Aug 2012)	Post ISCO Operation (Aug 2012 - Oct 2015)	Reduction Since Revised CAP (Oct 2013 - Oct 2015)	Overall Reduction (July 2011 - Oct 2015)
MW-17	1,530	< 100	184	< 20	93.5%	-	>89.1%	>98.7%
MW-18S-R	-	-	-	520	-	-	-	-
MW-7	951	< 100	< 100	< 20	89.5%	-	-	>97.9%
MW-14D	844	< 100	511	70	88.2%	-	86.3%	91.7%
MW-13	731	< 100	< 100	< 20	86.3%	-	-	>97.3%
MW-10	644	< 100	< 100	< 20	84.5%	-	-	>96.9%
MW-14S	432	< 100	< 100	< 20	76.9%	-	-	>95.4%
MW-15D	374	< 100	< 100	< 20	73.3%	-	-	>94.7%
MW-18D	< 100	< 100	170	< 20	-	-	>88.2%	-

Notes:
For non-detect values, the reporting limit was used for the reduction percentage calculation, so the minimum reduction is shown.
Data qualifiers have been omitted from this table.

The table demonstrates that TPH-GRO concentrations were significantly reduced during the operation of the ISCO system and have continued to decline since the system was shut down. TPH-GRO was not detected in seven of the nine monitoring wells and was below the MDE action level of 47 µg/L in seven of the nine monitoring wells. All seven monitoring wells, excluding MW-18S-R and MW-18D, show 91% or greater overall reduction in TPH-GRO concentrations from baseline sampling prior to remediation to the fourth quarter 2015 sampling event.

TBA

The table below (and next page) presents a comparison of TBA concentration prior to the operation of the ISCO system, at the completion of ISCO system operation, at the fourth quarter of 2013 (sampling data associated with the Revised CAP), and at present. The table also presents the reduction in concentrations as a percentage that occurred during ISCO system operation, since ISCO system operation ceased, since the Revised CAP was submitted, and overall since the start of the operation of the ISCO system.

Location	TBA							
	Concentration (µg/L)				Reduction (%)			
	Baseline Sampling (July 2011)	Post ISCO Operation (Aug 2012)	4th Quarter 2013 Concentration (Oct 2013)	Current Concentration (Oct 2015)	During ISCO Operation (July 2011 - Aug 2012)	Post ISCO Operation (Aug 2012 - Oct 2015)	Reduction Since Revised CAP (Oct 2013 - Oct 2015)	Overall Reduction (July 2011 - Oct 2015)
MW-17	8,500	196	28.4	8.8	97.69%	95.5%	69.0%	99.9%
MW-18S-R	-	-	-	180	-	-	-	-
MW-7	1,280	< 10	< 5	< 4	99.22%	-	-	>99.7%
MW-14D	2,910	480	6.94	< 4	83.51%	>99.2%	>42.4%	>99.9%
MW-13	79.3	< 10	< 5	< 4	87.39%	-	-	>95.0%
MW-10	467	< 5	< 5	< 4	98.93%	-	-	>99.1%

Location	TBA							
	Concentration (µg/L)				Reduction (%)			
	Baseline Sampling (July 2011)	Post ISCO Operation (Aug 2012)	4th Quarter 2013 Concentration (Oct 2013)	Current Concentration (Oct 2015)	During ISCO Operation (July 2011 - Aug 2012)	Post ISCO Operation (Aug 2012 - Oct 2015)	Reduction Since Revised CAP (Oct 2013 - Oct 2015)	Overall Reduction (July 2011 - Oct 2015)
MW-14S	280	< 10	< 5	< 4	96.43%	-	-	>98.6%
MW-15D	44.8	< 10	< 10	< 4	77.68%	-	-	>91.1%
MW-18D	34.7	136	58.7	< 4	-291.93%	>97.1%	>93.2%	>88.5%

Notes:
For non-detect values, the reporting limit was used for the reduction percentage calculation, so the minimum reduction is shown.
Data qualifiers have been omitted from this table.

The table demonstrates that TBA concentrations were significantly reduced during the operation of the ISCO system and have continued to decline since the system was shut down. TBA was not detected in seven of the nine monitoring wells. All eight monitoring wells, excluding MW-18S-R, show 88% or greater overall reduction in TBA concentrations from baseline sampling prior to remediation to the fourth quarter 2015 sampling event. TBA does not have an assigned cleanup limit with the MDE or with the United States Environmental Protection Agency (USEPA).

Potable Well Constituent Concentration Trends

The constituent concentration trends for the six potable wells with granular activated carbon (GAC) Point-of-Entry-Treatment (POET) systems are discussed below. Graphs that depict the changes over time at these wells for MTBE and TBA are shown in **Appendix E**. In addition, a table below presents a comparison of MTBE concentration prior to the operation of the ISCO system, at the completion of ISCO system operation, at the fourth quarter of 2013 (sampling data associated with the Revised CAP), and at present (Oct. 2015). The table also presents the reduction in concentrations as a percentage that occurred during ISCO system operation, since ISCO system operation ceased, since the Revised CAP was submitted, and overall since the start of the operation of the ISCO system.

Location	MTBE							
	Concentration (µg/L)				Reduction (%)			
	Baseline Sampling (July 2011)	Post ISCO Operation (Aug 2012)	4th Quarter 2013 Concentration (Oct 2013)	Current Concentration (Oct 2015)	During ISCO Operation (July 2011 - Aug 2012)	Post ISCO Operation (Aug 2012 - Oct 2015)	Reduction Since Revised CAP (Oct 2013 - Oct 2015)	Overall Reduction (July 2011 - Oct 2015)
3990 Farm	1,920	749	324	110	61.0%	85.3%	66.1%	94.3%
3992 Farm	778	316	145	87	59.4%	72.5%	40.0%	88.8%
3994 Farm	745	284	104.00	23	61.9%	91.9%	77.9%	96.9%
3996 Farm	18	103	29.3	7.1	-472.2%	93.1%	75.8%	60.6%
3997 Farm	34.3	2	< 0.5	1.9	93.2%	5.0%	-	94.5%
3923 Rose	11.3	0.95	0.51	0.8	91.6%	15.8%	-56.9%	92.9%

Notes:
For non-detect values, the reporting limit was used for the reduction percentage calculation, so the minimum reduction is shown.
Data qualifiers have been omitted from this table.

The table demonstrates that MTBE concentrations have significantly decreased during the operation of the ISCO system and have continued to decline since the system was shut down. Currently, there are three potable wells with MTBE concentrations that exceed that MDE Action Level of 20 µg/L. Of these three wells, all exhibit greater than 88% or greater overall reduction in MTBE concentrations from baseline sampling prior to remediation to the fourth quarter 2015 sampling event. This demonstrates that constituent concentrations in downgradient potable wells continue to reduce, likely through biodegradation and other natural attenuation processes.

Monitored Natural Attenuation Data Analysis

Natural attenuation relies upon natural subsurface processes to reduce constituent concentrations to acceptable levels. Monitored natural attenuation (MNA) is currently the remedial approach for this site, as the remaining constituent mass is likely to be effectively addressed by natural attenuation processes. A historical summary of downhole field parameter measurements is presented as **Table 4**.

The following parameters are monitored during routine monitoring well sampling events:

- DO
- Oxidation Reduction Potential (ORP)
- pH
- Temperature
- Conductivity
- Headspace Volatile Organic Compound (VOC) Concentration
- Nitrate (NO_3^{-1})
- Ferrous Iron (Fe^{2+}) (Only in wells with DO concentrations less than 1.00 mg/L)
- Sulfate (SO_4^{2-}) (Only in wells with DO concentrations less than 1.00 mg/L)

Dissolved Oxygen Trends

During biodegradation, microbial populations in an aquifer can utilize petroleum hydrocarbons as an energy source through oxidative reductive reactions. These reactions often provide complete degradation of hydrocarbons to carbon dioxide and water, but require a terminal electron acceptor. Oxygen is the most thermodynamically favored electron acceptor for these reactions, and trends in DO concentrations can indicate if biodegradation is occurring.

Of the historically impacted monitoring wells (including MW-7, MW-8, MW-10, MW-13, MW-14S, MW-14D, MW-15D, MW-16, MW-17, MW-18S, and MW-18D), all except for MW-17 reached DO concentrations above saturation during ISCO system operation. Increased DO concentrations were a secondary influence of the ISCO system, and declines in DO concentrations from historical highs during ISCO operation to current levels have occurred as MTBE concentrations have declined, which can likely be attributed to biodegradation. Individual monitoring well changes in DO concentrations over time are depicted in **Appendix D**.

During the fourth quarter 2015 groundwater sampling event, DO concentrations were measured at sixteen monitoring wells and ranged from 0.43 to 7.49 milligrams per liter (mg/L). DO concentrations in all wells, except for MW-14D and MW-18D, indicated an aerobic environment within the plume. Lower oxygen levels in the deeper wells, MW-14D and MW-18D, are expected where infiltration is limited and indirect and little groundwater flux is thought to occur in these locations.

Two wells, MW-14D and MW-18S-R, currently have MTBE concentrations exceeding the MDE Action Level (for potable wells) of 20 µg/L. The DO concentration at MW-14D reached a maximum of 15.19 mg/L during ISCO system operation, and was measured as 0.43 mg/L during the fourth quarter 2015 groundwater sampling event. A decrease in DO concentrations from highly aerobic to anaerobic indicates that biodegradation is occurring at this well, and this is demonstrated in the 97% reduction in MTBE concentrations that has been observed between baseline measurements taken in July 2011 to measurements taken in fourth quarter 2015. MW-18S-R was installed in January 2015, and currently has the highest concentration of MTBE than any other site monitoring well. DO measurements have been taken four times since the installation of the well and range from 1.15 to 5.11 mg/L, which indicates an aerobic environment within this well. Long term trends in DO concentrations at this location are unknown due to the recent installation of MW-18S-R, but reduced DO concentrations observed in 2015 indicate that biodegradation is occurring in this well.

A DO contour map comparing baseline DO readings to the maximum DO reading observed at each well during ISCO system operation is shown as **Figure 5**, a DO contour map of DO readings from October 2013 is shown as **Figure 6**, and a DO contour map of DO readings from fourth quarter 2015 is shown as **Figure 7**.

Oxidation Reduction Potential Trends

ORP measures electron activity and can be an indicator of the relative tendency of groundwater to accept or transfer electrons. ORP is an indicator parameter of biodegradation and can define regions of a plume that are under oxidizing (aerobic) and reducing (anaerobic) conditions. The more negative the ORP values, the greater the reducing condition of the aquifer.

Prior to, during, and after ISCO system operation, ORP values were primarily positive in the monitoring wells. During the first, second, and third quarter 2015 sampling events, ORP measurements were positive in all wells, except for MW-18S, which is consistent with historical trends. During the fourth quarter 2015 sampling event, ORP values were negative in all wells except for one, which is a distinct difference from historical trends. It is suspected that ORP probe malfunction occurred during the fourth quarter 2015 sampling event, therefore that data is not included in the trend analysis. Individual monitoring well changes in ORP values over time are depicted in **Appendix D**.

The presence of positive ORP values in all wells, except for former well MW-18S, during the first, second, and third quarter 2015 sampling events shows that the plume is under oxidizing conditions, and the potential for aerobic hydrocarbon degradation is present. It is noted that former well MW-18S has historically varied between low level positive and low level negative ORP values, which are consistent with the values, observed during the first, second, and third quarter 2015 sampling events. Correspondingly, this former well appears to have existed between oxidizing and reducing conditions prior to its abandonment.

pH, Temperature, Conductivity and Headspace VOC Trends

During the fourth quarter 2015 sampling event, pH values were measured in 16 monitoring wells and ranged from 4.88 to 12.50. The pH value in background well MW-2 was measured to be 5.66, which is similar in value to the majority of the measured pH values. pH values in MW-14D (8.21), MW-18S (12.50), and MW-18D (7.43) were elevated above background levels, which is consistent with historical trends for these wells.

During the fourth quarter 2015 sampling event, temperature values were measured in 16 monitoring wells and ranged from 14.42 to 16.97 °C. The well temperature in background well MW-2 was measured to be 16.10 °C, which is similar to the temperature values measured in the other wells.

During the fourth quarter 2015 sampling event, conductivity was measured at 15 monitoring wells and ranged from 288 to 7,358 microSiemens per centimeter (µS/cm). Conductivity values in MW-18S (7,358 µS/cm) and MW-18D (3,644 µS/cm) were elevated above values measured in the other wells. The conductivity measurement observed in MW-18S was consistent with historical trends. The conductivity measurement observed in MW-18D is consistent with recent trends but not with historical trends. Conductivity values in this well increased from 618 during the fourth quarter 2014 event to 5,292 during the first quarter 2015 event, and conductivity values have remained elevated in this well.

Headspace VOC measurements were taken utilizing a photoionization detector (PID). Headspace VOC measurements were not taken during the fourth quarter 2015 groundwater sampling event but were taken during the first, second, and third quarter 2015 sampling events. Headspace VOC measurements during these events ranged from 0.0 to 29.5 parts per million (ppm). The maximum headspace VOC measurement of 29.5 ppm was observed in MW-18S-R during the third quarter 2015 sampling event. These headspace VOC measurements are consistent with historical trends.

Nitrate, Ferrous Iron, and Sulfate Trends

Biodegradation can cause changes in groundwater chemistry, which can be used to determine the dominant terminal electron accepting process in a plume. The following chart details the anticipated changes in groundwater chemistry during various stages of biodegradation from aerobic to highly anaerobic conditions.

Time →

← Distance from Source

	Aerobic Respiration	Nitrate Reduction	Manganese Reduction	Ferric Iron Reduction	Sulfate Reduction	Methan-ogenesis
	Aerobic	Anaerobic				
Electron Acceptor	O_2	NO_3^-	Mn^{4+}	Fe^{3+} (solid)	SO_4^{2-}	CO_2
Metabolic By-Product	CO_2	N_2, CO_2	Mn^{2+}	Fe^{2+} (dissolved)	H_2S	CH_4 (methane)
Expected Relationship with High BTEX	$O_2 \downarrow$	$NO_3^- \downarrow$	$Mn^{2+} \uparrow$	$Fe^{2+} \uparrow$	$SO_4^{2-} \downarrow$	$CH_4 \uparrow$

Nitrate concentrations in groundwater samples were measured to determine if a decrease from background concentrations was present, which would indicate that oxygen was depleted as the dominant terminal electron acceptor. The average nitrate concentrations in background well MW-2 was 3.0 mg/L. Decreased nitrate concentrations from background levels were observed in MW-14D and MW-18D, and DO concentrations indicating anaerobic conditions were also observed in both of these wells.

Ferrous iron (+2) concentrations in groundwater were measured if anaerobic conditions were observed in a well. An increase in ferrous iron concentrations would be seen if ferric (+3) iron was the dominant terminal electron acceptor, indicating that oxygen, nitrate, and dissolved manganese were depleted. Ferrous iron concentrations have been measured in MW-14D, MW-14S, and MW-18D. Ferrous iron concentrations were non-detect in all samples from MW-14S and MW-18D. Ferrous iron concentrations have been measured to be 0.032 J, 0.1, and 0.033 J mg/L in samples collected from MW-14D during the first, second, and fourth quarters of 2015, respectively. This could indicate that ferrous iron was at some point a terminal electron acceptor within MW-14D, but significant ferric iron reduction is not occurring at the site.

Baseline sulfate concentrations in groundwater were measured in twenty three wells during the first quarter 2015 sampling event, and additional sulfate concentrations were measured if anaerobic conditions were observed in a well. A decrease in sulfate concentrations from baseline conditions would be seen if sulfate was the dominant terminal electron acceptor, indicating that oxygen, nitrate, dissolved manganese, and ferric iron were depleted. Sulfate concentrations were observed to be stable in MW-18D (13.9 and 14 mg/L), but a decreasing trend has been observed in MW-14D (43.9, 41.1, and 36.5 mg/L). This indicates that sulfate likely is currently being utilized as an electron acceptor within MW-14D.

Overall, the MNA data and field parameters indicate that an active microbial population is present in the groundwater at the site and that dissolved-phase hydrocarbons are attenuating via biodegradation and other natural attenuation processes. Aerobic biodegradation appears to currently be the predominant form of biodegradation occurring at the site, with some anaerobic activity occurring in deeper groundwater when oxygen is limited. A summary of MNA parameter data is provided in **Table 3** and **Table 4**.

Conclusion

Based on GES's *Annual Remedial Evaluation* for 2015, it is the position of GES that no further remedial measures other than the continuation of groundwater gauging, sampling and collection of MNA parameters are warranted for the site at this time. In addition, GES recommends the elimination of nine (9) active monitoring wells including MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14S, MW-15D and MW-16 based on low-level and continued, decreasing MTBE trends. GES feels that the wells comprising a revised monitoring well network, including MW-1, MW-2, MW-7, MW-14D, MW-17, MW-18S-R and MW-18D, would continue to provide representative water quality data in those areas of proposed well reduction and correspondingly, provide sufficient MNA and sentinel well monitoring functions at this late-stage of corrective action at the site.

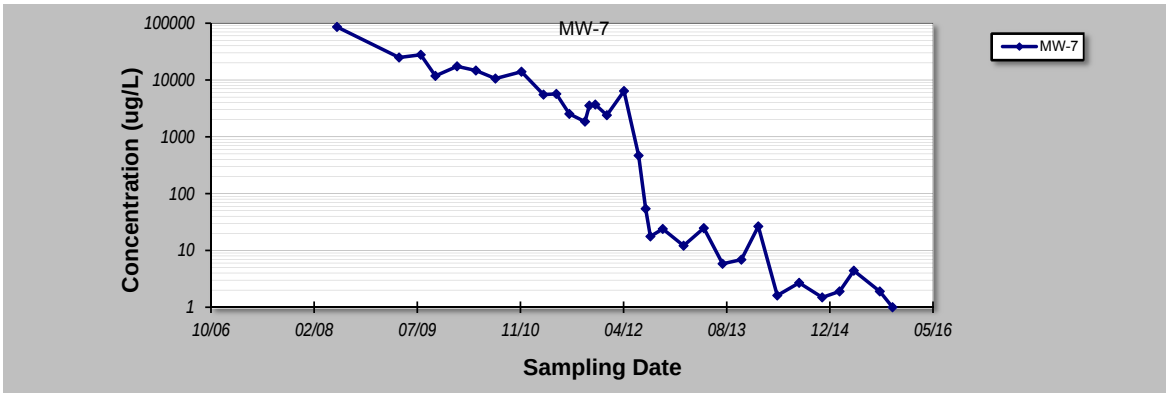
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **11-Feb-16**
Facility Name: **Monrovia BP / Former Green Valley Citgo**
Conducted By: **Meredith Tidmore**

Job ID: **0402888**
Constituent: **Methyl tert-Butyl Ether**
Concentration Units: **ug/L**

Sampling Point ID: **MW-7**

Sampling Event	Sampling Date	METHYL TERT-BUTYL ETHER CONCENTRATION (ug/L)						
1	06/12/2008	86,000						
2	04/09/2009	24,900						
3	07/23/2009	27,800						
4	10/02/2009	11,800						
5	01/15/2010	17,400						
6	04/16/2010	14,700						
7	07/20/2010	10,600						
8	11/23/2010	14,000						
9	03/10/2011	5,530						
10	05/11/2011	5,690						
11	07/13/2011	2,530						
12	09/27/2011	1,850						
13	10/18/2011	3,540						
14	11/16/2011	3,700						
15	01/11/2012	2,400						
16	04/03/2012	6,400						
17	06/13/2012	467						
18	07/17/2012	54.1						
19	08/09/2012	17.6						
20	10/08/2012	23.9						
21	01/17/2013	12.1						
22	04/25/2013	24.7						
23	07/25/2013	5.82						
24	10/24/2013	6.88						
25	01/14/2014	26.5						
26	04/16/2014	1.61						
27	07/31/2014	2.69						
28	11/20/2014	1.49						
29	02/12/2015	1.9						
30	04/22/2015	4.4						
31	08/26/2015	1.9						
32	10/26/2015	1						
33								
34								
35								
Coefficient of Variation:		2.16						
Mann-Kendall Statistic (S):		-417						
Confidence Factor:		>99.9%						
Concentration Trend:		Decreasing						



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

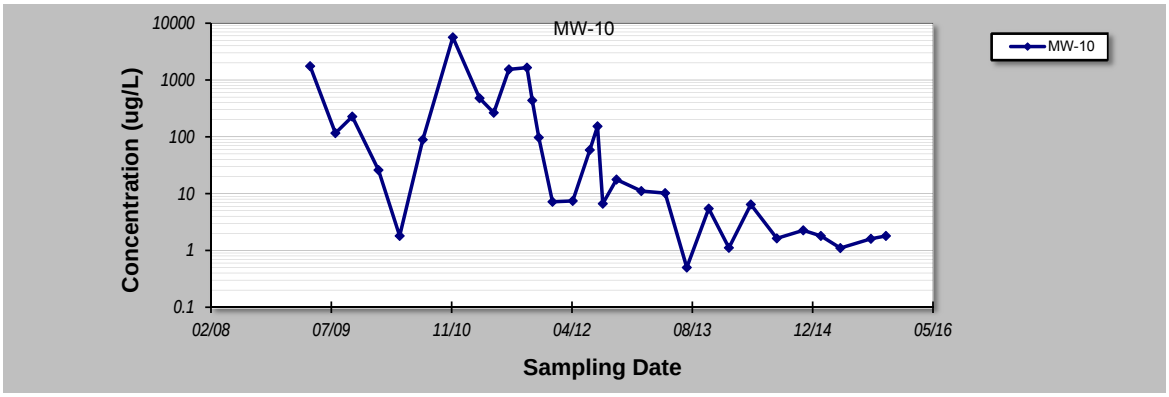
GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	11-Feb-16	Job ID:	0402888
Facility Name:	Monrovia BP / Former Green Valley Citgo	Constituent:	Methyl tert-Butyl Ether
Conducted By:	Meredith Tidmore	Concentration Units:	ug/L

Sampling Point ID: MW-10

Sampling Event	Sampling Date	METHYL TERT-BUTYL ETHER CONCENTRATION (ug/L)						
1	04/09/2009	1,750						
2	07/23/2009	116						
3	10/01/2009	227						
4	01/18/2010	26						
5	04/16/2010	1.8						
6	07/21/2010	88.9						
7	11/23/2010	5,640						
8	03/14/2011	478						
9	05/12/2011	265						
10	07/14/2011	1,540						
11	09/27/2011	1,650						
12	10/19/2011	437						
13	11/15/2011	97						
14	01/11/2012	7.18						
15	04/04/2012	7.44						
16	06/14/2012	58.6						
17	07/16/2012	153						
18	08/07/2012	6.64						
19	10/03/2012	17.7						
20	01/14/2013	11.1						
21	04/23/2013	10.2						
22	07/22/2013	0.5						
23	10/21/2013	5.45						
24	01/13/2014	1.11						
25	04/14/2014	6.44						
26	07/31/2014	1.63						
27	11/18/2014	2.26						
28	01/30/2015	1.8						
29	04/21/2015	1.1						
30	08/26/2015	1.6						
31	10/27/2015	1.8						
32								
33								
34								
35								
Coefficient of Variation:		2.67						
Mann-Kendall Statistic (S):		-270						
Confidence Factor:		>99.9%						
Concentration Trend:		Decreasing						



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

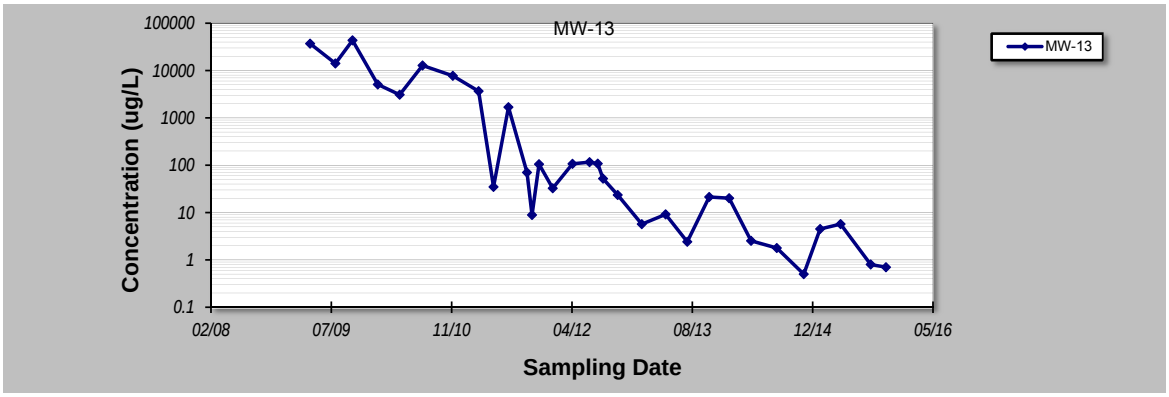
GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	11-Feb-16	Job ID:	0402888
Facility Name:	Monrovia BP / Former Green Valley Citgo	Constituent:	Methyl tert-Butyl Ether
Conducted By:	Meredith Tidmore	Concentration Units:	ug/L

Sampling Point ID: MW-13

Sampling Event	Sampling Date	METHYL TERT-BUTYL ETHER CONCENTRATION (ug/L)						
1	04/09/2009	37,000						
2	07/23/2009	14,100						
3	10/02/2009	43,400						
4	01/15/2010	5,080						
5	04/16/2010	3,080						
6	07/20/2010	12,800						
7	11/23/2010	7,730						
8	03/10/2011	3,660						
9	05/11/2011	34.8						
10	07/12/2011	1,680						
11	09/27/2011	70.2						
12	10/18/2011	8.89						
13	11/16/2011	105						
14	01/12/2012	32.6						
15	04/03/2012	107						
16	06/13/2012	116						
17	07/17/2012	108						
18	08/08/2012	52						
19	10/08/2012	23.5						
20	01/16/2013	5.69						
21	04/25/2013	9.15						
22	07/24/2013	2.41						
23	10/23/2013	21.3						
24	01/14/2014	20.1						
25	04/15/2014	2.53						
26	07/31/2014	1.78						
27	11/20/2014	0.5						
28	01/27/2015	4.5						
29	04/22/2015	5.7						
30	08/25/2015	0.8						
31	10/27/2015	0.7						
32								
33								
34								
35								
Coefficient of Variation:		2.47						
Mann-Kendall Statistic (S):		-351						
Confidence Factor:		>99.9%						
Concentration Trend:		Decreasing						



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

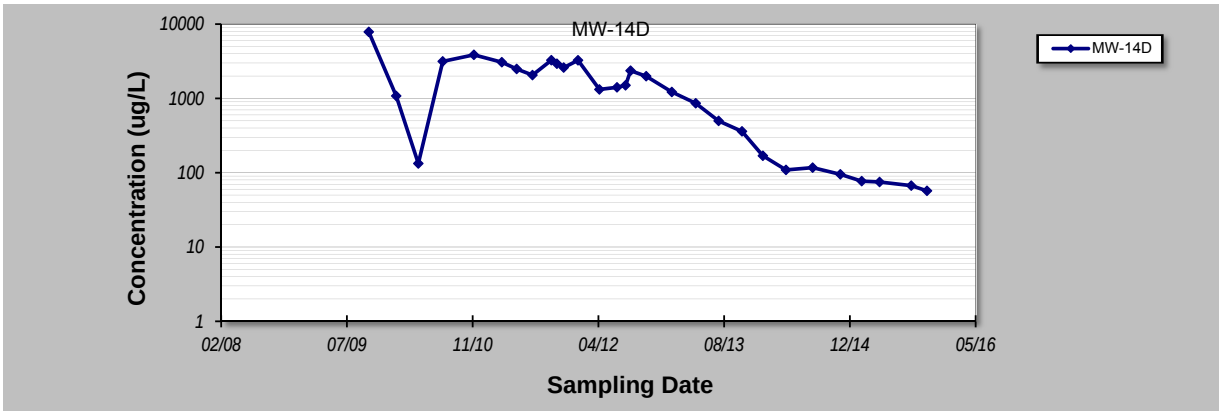
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	11-Feb-16	Job ID:	0402888
Facility Name:	Monrovia BP / Former Green Valley Citgo	Constituent:	Methyl tert-Butyl Ether
Conducted By:	Meredith Tidmore	Concentration Units:	ug/L

Sampling Point ID:	MW-14D						
Sampling Event	**Sampling Date**	**METHYL TERT-BUTYL ETHER CONCENTRATION (ug/L)**					
1	10/01/2009	7,860					
2	01/18/2010	1,080					
3	04/16/2010	133					
4	07/22/2010	3,150					
5	11/23/2010	3,860					
6	03/14/2011	3,070					
7	05/12/2011	2,490					
8	07/14/2011	2,060					
9	09/27/2011	3,270					
10	10/19/2011	2,930					
11	11/15/2011	2,600					
12	01/11/2012	3,260					
13	04/05/2012	1,320					
14	06/14/2012	1,410					
15	07/18/2012	1,500					
16	08/07/2012	2,360					
17	10/08/2012	1,990					
18	01/18/2013	1,220					
19	04/23/2013	861					
20	07/23/2013	498					
21	10/24/2013	360					
22	01/15/2014	169					
23	04/17/2014	109					
24	08/01/2014	117					
25	11/19/2014	95.1					
26	02/12/2015	77					
27	04/24/2015	75					
28	08/28/2015	67					
29	10/29/2015	57					
30							
Coefficient of Variation:		1.04					
Mann-Kendall Statistic (S):		-286					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

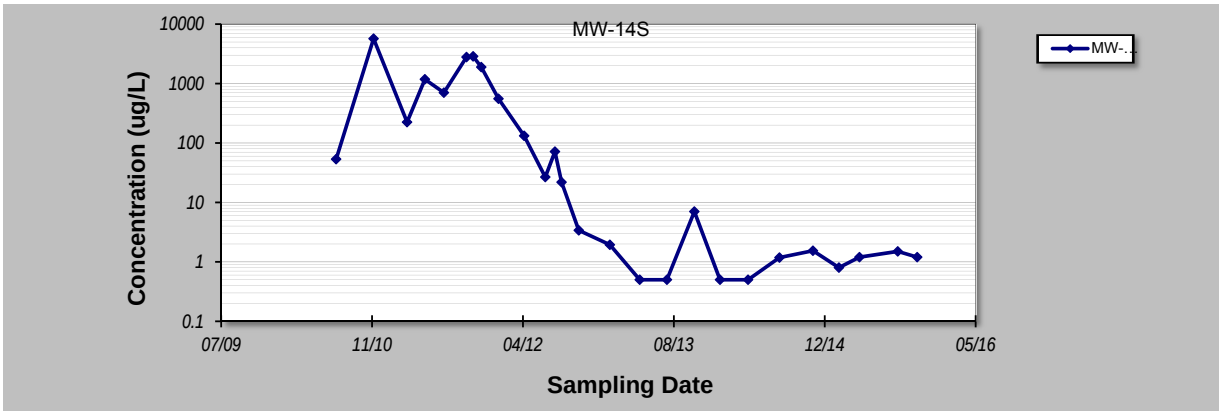
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	11-Feb-16	Job ID:	0402888
Facility Name:	Monrovia BP / Former Green Valley Citgo	Constituent:	Methyl tert-Butyl Ether
Conducted By:	Meredith Tidmore	Concentration Units:	ug/L

Sampling Point ID:	MW-14S						
Sampling Event	**Sampling Date**	**METHYL TERT-BUTYL ETHER CONCENTRATION (ug/L)**					
1	07/22/2010	53.4					
2	11/23/2010	5,690					
3	03/14/2011	224					
4	05/12/2011	1,180					
5	07/14/2011	703					
6	09/27/2011	2,790					
7	10/19/2011	2,870					
8	11/15/2011	1,890					
9	01/11/2012	555					
10	04/05/2012	132					
11	06/14/2012	26.7					
12	07/16/2012	71.7					
13	08/07/2012	21.9					
14	10/03/2012	3.39					
15	01/14/2013	1.94					
16	04/23/2013	0.5					
17	07/22/2013	0.5					
18	10/21/2013	7.03					
19	01/14/2014	0.5					
20	04/17/2014	0.5					
21	07/30/2014	1.18					
22	11/18/2014	1.54					
23	02/12/2015	0.8					
24	04/21/2015	1.2					
25	08/26/2015	1.5					
26	10/29/2015	1.2					
27							
28							
29							
30							
Coefficient of Variation:		2.13					
Mann-Kendall Statistic (S):		-198					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

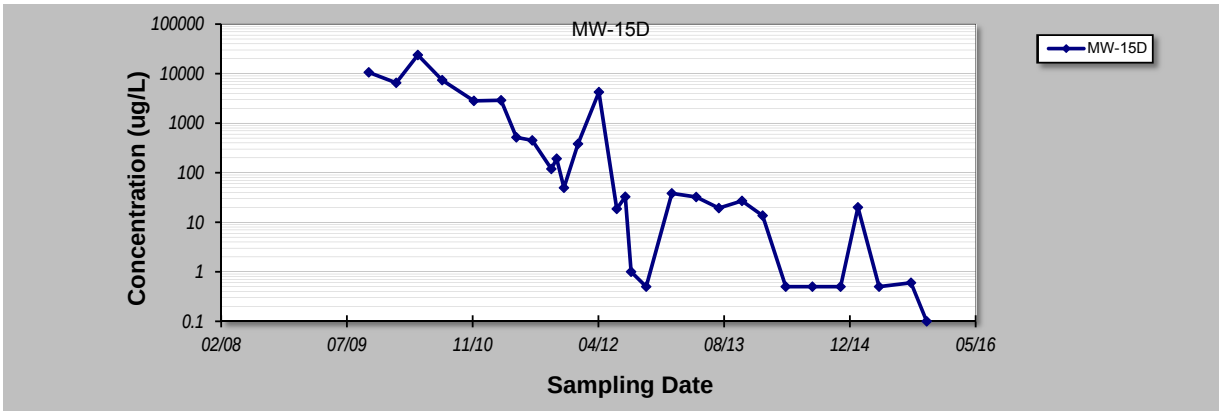
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	11-Feb-16	Job ID:	0402888
Facility Name:	Monrovia BP / Former Green Valley Citgo	Constituent:	Methyl tert-Butyl Ether
Conducted By:	Meredith Tidmore	Concentration Units:	ug/L

Sampling Point ID:	MW-15D						
Sampling Event	Sampling Date	METHYL TERT-BUTYL ETHER CONCENTRATION (ug/L)						
1	10/01/2009	10,600						
2	01/18/2010	6,520						
3	04/14/2010	23,800						
4	07/20/2010	7,390						
5	11/23/2010	2,820						
6	03/11/2011	2,900						
7	05/11/2011	517						
8	07/13/2011	450						
9	09/27/2011	119						
10	10/18/2011	192						
11	11/16/2011	49.6						
12	01/11/2012	382						
13	04/03/2012	4,240						
14	06/13/2012	18.6						
15	07/17/2012	32.7						
16	08/09/2012	1						
17	10/08/2012	0.5						
18	01/18/2013	38.3						
19	04/25/2013	32.3						
20	07/24/2013	19.3						
21	10/24/2013	27						
22	01/14/2014	13.6						
23	04/16/2014	0.5						
24	07/31/2014	0.5						
25	11/20/2014	0.5						
26	01/28/2015	20						
27	04/22/2015	0.5						
28	08/27/2015	0.6						
29	10/28/2015	0.1						
30								
Coefficient of Variation:		2.39						
Mann-Kendall Statistic (S):		-304						
Confidence Factor:		>99.9%						
Concentration Trend:		Decreasing						



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

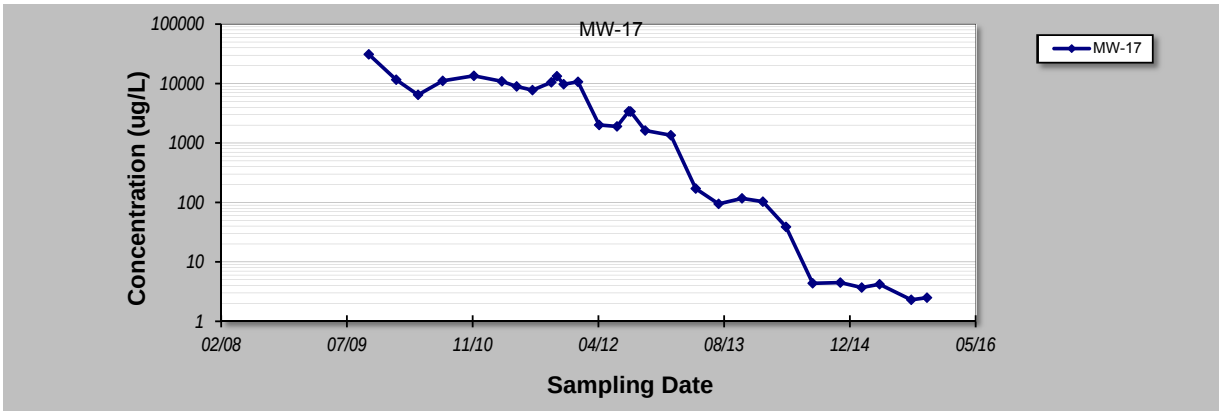
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	11-Feb-16	Job ID:	0402888
Facility Name:	Monrovia BP / Former Green Valley Citgo	Constituent:	Methyl tert-Butyl Ether
Conducted By:	Meredith Tidmore	Concentration Units:	ug/L

Sampling Point ID:	MW-17						
Sampling Event	Sampling Date	METHYL TERT-BUTYL ETHER CONCENTRATION (ug/L)						
1	10/01/2009	31,000						
2	01/18/2010	11,600						
3	04/15/2010	6,460						
4	07/22/2010	11,100						
5	11/23/2010	13,500						
6	03/14/2011	10,900						
7	05/12/2011	8,940						
8	07/14/2011	7,750						
9	09/27/2011	10,500						
10	10/19/2011	13,300						
11	11/15/2011	9,740						
12	01/11/2012	10,700						
13	04/04/2012	2,010						
14	06/14/2012	1,900						
15	07/31/2012	3,410						
16	08/07/2012	3,380						
17	10/04/2012	1,620						
18	01/14/2013	1,350						
19	04/23/2013	171						
20	07/23/2013	94.5						
21	10/24/2013	117						
22	01/15/2014	103						
23	04/17/2014	38.8						
24	08/01/2014	4.36						
25	11/19/2014	4.48						
26	02/12/2015	3.7						
27	04/24/2015	4.2						
28	08/28/2015	2.3						
29	10/29/2015	2.5						
30								
Coefficient of Variation:		1.26						
Mann-Kendall Statistic (S):		-338						
Confidence Factor:		>99.9%						
Concentration Trend:		Decreasing						



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

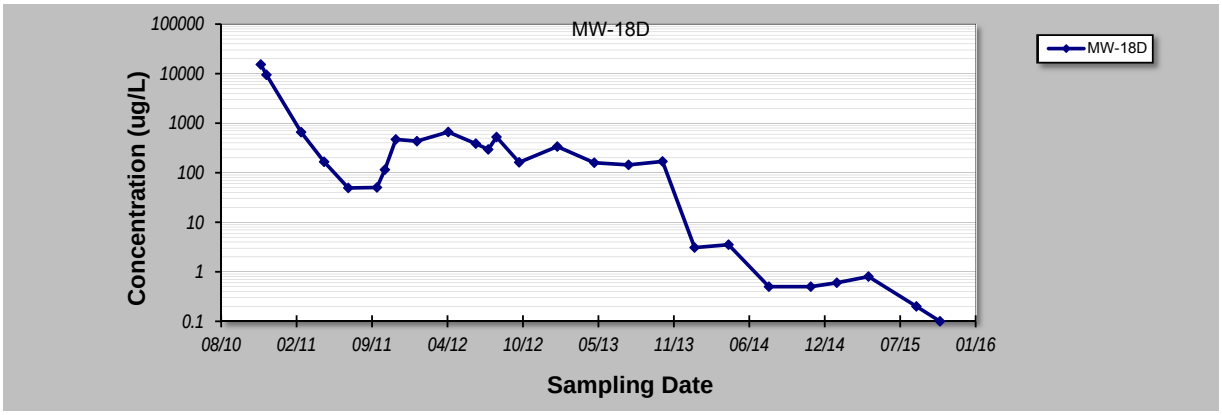
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	11-Feb-16	Job ID:	0402888
Facility Name:	Monrovia BP / Former Green Valley Citgo	Constituent:	Methyl tert-Butyl Ether
Conducted By:	Meredith Tidmore	Concentration Units:	ug/L

Sampling Point ID:	MW-18D						
Sampling Event	**Sampling Date**	**METHYL TERT-BUTYL ETHER CONCENTRATION (ug/L)**						
1	11/23/2010	15,300						
2	12/08/2010	9,480						
3	03/10/2011	659						
4	05/10/2011	166						
5	07/13/2011	49.2						
6	09/27/2011	50.3						
7	10/18/2011	115						
8	11/16/2011	470						
9	01/11/2012	433						
10	04/03/2012	664						
11	06/15/2012	386						
12	07/18/2012	295						
13	08/09/2012	525						
14	10/08/2012	162						
15	01/17/2013	337						
16	04/25/2013	159						
17	07/25/2013	144						
18	10/23/2013	169						
19	01/16/2014	3.08						
20	04/16/2014	3.52						
21	08/01/2014	0.5						
22	11/20/2014	0.5						
23	01/28/2015	0.6						
24	04/22/2015	0.8						
25	08/27/2015	0.2						
26	10/28/2015	0.1						
27								
28								
29								
30								
Coefficient of Variation:		3.01						
Mann-Kendall Statistic (S):		-200						
Confidence Factor:		>99.9%						
Concentration Trend:		Decreasing						



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com