May 15, 2015

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

RE: **FIRST 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 First Quarter 2015 Monitoring Report. The following activities were conducted during this monitoring period to date:

- Quarterly monitoring and sampling of monitoring wells and tank field wells;
- Sampling of the supply wells at residences and the Green Valley Plaza (GVP) wells;
- Sampling and maintenance of the point-of-entry treatment (POET) systems at the GVP and six residences;
- Carbon change outs for the POET systems at 3923 Rosewood Road on February 12, 2015, 3992 Farm Lane on March 27, 2015, 3994 Farm Lane on February 13, 2015, 3997 Farm Lane on February 20, 2015, and the GVP on March 12, 2015;
- Multiple attempts were made to sample the supply wells 3833 Greenridge Drive and 3981 Farm Lane, but these attempts were unsuccessful;
- The submittal of the annual *Data Trends Analysis & Revised Monitoring Plan* with the *Fourth Quarter 2014 Monitoring Report* on February 13, 2015; and
- The installation of the monitoring well MW-18S replacement well and the submittal of the *MW-18S Replacement Well Installation Report* on March 17, 2015.

Based on historical concentrations of the GVP supply wells, GES requests MDE approval to remove carbon treatment on the combined flow from the GVP supply wells. GVP supply well FR-94-1233 is the only GVP supply well that exhibits MTBE concentrations above the MDE action level. It is proposed that carbon treatment of the influent water only be required for FR-94-1233 and not all five GVP supply wells.

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

Sincerely,

Danielle Rice
Danielle Rice
Associate Environmental Scientist

Gregory Reichart
Gregory Reichart
Senior Project Manager

Enclosure

c: Jim Richmond – MDE (2 additional copies & CD)
Herb Meade – CIFC (electronic copy)
Barry Glotfelty – Frederick County Health Department
Samir Andrawos – Timbercrest Limited Partnership
Jennifer Andrawos – Timbercrest Limited Partnership
File – GES, MD (PSID# 518750)

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

SITE DESCRIPTION

Site Use:	BP-Branded Retail Service Station attached to Green Valley Plaza (shopping center)
Surrounding Area:	Commercial shopping centers and residential properties
Sensitive Receptors:	Potable Wells – The Site is served by five onsite supply wells Surrounding commercial and residential properties are all served by potable wells Basements/Underground Receptors – None onsite Surface Water/Wetlands – Fahrney Branch is located approximately 2,400 feet to the south Hospitals/Childcare/Schools – Guardian Angel Child Care is located in the Green Valley Plaza
Date of Most Recent Regulatory Correspondence:	March 17, 2015 – *MW-18S Replacement Well Installation Report* to the MDE

SCHEDULE OF ROUTINE ACTIVITIES

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

Non-Transient, Non-Community Supply Well Sampling

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

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

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

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

Location	Well Number(s)	Sampling Frequency:
Green Valley Plaza:	Combined Flow – FR-94-1233, FR-94-1281, FR-81-5955, FR-88-1394, FR-88-1366	Quarterly
Laboratory Analyses:	Full-suite VOCs, including oxygenates, via EPA Method 524.2	

Residential Potable Well POET System Sampling

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, via EPA Method 524.2	

Residential Potable Well Sampling

Location	Sampling Frequency:
3740 Blueberry Court	Quarterly
3995 and 3998 Farm Lane:	Quarterly
3985, 3987, 3989, 3991, and 3993 Farm Lane:	Semi-Annually
3833, 3835, and 3837 Greenridge Road:	Semi-Annually
3737 and 3739 Blueberry Court:	Semi-Annually
3992, 3994, 3996 and 3998 Rye Lane:	Semi-Annually
3979, 3981, 3983, 3984A and 3984 Farm Lane:	Semi-Annually
Laboratory Analyses:	Full-suite VOCs, including oxygenates, via EPA Method 524.2

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

FIELD ACTIVITIES

Quarterly Groundwater Sampling Data Summary

Quarterly Groundwater Sampling Dates:	January 27, 2015 – January 30, 2015, and February 12, 2015
# of Monitoring Wells in study area/# Sampled:	29/20

Groundwater Sampling Notes:	Soil vapor points SV-1, SV-2, and MW-6 contained insufficient water to sample. All TF wells and VE-1 were either dry or contained insufficient water to sample. Injection wells are not sampled. Monitoring wells MW-2, MW-4, and MW-6 had insufficient water for the collection of field parameters. The revised routine sampling program outlined in the October 3, 2014 Revised Corrective Action Plan Approval was implemented during the 4th quarter of 2014.
Apparent Groundwater Flow Direction:	East and South based on groundwater elevations observed in monitoring wells; actual transport flows in bedrock in preferential pathways predominantly along bedrock strike to the SW.

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

Maximum Concentration:

Benzene:	Non-detect
MTBE:	470 µg/L (MW-18S-R) on February 12, 2015
TPH-GRO:	400 µg/L (MW-18S-R) on February 12, 2015

Carbon Change Summary

Carbon changes were conducted this quarter at:

- 3923 Rosewood Lane on February 12, 2015
- 3992 Farm Lane on March 27, 2015
- 3994 Farm Lane on February 13, 2015
- 3997 Farm Lane on February 20, 2015
- GVP on March 12, 2015

REMEDIAL SYSTEM DATA

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

PERMITS

Air Quality General Permit to Construct for Soil Vapor Extraction Equipment

Identification Number:	021-0562-9-0315
COMAR 26.11.06.06 VOC emission limit:	20 pounds per day, unless reduced by 85 percent or more overall
1st quarter maximum discharge rate:	No air discharge

ATTACHMENTS

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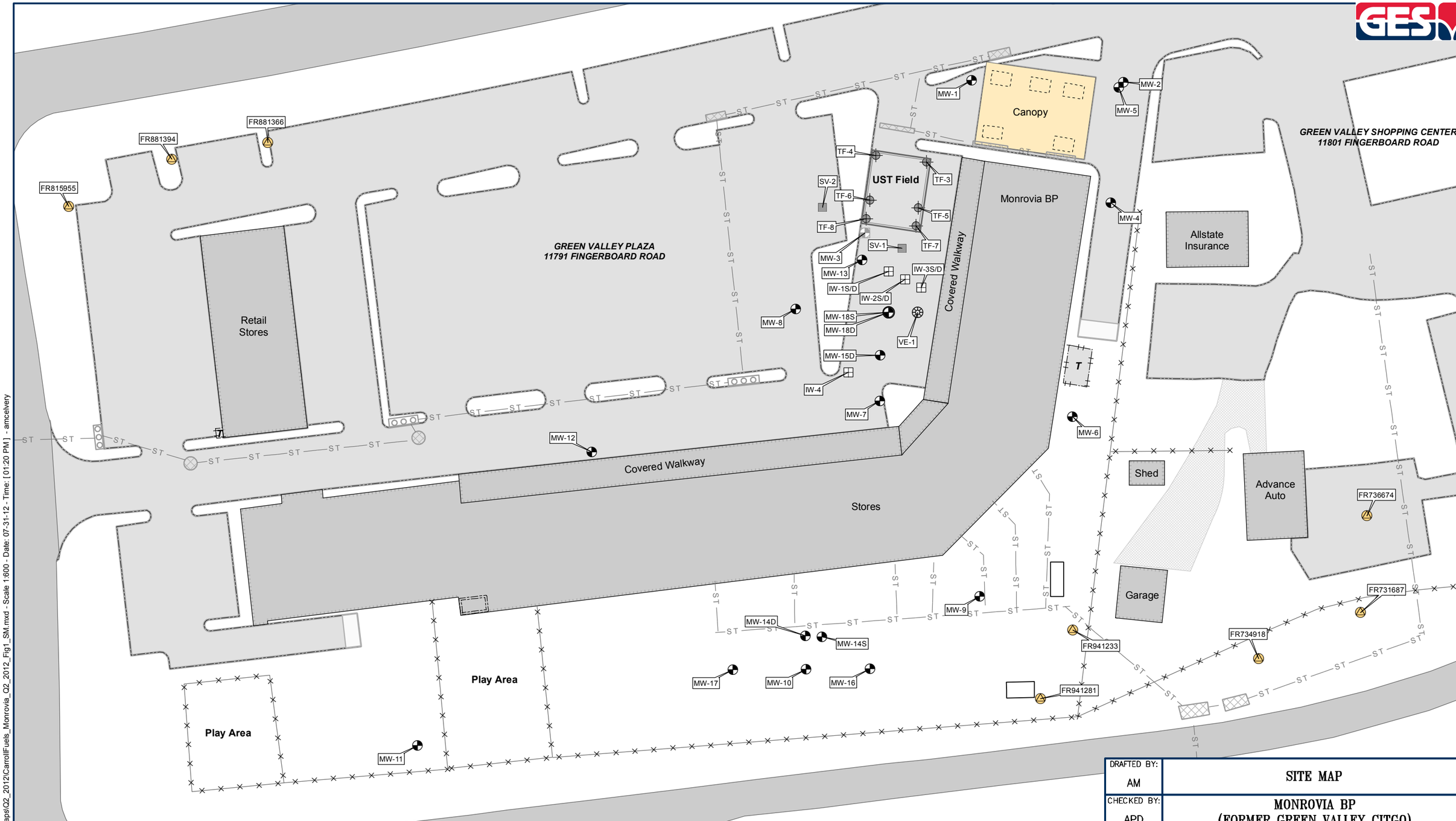
FIGURES



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. 1350 Blair Drive. Suite A. Odenton. Marvland 21113
NORTH	SCALE IN FEET 0 50 / DATE 7-31-12 / FIGURE 1

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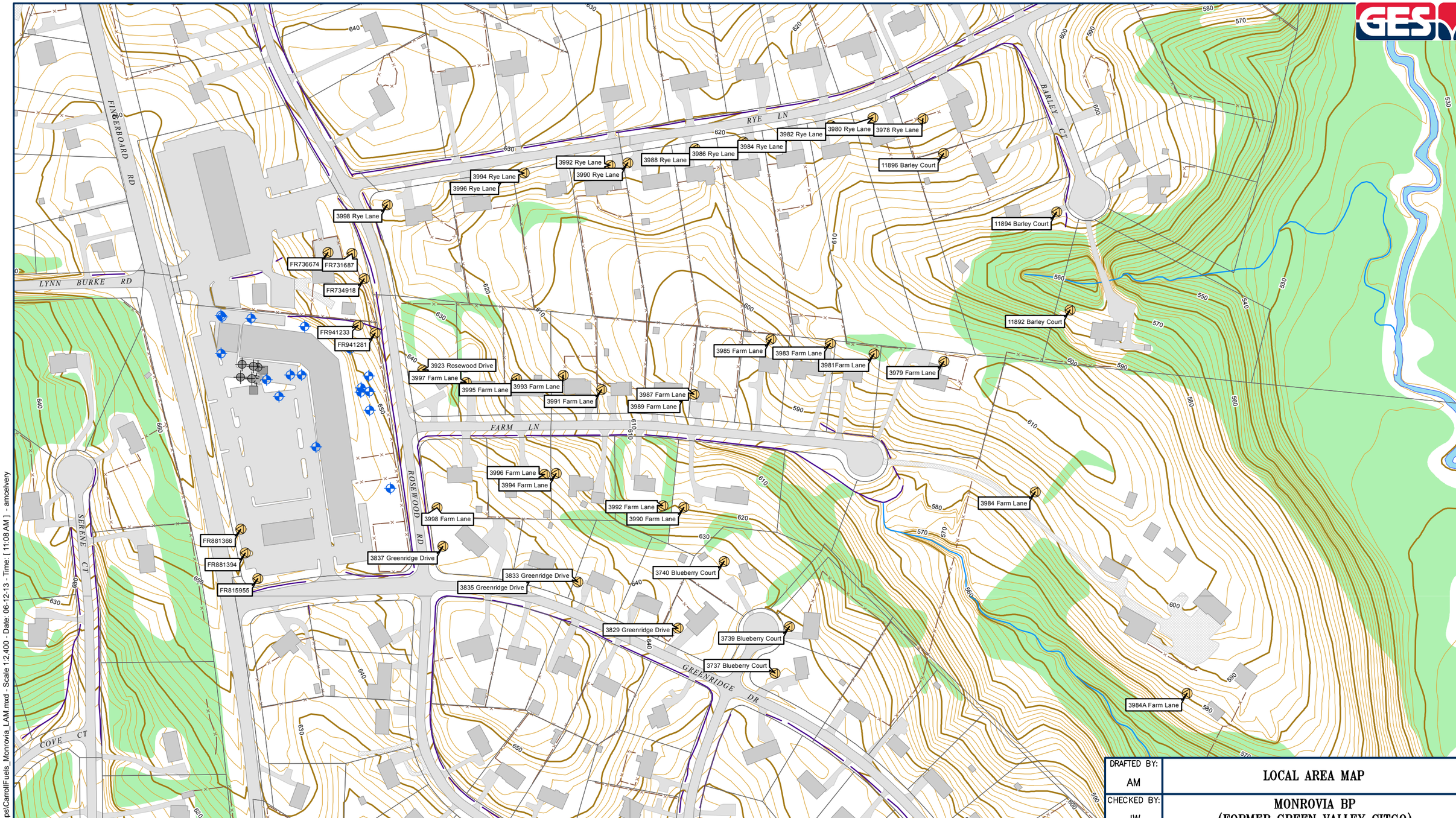

Legend

- 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

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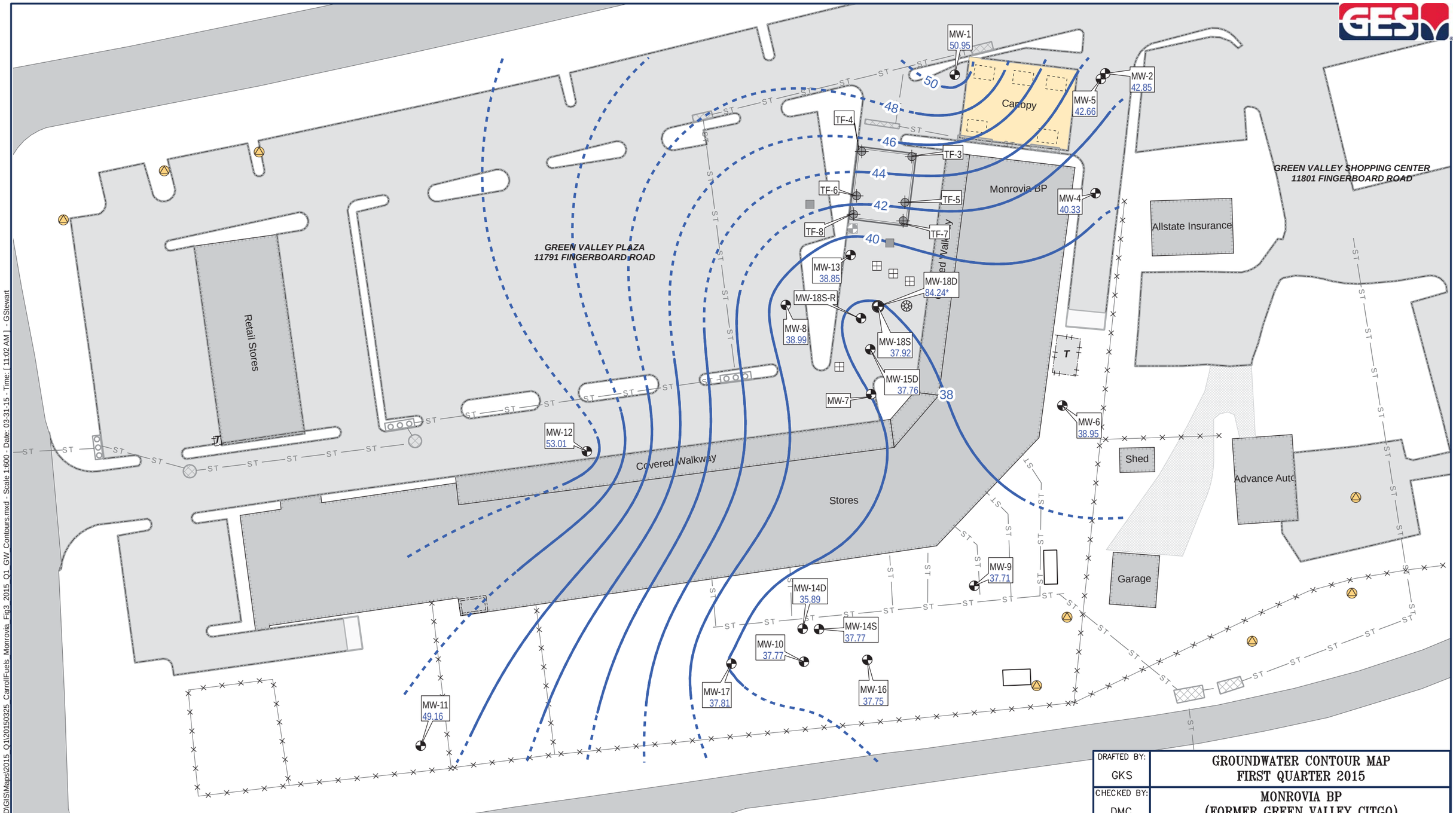

Legend

- 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
- Groundwater Contour
- Interpolated Contour
- 48.58 Groundwater Elevation
- 40.67* Groundwater Elevation Not Used for Contouring

Note:
If gauged multiple times, the first time was used.

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

DRAFTED BY: GKS	GROUNDWATER CONTOUR MAP FIRST QUARTER 2015
CHECKED BY: DMC	MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND
REVIEWED BY: DCR	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
NORTH	SCALE IN FEET 0 50 / DATE 3-31-15 / FIGURE 3

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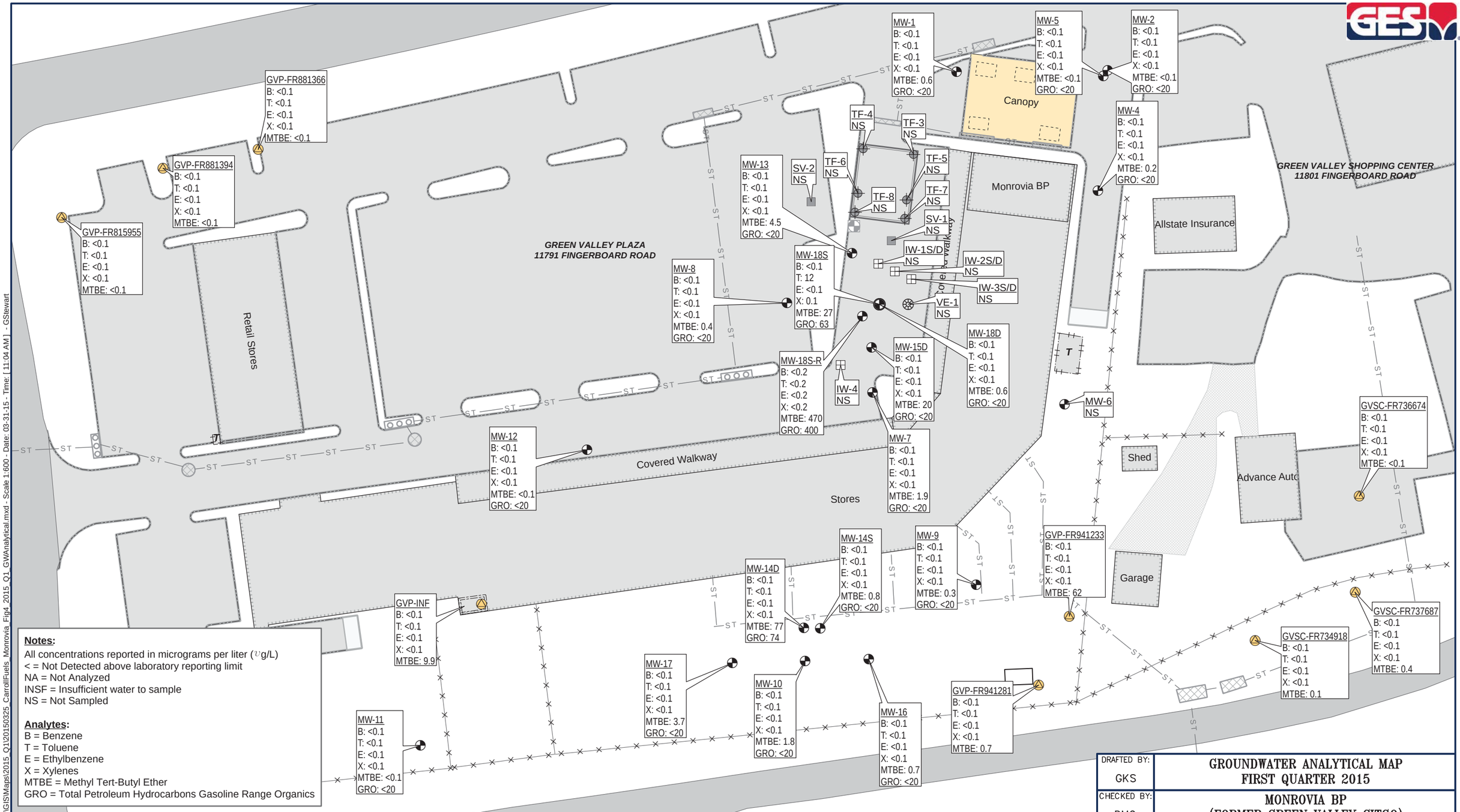

Notes:
All concentrations reported in micrograms per liter (ug/L)
< = Not Detected above laboratory reporting limit
NA = Not Analyzed
INSF = Insufficient water to sample
NS = Not Sampled

Analytes:
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tert-Butyl Ether
GRO = Total Petroleum Hydrocarbons Gasoline Range Organics

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

DRAFTED BY: GKS	GROUNDWATER ANALYTICAL MAP FIRST QUARTER 2015
CHECKED BY: DMC	MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND
REVIEWED BY: DCR	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
NORTH	SCALE IN FEET 0 50 / DATE 3-31-15 / FIGURE 4

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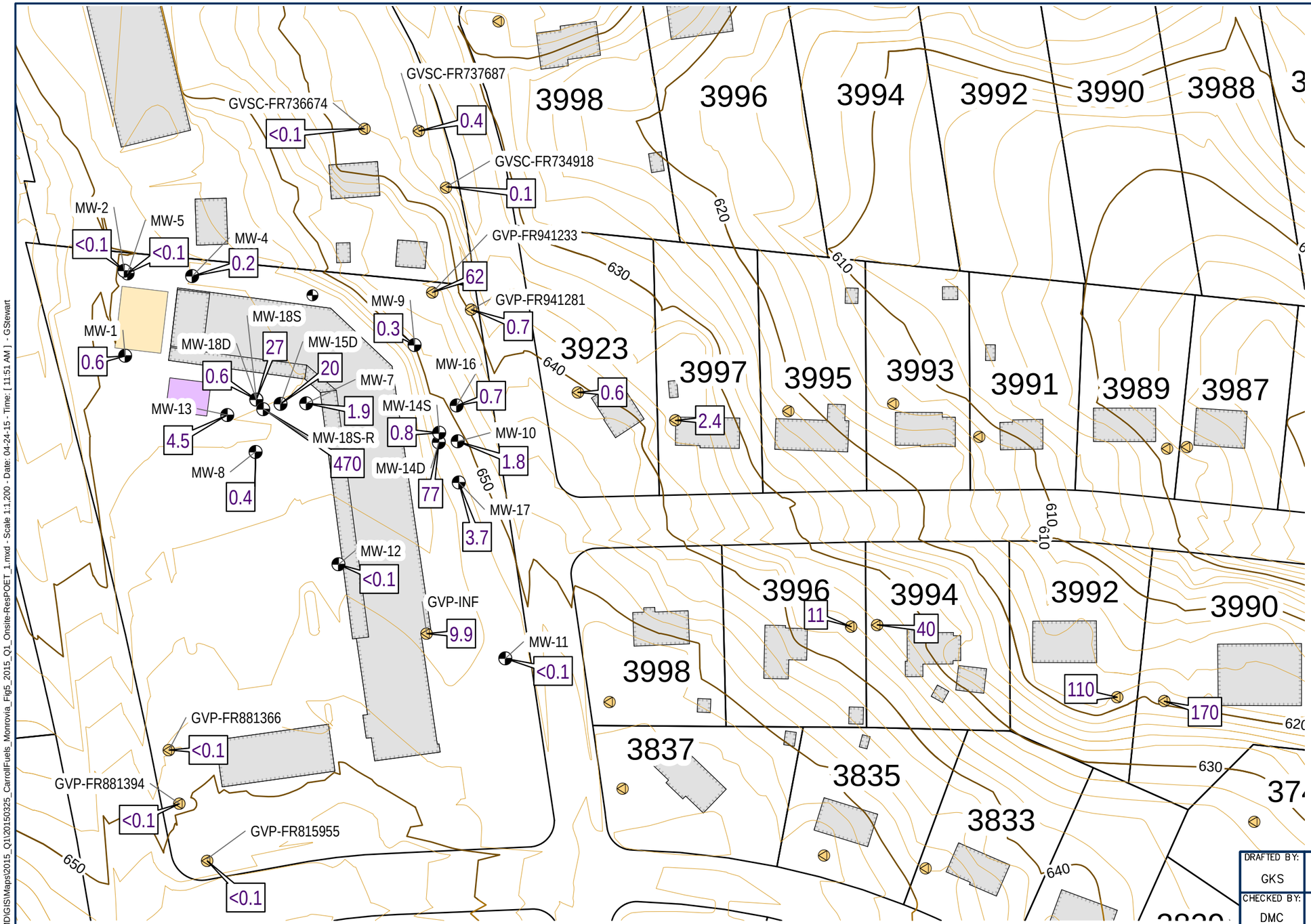

Legend

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

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

DRAFTED BY: GKS	ONSITE AND RESIDENTIAL POET SYSTEM MTBE CONCENTRATION MAP FIRST QUARTER 2015
CHECKED BY: DMC	MONROVIA BP (FORMER GREEN VALLEY CITGO) 11791 FINGERBOARD ROAD MONROVIA, MARYLAND
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
SCALE IN FEET 0 100	DATE 4–24–15 / FIGURE 5

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TABLES

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
IW-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	<10	<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	2,720	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	400	81.2	1,440	-	-
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	<10	17.7	1,990	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
IW-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	<10	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
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	<5.00	<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	<5.00	<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	<10.0	<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	<5.00	<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	<10.0	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5	<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	<5	<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	<5	<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	<10	<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	<5	<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	<10	<2	<10	<150	<100

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-1	08/08/2012	LF (60)	99.19	46.50	-	52.69	<2	<2	<2	<4	<10	<2	<2	<2	<10	<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	<5	<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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<1.00	<5.00	<152	<100
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	<5.00	<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	<5.00	<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-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	<5.00	<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	<10.0	<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	<5.00	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	<10.0	<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	<5.00	<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	<10.0	<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	<5	<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	<5	<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	<5	<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	<10	<2	<10	405	<100
MW-2	02/16/2012	-	99.47	53.27	-	46.20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-2	04/03/2012	GRAB	99.47	52.59	60.58	46.88	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	161	<100
MW-2	07/16/2012	GRAB	99.47	58.80	60.52	40.67	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<150	<100
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	<5.00	<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	<5	<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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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-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
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	<5.00	<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	<5.00	<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	<10.0	<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	<5.00	<1.00	<5.00	51.1	83.9

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-4	01/15/2010	NR	97.84	49.97	-	47.87	<2.00	<2.00	<2.00	<4.00	<10.00	4.36	<2.00	<2.00	<10.0	<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	<5.00	<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	<5.00	<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	<5	<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	<5	<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	<5	<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	<10	<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	<5	<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	<10	<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	<5.00	<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	<5	<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	<5	<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	<5	<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	<5.00	<1.00	<5.00	<152	<100
MW-4	10/21/2013	-	97.84	56.29	-	41.55	-	-	-	-	-	-	-	-	-	-	-	-	-
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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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-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	8.05	<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	<5.00	<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	<10.0	<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	<5.00	<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	<10.0	<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	<5.00	<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	<5.00	<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	<5	<1	<5	<150	<100

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-5	07/12/2011	LF (68)	99.60	57.82	70.61	41.78	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<167	<100
MW-5	10/18/2011	LF (68)	99.60	48.00	78.60	51.60	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
MW-5	01/12/2012	LF (68)	99.60	48.88	70.0	50.72	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<155	<100
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	<5	<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	<10	<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	<10	<2	<10	-	-
MW-5	09/05/2012	-	99.60	53.72	-	45.88	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	10/03/2012	-	99.60	58.70	-	40.90	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	10/04/2012	LF (68)	99.60	58.64	-	40.96	<1	<1	<1	<2	<5	<1	<1	<1	<5	<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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<1.00	<5.00	-	<100
MW-5	01/27/2015	-	99.60	56.94	-	42.66	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/29/2015	LF (68)	99.6	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-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	<10.0	<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	<5.00	<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	<5	<1	<5	<150	<100
MW-6	07/12/2011	-	98.09	DRY	59.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	10/18/2011	P&S	98.09	55.51	59.45	42.58	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<150	<100
MW-6	01/11/2012	GRAB	98.09	55.85	59.35	42.24	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	<150	<100
MW-6	02/16/2012	-	98.09	58.85	-	39.24	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-6	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	<10	<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	<5.00	<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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<1.00	<5.00	-	<100
MW-6	01/27/2015	-	98.09	59.14	-	38.95	-	-	-	-	-	-	-	-	-	-	-	-	-
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	1,320	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	1,790	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	388	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	1,480	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	838	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	937	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	-	-	-	-	-	-	-	-	-	-	-	-	-
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	< 10.00	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	97	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	93.3	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	<10	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	<10	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	<10	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	91.4	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	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-7	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	<10	119	1,250 QK	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	<10	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	<10	<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	<10	<2	<10	-	-
MW-7	09/05/2012	-	97.66	57.93	-	39.73	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	10/03/2012	-	97.66	60.42	-	37.24	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	10/08/2012	LF (69)	97.66	60.35	-	37.31	<1	<1	<1	<2	<5	23.9	10.7	<1	<5	<1	<5	<150	<100
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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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 (DUP)	08/09/2012	-	-	-	-	-	<2	<2	<2	<4	<10	25	35	<2	<10	<2	<10	-	-
MW-7 (DUP)	07/25/2013	-	-	-	-	-	<2.00	<2.00	<2.00	<4.00	<10.00	11.6	12.5	<2.00	<10.0	<2.00	<10.0	-	-
MW-8	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	<5.00	<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	<5.00	<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	<10.0	<2.00	<10.0	<300	80.2

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-8	10/01/2009	NR	97.93	57.72	-	40.21	<1.00	<1.00	<1.00	<2.00	<5.00	172	15.9	<1.00	<5.00	<1.00	9.84	43.1	255
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	<10.0	<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	<10.0	<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	196	78.1	<50.0	422	<100
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	<5	<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	<5	<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	<5	<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	<5	<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	<5	<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	<5	<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	<5	<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	<5	<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	<10	<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	<10	<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	<5	<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	<5	<1	<5	<150	<100
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	<5	<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	<5.00	<1.00	<5.00	<153	<100
MW-8	10/21/2013	-	97.93	55.89	-	42.04	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-8	10/23/2013	LF (66)	97.93	56.35	68.5	41.58	<1.00	<1.00	<1.00	<2.00	<5.00	3.09	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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-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	<5.00	<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	<10.0	<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	<5.00	<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	<10.0	<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	<5.00	<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	<5.00	<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	<5	<1	<5	<150	<100
MW-9	07/12/2011	-	88.48	50.84	77.62	37.64	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9	07/14/2011	LF (66)	88.48	51.02	77.62	37.46	<1	<1	<1	<2	<5	1.52	<1	<1	<5	<1	<5	<155	<100
MW-9	10/19/2011	LF (66)	88.48	44.19	78.00	44.29	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<160	<100
MW-9	01/11/2012	LF (66)	88.48	44.68	78.00	43.80	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<167	<100
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	<5	<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	<10	<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	<5.00	<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	<5	<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	<5	<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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<1.00	<5.00	<152	<100

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-9	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	<5.00	<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	<5.00	<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-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	169	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	<10.0	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	<5.00	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	<10.0	<2.00	<10.0	<300	<100
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	<5.00	<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	<5.00	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	<5	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	45.6	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	<10	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	<5	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	<10	<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	<10	<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	<5	<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	<5	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	<10	<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	<5	<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	<5	<1	<5	<150	<100

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-10	01/14/2013	LF (68)	91.64	53.78	80.00	37.86	<1	<1	<1	<2	<5	11.1	2.14	<1	<5	<1	<5	<154	<100
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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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 (DUP)	10/03/2012	-	-	-	-	-	<1	<1	<1	<2	<5	14.6	1.92	<1	<5	<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	<5.00	<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	<10.0	<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	<5.00	<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	<10.0	<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	<5.00	<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	<5.00	<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	<5	<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	<5	<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	<5	<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	<5	<1	<5	<164	<100
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	<5	<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	<10	<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	<5	<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	<5	<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	<5	<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	<5	<1	<5	<152	<100

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-11	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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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-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	<5.00	<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	<10.0	<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	<5.00	<1.00	<5.00	52.6	42.7
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	<10.0	<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	<5.00	<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	<5.00	<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	<5	<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	<5	<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	<5	<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	<5	<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	<5	<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	<10	<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	<5	<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	<5	<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	<5	<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	<10	<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	<5.00	<1.00	<5.00	<152	<100

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HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-12	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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<1.00	<5.00	<150	<100
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	<5.00	<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-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	281	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	1,110	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	1,910	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	<25.0	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	<10.0	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	229	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	<5	<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	<5	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	<10	<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	<5	<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	<5	<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	<5	<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	-	-	-	-	-	-	-	-	-	-	-	-	-
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	<10	<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	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-13	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	<10	<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	<10	<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	<10	<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	<10	<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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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 (DUP)	10/08/2012	-	-	-	-	-	<1	<1	<1	<2	<5	17.7	2.85	<1	<5	<1	<5	-	-
MW-13 (DUP)	01/16/2013	-	-	-	-	-	<1	<1	<1	<2	<5	4.24	2.23	<1	<5	<1	<5	-	<100
MW-13 (DUP)	04/25/2013	-	-	-	-	-	<1	<1	<1	<2	<5	8.28	<1	<1	<5	<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	<5.00	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	49	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	<10	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	56.4	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	<10	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	<10	34.9	396	<150	642

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-14S	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	<5	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	<10	<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	<10	<2	<10	<154	<100
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	<10	<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	<10	<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	<5	<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	<5	<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	<5	<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	<5	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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-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	300	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	32.7	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	<10.0	<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	136	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	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14D	03/09/2011	-	92.07	61.60	221.80	30.47	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-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	152	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	186	93.3	2,910 V4	<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	59.2	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	<10	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	19.6	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	27	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	41.1	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	24.7	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	<10	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	<10	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	<10	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	<10	18.2	62.2 VH	<152	<100
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	<5	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	<10.0	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	<5.00	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	<10.0	<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	<10.0	<2.00	<10.0	<154	126

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-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	<5.00	<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	<5.00	<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-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	635	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	188	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	1,200	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	111	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	<10	2.82	<10	<150	302
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	<5	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	<10	<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	<10	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	<10	<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	<5	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	<10	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	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-15D	06/13/2012	LF (97)	97.67	56.18	113.31	41.49	<2	<2	<2	<4	<10	18.6	5.26	<2	<10	<2	<10	<152	<100
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	<10	<2	<10	<158	<100
MW-15D	07/23/2012	-	97.67	55.25	-	42.42	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15D	08/09/2012	LF (97)	97.67	56.56	-	41.11	<2	<2	<2	<4	<10	<2	<2	<2	<10	<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	<5	<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	<10	<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	<10	<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	<10.0	<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	<10.0	<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	<10.0	<2.00	<10.0 2d	<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	<5.0	<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	<5.00	<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	<5.00	<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-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	<5.00	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	<10.0	<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	<5.00	<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	<5.00	<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	-	-	-	-	-	-	-	-	-	-	-	-	-
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	<5	<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	<5	<1	<5	<150	<100

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-16	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	<5	<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	<5	<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	<5	<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	<5	<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	<5	<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	<5	<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	<10	<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	<5.00	<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	<5	<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	<5	<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	<5	<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	<5	<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	<5.00	<1.00	<5.00	<153	<100
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	<5.00	<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	<5.00	<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	<5.00	<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	<5.00	<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 (DUP)	11/23/2010	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	263	7.83	<1.00	<5.00	1.67	<5.00	-	-
MW-17	10/01/2009	NR	92.84	55.73	-	37.11	7.38	<2.00	<2.00	8.44	15.82	31,000	202	4.24	1,980	591	25,800	<150	1,710
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	1,970	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	278	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	903	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

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-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	312	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	542	400	8,500 V4	<150	1,530 MS
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	331	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	329	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	238	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	198	158	3,840	<169	887
MW-17	02/16/2012	-	92.84	51.95	-	40.89	-	-	-	-	-	-	-	-	-	-	-	-	-
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	230	172	3,560 QK	<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	115	153	2,050 QK	<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	<10	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	<5	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	<25	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	5.64	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	<5	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	<5.00	<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	<5.00	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	<10.0	<2.00	10.8	<153	117

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-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	<5.00	<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	<5.00	<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	<5.00	<1.00	<5.00	-	<100
MW-17	01/27/2015	-	92.84	55.03	-	37.81	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17	02/12/2015	LF	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 (DUP)	08/01/2014	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	4.58	5.00	<1.00	<5.00	<1.00	<5.00	<152	<100
MW-18S	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	102	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	76.8	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	<10	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	<10	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	<10	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	<10	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	<10	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	-	-	-	-	-	-	-	-	-	-	-	-	-
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	<10	18.7	<10	<156	270

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-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	<10	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	<10	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	<10	<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	<10	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	<10	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	<10.0	<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	<10.0	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	<10.0	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	<10.0	8.54	<10.0	<152	478
MW-18S	07/28/2014	-	98.29	59.65	-	38.64	-	-	-	-	-	-	-	-	-	-	-	-	-
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	<5.00	<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	<5.00	<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 (DUP)	01/16/2014	-	-	-	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	1.85	<1.00	<1.00	<5.00	<1.00	<5.00	<152	<100
MW-18S-R	02/12/2015	LF		59.53	-		<0.2	<0.2	<0.2	<0.2	<0.8	470	18	<0.2	-	7.5	25	-	400
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	<10	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	<10	<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	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-18D	09/27/2011	LF (125)	98.31	51.15	-	47.16	<1	<1	<1	<2	<5	50.3	<1	<1	<5	1.39	24.1	327	106
MW-18D	10/18/2011	LF (125)	98.31	60.00	130.00	38.31	<1	<1	<1	<2	<5	115	<1	<1	<5	2.86	77.7	<357	102
MW-18D	11/16/2011	LF (125)	98.31	59.90	-	38.41	<2	<2	<2	<4	<10	470	6.6	<2	<10	<2	600	<150	364
MW-18D	12/08/2011	-	98.31	62.28	-	36.03	-	-	-	-	-	-	-	-	-	-	-	-	-
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	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	24.8	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	<10	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	<10	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	<10	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	<5	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	<10	6.26	188	<151	<100
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	<5	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	<10.0	2.70	70.0	163	225
MW-18D	10/21/2013	-	98.31	59.00	-	39.31	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
MW-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	<10.0	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	<10.0	<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	<10.0	<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	<5.00	<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	<5.00	<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
RINSATE	08/09/2012	-	-	-	-	-	<2	<2	<2	<4	<10	<2	<2	<2	<10	<2	<10	-	-
RINSATE	10/03/2012	-	-	-	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	-	-
RINSATE	01/16/2013	-	-	-	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	-	<100
SV-1	03/09/2011	-	NR	28.80	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
SV-2	04/14/2014	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	07/28/2014	-	NR	33.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV-2	11/17/2014	-	NR	33.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
TF-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-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
TF-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	07/28/2014	-	NR	DRY	13.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-6	11/17/2014	-	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-8	10/21/2008	-	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**
TF-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

LF (##) = Low Flow (depth that the sample was taken at)
<# = Less than the method detection limit

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- VOC & TPH PARAMETERS

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

Monitoring Well	Date	Sample Method	Top of Casing (ft)	Depth to Water (ft)	Depth to Bottom (Measured Depth) (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards*							**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**47**	**47**

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

Table 2

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY- 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	-	-

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	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
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-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

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	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
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-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	-	-

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	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	-	-
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-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

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-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
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-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	-	-

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	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	-	-
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-R	02/12/2015	-	3.9	<1	0.087	-	-	15	<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

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**

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

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	4.100	-	<1.5
MW-2	02/12/2015	3.300	-	1.7 J
MW-4	11/17/2014	3.970	-	-
MW-4	02/12/2015	3.500	-	<1.5
MW-5	11/17/2014	2.406	-	-
MW-5	02/12/2015	2.500	-	<1.5
MW-7	11/20/2014	2.648	-	-
MW-7	02/12/2015	2.700	-	1.6 J
MW-8	11/19/2014	2.226	-	-
MW-8	02/12/2015	2.000	-	<1.5
MW-9	11/18/2014	3.370	-	-
MW-9	02/12/2015	2.700	-	<1.5
MW-10	11/18/2014	2.830	-	-
MW-10	02/12/2015	3.000	-	<1.5
MW-11	11/18/2014	2.818	-	-
MW-11	02/12/2015	2.000	-	4.9 J
MW-12	11/19/2014	2.212	-	-
MW-12	02/12/2015	1.900	-	15.7
MW-13	11/20/2014	2.676	-	-
MW-13	02/12/2015	3.000	-	2.5 J
MW-14D	11/19/2014	<1.000	-	-
MW-14D	02/12/2015	<0.25	0.032 J	43.9
MW-14S	11/18/2014	2.430	<0.500	3.68
MW-14S	02/12/2015	2.800	-	<1.5
MW-15D	11/20/2014	2.280	-	-
MW-15D	2/12/2015`	3.100	-	<1.5
MW-16	11/19/2014	3.184	-	-
MW-16	02/12/2015	4.100	-	2.1 J
MW-17	11/19/2014	2.648	-	-
MW-17	02/12/2015	2.300	-	2.4 J
MW-18D	11/20/2014	<1.000	-	-
MW-18D	02/12/2015	0.47 J	<0.010	13.9

Table 3

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-18S	11/20/2014	2.974	-	-
MW-18S	02/12/2015	2.300	-	<1.5
MW-18S-R	02/12/2015	2.800	-	4.2 J

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

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-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-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-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	-	-	-	-	-
MW-8	3/11/2011	15.52	317	12.49	4.73	270.4	-	-	-	-	-

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-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-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-10	11/23/2010	16.13	578	9.13	5.21	349.3	-	-	-	-	-

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-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
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-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	-	-	-	-	-
MW-12	12/8/2010	16.71	470	8.43	4.75	261.5	-	-	-	-	-

Table 4

HISTORICAL MONITORING WELL FIELD PARAMETERS DATA SUMMARY

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

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
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-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
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

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	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-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	-	-	-	-	-
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-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-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	-
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

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	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	-	-	-	-	-
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-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	-	-	-	-	-

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	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	-	-	-	-	-
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-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	-
MW-17	2/12/2015	14.47	815	3.43	5.86	86.7	-	-	-	-	-
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

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

Monitoring Well	Date	Well Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Well pH	ORP (mV)	LEL (Head Space) (%)	Ozone (Head Space) (ppm)	Percent Oxygen (Head Space) (%)	Photoionizing Detector Reading (ppm)	Well Pressure / Vacuum (Head Space) (Inches of water)
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
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	12.23	5,633	8.72	15.43	-57.6	-	-	-	-	-
MW-18S-R	2/12/2015	15.22	675	5.11	5.69	121.5	-	-	-	-	-
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	-

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	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
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	-	-	-	-	-
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

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)
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
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

°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)	Disopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**	**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**	**NA**	**NA**	**NA**	**NA**	**NA**
GVP-FR815955	1/4/2007		-	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	<0.3	<0.6	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	<0.3	<0.6	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	-	-	4.3	2.8	2.59	9.2	2.0	6.2	6.7	-	-	-	-	-
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	-	-	3.1	2.2	2.46	4.1	2.1	3.7	5.2	-	-	-	-	5.8
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	-	-	37.8	2.9	1.05	-	-	31	5.3	-	-	-	-	-
GVP-FR815955	5/23/2013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	4.9	8.9	-	-	35	4.6	-	-	-	-	-
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	-	-	670	4.2	40 M1	-	-	380	3.0	-	-	-	-	-
GVP-FR815955	12/18/2013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	<1.0	0.20	-	-	8.2	1.7	-	-	-	-	-
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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.1	0.42	-	-	19	6.1	-	-	-	-	-
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 (DUP)	10/18/2013		-	<0.5	<0.5	<0.5	<1.00	<2.5	<0.500	<0.5	<0.5	<0.5	14.1	<0.5	-	-	76	4.5	23	-	-	120	2.1	-	-	-	-	-
GVP-FR815955 (DUP)	12/18/2013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	<1.0	0.18	-	-	8.5	1.6	-	-	-	-	-
GVP-FR881366	1/4/2007		-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	<0.3	<0.6	<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	<0.3	<0.6	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	<0.3	<0.6	<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	<0.3	<0.6	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	<0.3	<0.6	<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	<0.3	<0.6	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	<0.3	<0.6	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	<0.3	<0.6	4.3	<0.1	<0.1	0.1	<5.0	<0.2	<35	<20	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	<1.0	<1.0	0.109	5.5	2.4	<1.0	<1.0	-	-	-	-	-
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	-	-	<1.0	<1.0	0.064	6.2	1.4	<1.0	<1.0	-	-	-	-	6.3
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	-	-	1.3	<1	0.528	-	-	8	15.9	-	-	-	-	-
GVP-FR881366	5/23/2013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	<1.0	0.62	-	-	2.7	1.8	-	-	-	-	-
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	-	-	1.4	<1.0	0.18	-	-	1.1	0.85	-	-	-	-	-
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	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR881394	1/10/2007		-	<0.1	0.1	<0.1	<0.3	0.1	2	<0.1	<0.1	<0.1	25	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR881394	1/23/2008		-	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.1	<0.1	<5.0	<0.2	<29	<20	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR881394	4/17/2008		-	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<31	<20	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR881394	7/17/2008		-	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	30	<20	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR881394	9/4/2008		-	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	<0.1	<5.0	<0.2	<32	<20	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR881394	10/16/2008		-	<0.1	<0.1	<0.1	<0.3	<0.6	1.5	<0.1	<0.1	<0.1	<5.0	<0.2	<33	22	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	<1.0	1.8	0.144	5.9	16.5	5.4	6.0	-	-	-	-	-
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	-	-	<1.0	<1.0	0.392	11.1	1.8	3.4	5.1	-	-	-	-	5.8
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	-	-	<1	<1	0.167	-	-	1.1	1.1	-	-	-	-	-
GVP-FR881394	5/23/2013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	4.6	0.62	-	-	22	32	-	-	-	-	-
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	-	-	1.8	<1.0	1.4	-	-	3.8	3.7	-	-	-	-	-
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)	Disopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**	**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**	**NA**	**NA**	**NA**	**NA**	**NA**
GVP-FR941233	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	-	-	12.3 B3 L12	-	-	<20	<20	-	-	<15	<500	228,000	<4000	-
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	-	-	24.2 B3	-	-	27.2	<20	-	-	<15	<500	192,000	<4000	-
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	-	-	5.05 L12	-	-	<20	<20	-	-	<15	<500	228,000	<4000	-
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	-	-	<1	-	-	<20	<20	-	-	<15	<500	146,000	5,000	-
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	-	-	13.2	-	-	<20	<10	-	-	<15	<500	182,000	<4000	-
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	-	-	10.4	-	-	<20	<20	-	-	<15	<500	162,000	<4000	-
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	-	-	7.37	-	-	<20	<20	-	-	<15	<500	278,000	<4000	-
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	-	-	5.7	6.6	4.68	8.4	1.9	6.1	4.9	<15	<500	178,000	<4000	-
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	-	-	1.9	3.5	2.36	28.1	3.5	38	4.6	-	-	-	-	6.2
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	-	-	3.2	2.9	2.85	-	-	2.5	1.1	-	-	-	-	-
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	-	-	1.4	5.0	4.3	-	-	26	4.9	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	3.2	3.5	3.3	-	-	1.7	0.95	-	-	-	-	-
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	-	-	2.1	1.5	1.4	-	-	1.6	2.2	-	-	-	-	-
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-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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)	Disopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**	**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**	**NA**	**NA**	**NA**	**NA**	**NA**
GVP-FR941281	9/12/2011		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	1.62 B3 L12	-	-	31 L12	<20	-	-	<15	<500	124,000	<4000	-
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	-	-	<1	-	-	<20	<20	-	-	<15	<500	132,000	<4000	-
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	-	-	1.4 L12	-	-	<20	<20	-	-	<15	<500	130,000	<4000	-
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	-	-	19.6	-	-	25.000	<20	-	-	<15	<500	58,000	7,000	-
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	-	-	<1	-	-	<20	<10	-	-	<15	<500	162,000	<4000	-
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	-	-	<1	-	-	25.2	<20	-	-	<15	<500	228,000	5,000	-
GVP-FR941281	7/18/2012		-	<0.5	<0.5	<0.5	<1	<3	1.96	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1	-	-	<20	<20	-	-	<15	<500	190,000	<4000	-
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	-	-	<1.0	<1.0	0.657	32.3	6.5	4.5	8.8	<15	<500	200,000	<4000	-
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	-	-	<1.0	<1.0	0.260	28.3	2.2	6.8	1.9	-	-	-	-	6.5
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	-	-	<1	<1	0.021	-	-	<1	<1	-	-	-	-	-
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	-	-	1.4	<1.0	0.89	-	-	4.2	1.3	-	-	-	-	-
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	-	-	<1.0	<1.0	0.031	-	-	0.5	0.58	-	-	-	-	-
GVP-FR941281	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-FR941281	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-FR941281	7/9/2014		-	<0.500	<0.500	<0.500	<1.00	<2.500	1.16	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-FR941281	10/30/2014		-	<0.500	<0.500	<0.500	<1.00	<2.500	2.39	<0.500	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-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 (DUP)	7/18/2012		-	<0.5	<0.5	<0.5	<1	<3	2.08	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GVP-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	300.00	<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	-	-	<1.0	<1.0	0.210	16.2	3.3	<1.0	<1.0	<15	<500	404,000	5,000	-
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	-	-	10.0	<1.0	0.062	54.9	4.1	<1.0	<1.0	-	-	-	-	7.3
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	-	-	<1.0	<1.0	0.221	-	-	<1.0	<1.0	-	-	-	-	-

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)	Disopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**	**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**	**NA**	**NA**	**NA**	**NA**	**NA**
GVP-INF	4/24/2013		-	<0.5	<0.5	<0.5	<1	<3	7.46	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	0.056	-	-	<0.5	0.55	-	-	-	-	-
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	0.950	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	0.054	-	-	0.59	0.52	-	-	-	-	-
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	2.10	<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 (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	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-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	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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)	Disopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**	**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**	**NA**	**NA**	**NA**	**NA**	**NA**
GVP-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	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	<1.0	<1.0	0.758	29.2	4.6	<1.0	<1.0	<15	<500	314,000	<4000	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1
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-POU	10/4/2012		-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	-	-	<1.0	<1.0	0.222	2.0	2.5	<1.0	<1.0	-	-	-	-	7.1
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	-	-	<1.0	<1.0	<0.020	-	-	<1.0	<1.0	-	-	-	-	-
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	-	-	<1.0	<1.0	<0.03	-	-	<0.5	<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	-	-	<1.0	<1.0	<0.03	-	-	<0.5	<0.5	-	-	-	-	-
GVP-POU	10/30/2014		-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	<1.0	0.041	-	-	<0.5	0.74	-	-	-	-	-

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

<# = Less than the method detection limit of #

µg/L = Micrograms per liter

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

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)	Disopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Iron (µg/L)	Iron, Dissolved (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)	Chemical Oxygen Demand (mg/L)	TOC (µg/L)	TDS (µg/L)	TSS (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**	**100**	**100**	**NA**	**2,600**	**2,600**	**15**	**15**	**NA**	**NA**	**NA**	**NA**	**NA**

BTEX = Benzene, toluene, ethylbenzene, xylenes
D1 = The Relevant Percent Difference (RPD) result exceeded the Quality Control (QC) control limits for the duplicate sample analyzed.
EFF = Effluent sample location
gal = Gallons
GVP = Green Valley Plaza
INF = Influent sample location
J = Estimated value
L12 = The prep method Laboratory Control Sampling (LCS) spike recovery was outside acceptance limits. The batch results were accepted based on the acceptable recovery of the other associated QC.
mg/L = Milligrams per liter
M1 = Matrix spike recovery was high; the associated blank spike recovery was acceptable.
MID = Midfluent sample location
MTBE = Methyl Tertiary Butyl Ether
NR = Not recorded
POET = Point of Entry Treatment
POU = Point-of-use sample location
QA = The RPD result exceeded the QC control limits for the duplicate sample analyzed.
NA = Not Available or Not Analyzed for that specific compound
TDS = Total Dissolved Solids
TSS = Total Suspended Solids
TOC = Total Organic Carbons
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
V8 = LCS value was outside the QC range. Data accepted based on acceptable check standard.

Table 6

HISTORICAL GVSC POTABLE WELL DATA SUMMARY

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	tert-Butyl Alcohol (µg/L)	Naphthalene (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	Tetrachloroethene (µg/L)	Tetrahydrofuran (µg/L)	Acetone (µg/L)	Chromium (µg/L)	Chromium, Dissolved (µg/L)	Chromium (hexavalent) (µg/L)	Lead (µg/L)	Lead, Dissolved (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.65**	**47**	**47**	**5**	**NA**	**550**	**100**	**100**	**NA**	**15**	**15**
GVSC-FR734918	4/5/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.1	-	<0.1	<5.0	<0.2	<28	<20	0.1	<2.0	<3.0	-	-	-	-	-
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	<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	<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	<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	<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	<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	-	-	-	-	-
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	-	-	-	-	-	-	-

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	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	-	-	-	-	-	-	-
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

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	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 = Estimated value
MTBE = Methyl Tertiary Butyl Ether
NA = Not Available or Not Analyzed for that specific compound
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
V4 = Check standard was outside the Quality Control (QC) range. Data accepted based on acceptable Laboratory Control Sampling (LCS).
VH = LCS value was outside the QC range. Data accepted based on acceptable check standard.

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**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	10.4	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	<2.50	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	66.8	38.1	-
3923-ROSE-INF	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	2,600	1,190	10.7	<0.500	48.5	40.2	-
3923-ROSE-INF	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	48	16.6	2	<0.500	<2.50	<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	23.3	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	<2.50	<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	<2.50	<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	<2.50	<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	<2.5	<0.5	-
3923-ROSE-INF	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	20.2	<2.5	3.3	<0.5	<2.5	<0.5	-
3923-ROSE-INF	9/30/2011	-	-	<0.5	<0.5	<0.5	<1	<3	2.81	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-INF	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	0.86	<2.5	0.99	<0.5	<2.5	<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	<2.5	<0.5	-
3923-ROSE-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	1.91	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-INF	1/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	0.99	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-INF	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	0.58	<2.5	<0.5	<0.5	<2.5	<0.5	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-INF	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.06	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-INF	7/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<0.500	-
3923-ROSE-INF	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.5
3923-ROSE-INF	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-INF	4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	1.44	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-
3923-ROSE-INF	1/24/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.82	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-INF	2/1/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	2.91	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-INF	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.65	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-INF	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.510	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-INF	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	0.800	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-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-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	-
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-MID2	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-MID2	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
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	<2.5	<0.5	-
3923-ROSE-MID2	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-MID2	1/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-MID2	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-MID2	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-MID2	7/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-MID2	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.5	<0.5	-
3923-ROSE-MID2	4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-MID2	7/24/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-MID2	10/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-MID2	1/9/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	32	188	<0.500	<0.500	40.3	<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	23.9	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-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	-	-	-	-	-	-	-	-	-	-	-	-
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	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo
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Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.5	<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	<2.5	<0.5	-
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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-POU	8/8/2012	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3923-ROSE-POU	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	5.9

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo
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Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3923-ROSE-POU	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3923-ROSE-POU	4/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<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	89.6	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	77.6	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	65.7	38.3	-
3990-FARM-INF	4/8/2009	-	-	0.93	<0.500	<0.500	<0.500	0.93	2,810	1,100	10.6	<0.500	77	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	102	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	80.7	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	53	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	45	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	45.8	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	11	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	78.8 V8	31.3	-
3990-FARM-INF	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	588	247	5.46	<0.5	34.4	15.6	-
3990-FARM-INF	9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	722	658	5.16	<0.5	49.1 V8	19	-

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11791 Fingerboard Rd
Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-INF	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	526	262	4.77	<0.5	24.6	13.9	-
3990-FARM-INF	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	642 V8	346	5.87	<0.5	17.8	12.3	-
3990-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	568	322	5.38	<0.5	30.4	16.6	-
3990-FARM-INF	4/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	554	84.8 VH	4.75	<0.5	4.35 VH	8.04	-
3990-FARM-INF	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	430	102 VH	3.74	<0.5	10.8	7.96	-
3990-FARM-INF	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	510 QK	306	4.59	<0.5	26.9	14.4	-
3990-FARM-INF	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	749	396	5.01	<0.5	30.3	14.2	-
3990-FARM-INF	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	555	223	<0.5	<0.5	20.8	13.6	5.6
3990-FARM-INF	1/16/2013	-	-	<0.5	<0.5	<0.5	<1	<3	688	309	5.01	<0.5	25.2	17.6	-
3990-FARM-INF	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	383 QK	88.9	3.51	<0.5	6.73	6.89	-
3990-FARM-INF	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	305 QK	79.3	3.01	<0.5	4.3	5.91	-
3990-FARM-INF	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	619	106	3.76	<0.5	6.41	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	6.22	6.50	-
3990-FARM-INF	11/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	333	110	2.93	<0.500	9.36	6.51	-
3990-FARM-INF	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	199	134	3.81	<0.500	10.7	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	7.56	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	<2.50	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	<2.50	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	<2.50	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-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	-
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	<2.50	<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	<2.50	<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	<2.50	<0.500	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3990-FARM-MID2	4/8/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	14.4	<0.500	<0.500	<2.50	<0.500	-
3990-FARM-MID2	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	839	<0.500	<0.500	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.5	<0.5	-
3990-FARM-MID2	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	13.2	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	10.2	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	4/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	7.19	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	91.2	<0.5	<0.5	<2.5	<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	<2.5	<0.5	-
3990-FARM-MID2	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	19.3	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-MID2	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	6.93	<0.5	<0.5	<2.5	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-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	-
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	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-
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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<0.5	6.0

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.5	<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	<2.5	<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	<2.5	<0.5	-
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	<2.5	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3990-FARM-POU	10/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.5	<0.5	-
3990-FARM-POU	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<0.500	-
3992-FARM-INF	5/15/2007	-	-	<1.0	<1.0	<1.0	<3.0	<6.0	710	360	3.6	<1.0	-	22	-
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	-
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	92.8	31.4	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-INF	2/11/2009	-	-	0.69	<0.500	<0.500	<0.500	0.69	1,710	930	8.65	<0.500	75.6	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	56	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	73.6	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	26.4	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	31.1	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	<2.50	6.5	-
3992-FARM-INF	4/12/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	536	107	3.92	<0.500	6.05	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	14.3	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	-
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	16	13	-
3992-FARM-INF	8/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	649	168	4.22	<0.5	21.8	9.61	-
3992-FARM-INF	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	374	21.7	3.64	<0.5	<2.5	6.99	-
3992-FARM-INF	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	962 V8	27.1	3.59	<0.5	<2.5	6.45	-
3992-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	285	14.2	3.83	<0.5	<2.5	6.43	-
3992-FARM-INF	1/25/2012	-	-	<0.5	<0.5	<0.5	<1	<3	323	102	4.75	<0.5	3.84	4.33 12G	-
3992-FARM-INF	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	241 QK	12.4	3.28	<0.5	<2.5	3.3	-
3992-FARM-INF	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	341	53.8 VH	3.15	<0.5	4.06	4.86	-
3992-FARM-INF	6/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	323 QK	129	3.1	<0.5	10.8	7.09	-
3992-FARM-INF	7/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	848	371	5.78	<0.5	17.3	8.87	-
3992-FARM-INF	8/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	316	30.4	3.3	<0.5	<2.5	5.17	-
3992-FARM-INF	10/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	817	21	3.45	<0.5	<2.5	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	<2.5	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	7.18	6.64	-
3992-FARM-INF	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	475	96.4	3.7	<0.5	4.76	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	<2.5	3.37	-
3992-FARM-INF	3/27/2013	-	-	<0.5	<0.5	<0.5	<1	<3	95.9	9.05	2.04	<0.5	<2.5	1.15	-
3992-FARM-INF	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	92.9	11.2	1.34	<0.5	<2.5	1.08	-
3992-FARM-INF	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	133	<2.5	1.12	<0.5	<2.5	1.99	-
3992-FARM-INF	7/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	343	9.63	2.38	<0.5	<2.5	1.56	-
3992-FARM-INF	8/14/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	339	10	2.16	<0.500	<2.50	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	<2.50	<0.500	-
3992-FARM-INF	10/23/2013	-	-	<1.00	<1.00	<1.00	<2.00	<5.00	145	21	2.04	<1.00	<5.00	2.88	-
3992-FARM-INF	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	155	13.6	2.03	<0.500	<2.50	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	<2.50	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	<2.50	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	<2.50	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	<2.50	<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-MID2	5/30/2007	-	-	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<5.0	<0.1	<0.1	-	<0.1	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-MID2	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	-
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.5	<0.5	-
3992-FARM-MID2	10/18/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	1/25/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	26.3	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	6/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	7/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	8/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	15.7	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	10/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	6.1

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3992-FARM-MID2	11/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	12/24/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	2/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	3/27/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	41.9	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-MID2	7/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<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	<2.50	<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	<5.00	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-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	-
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	<2.50	<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	<2.50	<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	<2.50	<0.500	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-
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	<2.50	<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	<2.50	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<0.5	-
3992-FARM-EFF	1/17/2013	-	308,799	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.50	<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	<2.50	<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	<5.00	<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	<2.50	<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	<2.50	<0.500	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.50	<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	<2.50	<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	<2.50	<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-POU	8/23/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3992-FARM-POU	10/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.5	<0.5	-
3992-FARM-POU	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<5.00	<1.00	-
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	68.7	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	65.5	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	49.5	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	60.2	24.8	-
3994-FARM-INF	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	861	660	8.14	<0.500	65.4	22	-
3994-FARM-INF	10/7/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	988	389	4.87	<0.500	37	14.8	-
3994-FARM-INF	1/13/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	578	195	4.08	<0.500	12.8	10.5	-
3994-FARM-INF	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	970	438	7.4	<0.500	29.9	18.5	-
3994-FARM-INF	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	878	284	8.08	<0.500	39.8	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	-

Table 7

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Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	3.78	4.52	-
3994-FARM-INF	7/12/2011	-	-	<0.5	<0.5	<0.5	<1	<3	745	481 V8	5.37	<0.5	24.4 V8	12	-
3994-FARM-INF	9/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	607	248	4.02	<0.5	20	12.2	-
3994-FARM-INF	9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	303	36.4	2.11	<0.5	<2.5	5.52	-
3994-FARM-INF	10/20/2011	-	-	<0.5	<0.5	<0.5	<1	<3	328	35.9	2.34	<0.5	<2.5	5.79	-
3994-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	709	96	3.28	<0.5	7.39	7.41	-
3994-FARM-INF	1/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	664	42.3	3.26	<0.5	<2.5	4.07	-
3994-FARM-INF	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	217 QK	14.5	2.78	<0.5	<2.5	3.06	-
3994-FARM-INF	5/21/2012	-	-	<0.5	<0.5	<0.5	<1	<3	256	73.5 VH	2.37	<0.5	6.94	4.33	-
3994-FARM-INF	6/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	174 QK	33.5	1.82	<0.5	<2.5	3.54	-
3994-FARM-INF	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	284	110	3.1	<0.5	<2.5	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	<2.50	2.89	-
3994-FARM-INF	10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	173 QK	40.2	<0.5	<0.5	<2.5	4.01	5.5
3994-FARM-INF	12/13/2012	-	-	<0.5	46.8	<0.5	<1	47	206 QK	107	2.08	<0.5	8.82	4.57	-
3994-FARM-INF	1/17/2013	-	-	<0.5	1.86	<0.5	<1	2	339	104	2.08	<0.5	7.45	5.52	-
3994-FARM-INF	2/21/2013	-	-	<0.5	1.11	<0.5	<1	1	150 QK	38	2.91 VH	<0.5	<2.5	2.3	-
3994-FARM-INF	3/19/2013	-	-	<0.5	<0.5	<0.5	<1	<3	108 QK	30.8	1.94	<0.5	<2.5	1.88	-
3994-FARM-INF	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	112	28.7	<0.5	<0.5	<2.5	2.16	-
3994-FARM-INF	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	110 QK	16.8	<0.5	<0.5	<2.5	1.87	-
3994-FARM-INF	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	269	41.6	1.78	<0.5	<2.5	2.49	-
3994-FARM-INF	8/15/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	296	19	1.5	<0.500	<2.50	1.87	-
3994-FARM-INF	9/11/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	232	27	1.15	<0.500	<2.50	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	<2.50	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	<2.50	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	<2.50	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	<2.50	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	<2.50	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	<2.50	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-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 alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.5	<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	<2.5	<0.5	-
3994-FARM-MID2	9/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	10/20/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	1/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	11.9	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	4/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.5	<0.5	-
3994-FARM-MID2	6/18/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<0.500	-
3994-FARM-MID2	10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	26.6	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	12/13/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	2/21/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	3/19/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	10.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	6/20/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-MID2	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<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	<2.50	<0.500	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-MID2	10/17/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3994-FARM-MID2	12/18/2013	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3994-FARM-MID2	1/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3994-FARM-MID2	4/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3994-FARM-MID2	7/8/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3994-FARM-MID2	10/30/2014	-	-	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3994-FARM-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-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	-
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-

Table 7

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Carroll - Monrovia MD - Green Valley Citgo
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Monrovia, MD

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.50	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<0.5	-
3994-FARM-EFF	5/21/2012	-	105,755	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
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	<2.5	<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	<2.50	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	-
3994-FARM-EFF	2/13/2015	CARBON CHANGE	301,800	-	-	-	-	-	-	-	-	-	-	-	-
3994-FARM-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3994-FARM-POU	10/3/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	6.2
3994-FARM-POU	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3994-FARM-POU	5/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<0.500	-
3996-FARM-INF	4/16/2007	-	-	0.2	<0.1	<0.1	<0.3	0.2	370	260	2	<0.1	-	12	-
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	-
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	3.06	5.23	-
3996-FARM-INF	1/14/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	289	107	1.56	<0.500	7.29	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	<2.50	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	<2.50	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	<2.50	2	-
3996-FARM-INF	7/15/2009	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	242	32.5	2.33	<0.500	<2.50	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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.5	<0.5	-
3996-FARM-INF	9/16/2011	-	-	<0.5	1.8 V8	<0.5	<1	2	246	87.8	<0.5	<0.5	<2.5	3.1 V8	-
3996-FARM-INF	9/27/2011	-	-	<0.5	<0.5	<0.5	<1	<3	142 L1	180	1.18	<0.5	12.3 V8	3.4	-
3996-FARM-INF	11/11/2011	-	-	<0.5	0.5	<0.5	<1	1	212	103	<0.5	<0.5	9.27	3.87	-
3996-FARM-INF	12/8/2011	-	-	<0.5	<0.5	<0.5	<1	<3	199	105	1.69	<0.5	11.6	4.29	-
3996-FARM-INF	2/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	192	39.4 VH	1.26	<0.5	<2.5	2.76	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-INF	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	104	35.6	1.25	<0.5	<2.5	1.53	-
3996-FARM-INF	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	84.8	48.3	0.89	<0.5	<2.5	1.77	-
3996-FARM-INF	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	103	62.7	1.16	<0.5	<2.5	2.16	-
3996-FARM-INF	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	52.6	29.4	<0.5	<0.5	2.97	0.87	5.6
3996-FARM-INF	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	68.9	40	<0.5	<0.5	<2.5	1.52	-
3996-FARM-INF	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	61.5	31.6	<0.5	<0.5	<2.5	0.73	-
3996-FARM-INF	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	48.6	20.4	0.6	<0.5	<2.5	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	<5.00	<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	<2.50	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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-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	-
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
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	<2.5	<0.5	-
3996-FARM-MID2	11/11/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	6.61	<0.5	<0.5	<2.5	<0.5	-
3996-FARM-MID2	2/16/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3996-FARM-MID2	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3996-FARM-MID2	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	88.4	<0.5	<0.5	<2.5	<0.5	-
3996-FARM-MID2	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3996-FARM-MID2	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	32.4	<0.5	<0.5	<2.5	<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	<2.5	<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	<2.5	<0.5	-
3996-FARM-MID2	7/23/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	5.95	<0.5	<0.5	<2.5	<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	<5.00	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-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	-
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	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-
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	<2.50	<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	<2.50	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<5.00	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-
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	<2.50	<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-POU	8/8/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3996-FARM-POU	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	39.2	<0.5	<0.5	<2.5	<0.5	5.5
3996-FARM-POU	1/17/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3996-FARM-POU	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-INF	4/16/2007	-	-	<0.1	<0.1	<0.1	<0.3	<0.6	14	<5.0	1.9	<0.1	-	0.1	-
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	-
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	<2.50	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	26.4	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	87.1	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	94.7	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	<2.50	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	8.45	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	<2.50	<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	<2.50	<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	<2.50	<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	<2.5	<0.5	-
3997-FARM-INF	8/15/2011	-	-	<0.5	<0.5	<0.5	<1	<3	83.5	<2.5	4.98	<0.5	<2.5	0.76	-
3997-FARM-INF	9/30/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-INF	10/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	7.68	<2.5	1.15	<0.5	<2.5	<0.5	-
3997-FARM-INF	11/16/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**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	<2.5	<0.5	-
3997-FARM-INF	1/11/2012	-	-	<0.5	<0.5	<0.5	<1	<3	3.62	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-INF	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.71	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-INF	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.07	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-INF	7/12/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-INF	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	2.35	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-INF	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	1.33	<2.5	<0.5	<0.5	<2.5	<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	<2.5	<0.5	-
3997-FARM-INF	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	6.05	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-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	-
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<0.500	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

Carroll - Monrovia MD - Green Valley Citgo
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Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
3997-FARM-MID2	4/14/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
3997-FARM-MID2	7/21/2010	-	-	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-
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	<2.5	<0.5	-
3997-FARM-MID2	10/19/2011	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-MID2	1/11/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-MID2	4/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-MID2	6/14/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-MID2	7/17/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-MID2	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.5	<0.5	-
3997-FARM-MID2	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-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	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	-
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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.5	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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	<2.50	<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-POU	8/6/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-
3997-FARM-POU	10/4/2012	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.5	<0.5	-
3997-FARM-POU	4/24/2013	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<2.5	<0.5	<0.5	<2.5	<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	<2.50	<0.500	-

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

Table 7

HISTORICAL RESIDENTIAL POET SYSTEM DATA SUMMARY

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

Monitoring Well	Date	CARBON CHANGE	POET Totalizer (gal)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	Well pH
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

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, xylenes
D1 = The Relevant Percent Difference (RPD) result exceeded the QC control limits for the duplicate sample analyzed.
EFF = Effluent sample location
INF = Influent sample location
J = Estimated value
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
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.

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3717-BLUE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3719-BLUE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.9	<0.1	0.7	0.1	<0.2	<0.1	<0.3	<2.0	-
3723-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
3724-BLUE-INF	5/29/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	-	<0.2	<5.0	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-
3725-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
3726-BLUE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3727-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	0.2	<0.1	<0.3	<2.0	-
3729-BLUE-INF	5/23/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1.6	<0.2	<0.1	<0.3	<2.0	-
3731-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3732-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3733-BLUE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3734-BLUE-INF	5/1/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3737-BLUE-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3737-BLUE-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	0.68	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3737-BLUE-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	0.66	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3737-BLUE-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3737-BLUE-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3739-BLUE-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3739-BLUE-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	7.0
3739-BLUE-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3739-BLUE-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3739-BLUE-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<2.50	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3739-BLUE-INF	7/9/2014	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3739-BLUE-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	-	-	-	-	-	-	<0.1	<0.3	-	-
3739-BLUE-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3740-BLUE-INF	4/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	10/12/2007	<0.1	1.9	<0.1	<0.3	1.9	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	11/14/2007	<0.1	0.3	<0.1	<0.3	0.3	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3740-BLUE-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
3740-BLUE-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.6
3740-BLUE-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3740-BLUE-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3740-BLUE-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3740-BLUE-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3815-GRNR-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3816-GRNR-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3817-GRNR-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3818-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
3819-GRNR-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1.4	<0.2	<0.1	0.4	<2.0	-
3820-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
3821-GRNR-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3822-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3823-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3825-GRNR-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3826-GRNR-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3828-GRNR-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	-	-
3829-GRNR-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.2	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3829-GRNR-INF	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3829-GRNR-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3829-GRNR-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3829-GRNR-INF	4/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3829-GRNR-INF	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3829-GRNR-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3830-GRNR-INF	4/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.8	<0.2	<0.1	<0.3	<2.0	-
3831-GRNR-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3832-GRNR-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.4	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3833-GRNR-INF	4/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3833-GRNR-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3833-GRNR-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3833-GRNR-INF	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3833-GRNR-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3833-GRNR-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3833-GRNR-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3833-GRNR-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	-	-	-	-	-	-	-	-	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3835-GRNR-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3835-GRNR-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	5.9	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3835-GRNR-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3835-GRNR-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3835-GRNR-INF	12/20/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3835-GRNR-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3835-GRNR-INF	8/12/2009	<0.500	<0.500	<0.500	<0.500	<2.00	0.81	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3835-GRNR-INF	10/9/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	5.7
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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3835-GRNR-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3836-GRNR-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3836-GRNR-INF	11/25/2009	<2.00	<2.00	<2.00	<4.00	<10.0	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<10.0	<2.00	-	-	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	-	-
3837-GRNR-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	3.1	-
3837-GRNR-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	12/20/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.6	<0.1	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	1.6	<0.1	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	2.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	1.3	0.2	<0.2	<0.1	<0.3	<2.0	-
3837-GRNR-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	1.39	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3837-GRNR-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.00	1.31	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3837-GRNR-INF	10/23/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3837-GRNR-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.8
3837-GRNR-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3837-GRNR-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3837-GRNR-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3837-GRNR-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3840-GRNR-INF	4/17/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3904-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	4.1	<0.1	<0.4	<0.1	0.3	<0.1	<0.3	<2.0	-
3905-ROSE-INF	6/8/2007	<0.1	0.1	<0.1	<0.3	0.1	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.6	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3906-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	6.4	<0.1	<0.1	-	<0.1	<2.0	4.4	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3907-ROSE-INF	5/30/2007	<0.1	0.3	<0.1	<0.3	0.3	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.1	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3908-ROSE-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.5	<0.1	<0.2	<0.1	<0.3	<2.0	-
3909-ROSE-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3913-CHCR-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3913-ROSE-INF	6/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3914-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.2	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3915-CHCR-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3916-ROSE-INF	6/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3918-ROSE-INF	4/17/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3919-CHCR-INF	5/24/2007	<0.1	0.2	<0.1	<0.3	0.2	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3923-ROSE-INF (DUP)	1/10/2011	<0.500	<0.500	<0.500	<1.00	<2.50	686	-	<0.500	94.7	4.88	<0.500	-	6.34	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF (DUP)	7/13/2011	<0.5	<0.5	<0.5	<1	<3	11	-	<0.5	<2.5	2.52	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3923-ROSE-INF (DUP)	1/12/2012	<0.5	<0.5	<0.5	<1	<3	0.95	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	<0.5	<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	<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	<0.1	<0.2	<5.0	1.5	<0.1	-	4.9	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
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	<0.1	<0.2	<5.0	2.5	<0.1	-	0.5	<2.0	3.4	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3923-ROSE-INF	7/18/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<2.0	<4.0	360	5.7	<2.0	-	27	<40	<60	<2.0	<8.0	<2.0	4.4	<2.0	<6.0	<40	-
3923-ROSE-INF	8/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	4.2	<0.1	1.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3923-ROSE-INF	9/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	13	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	4.5	<0.1	<0.2	<0.1	<0.3	3.3	-
3923-ROSE-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	31	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3923-ROSE-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	100	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3923-ROSE-INF	12/19/2007	<2.5	<2.5	<2.5	<7.5	<15.0	2,600	<2.5	<5.0	1,200	12	<2.5	-	68	<50	<75	<2.5	<10	<2.5	8	<2.5	<7.5	<50	-
3923-ROSE-INF	1/23/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,200	<2.0	<4.0	930	10	<2.0	-	71	<40	<60	<2.0	<8.0	<2.0	<4.0	<2.0	<6.0	<40	-
3923-ROSE-INF	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	520	6.8	<1.0	-	45	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3923-ROSE-INF	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	400	5.8	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	4.7	<1.0	<3.0	<20	-
3923-ROSE-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	54	<0.1	<0.2	5.1	1	<0.1	-	0.6	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3923-ROSE-INF	5/5/2008	<0.1	<0.1	<0.1	<0.3	<0.6	6.5	<0.1	<0.2	<5.0	0.2	<0.1	-	0.1	<2.0	<10	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3923-ROSE-INF	6/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	7.3	<0.1	<0.2	<5.0	0.5	<0.1	-	<0.1	<2.0	4.3	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3923-ROSE-INF	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	320	<0.5	<1.0	32	3.2	<0.5	-	4	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3923-ROSE-INF	8/20/2008	<0.5	<0.5	<0.5	<1.5	<3.0	610	<0.5	<1.0	160	3.9	<0.5	-	16	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3923-ROSE-INF	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	<0.5	<1.0	420	6.8	<0.5	-	31	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3923-ROSE-INF	10/15/2008	<0.5	<0.5	<0.5	<1.5	<3.0	810	<0.5	<1.0	250	5.4	<0.5	-	24	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	4.9	<10	-
3923-ROSE-INF	11/19/2008	1	<0.5	<0.5	<1.5	1	2,200	<0.5	<1.0	1,100	15	<0.5	-	65	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3923-ROSE-INF	12/10/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,300	<2.0	<4.0	1,100	13	<2.0	-	62	<40	<60	<2.0	<8.0	<2.0	<4.0	<2.0	<6.0	<40	-
3923-ROSE-INF	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.00	613	-	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	642	-	<0.500	121	4.41	<0.500	10.4	10.9	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.00	631	-	-	149	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3923-ROSE-INF	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.00	503	-	<0.500	55.3	4.39	<0.500	<2.50	8.11	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF	3/18/2009	<0.500	<0.500	<0.500	<0.500	<2.00	1,480	-	<0.500	806	12.8	<0.500	66.8	38.1	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.00	2,600	-	<0.500	1,190	10.7	<0.500	48.5	40.2	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	48	-	<0.500	16.6	2	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.00	1,160	-	<0.500	230	7.44	<0.500	23.3	18.2	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.00	6.52	-	<0.500	<2.50	0.98	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.00	2.24	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.00	12.4	-	<0.500	<2.50	2.44	<0.500	<2.50	<0.500	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<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	<2.5	<0.5	-	-	-	-	-	-	<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	<2.5	<0.5	-	-	-	-	-	-	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	<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	-	<0.5	<2.5	<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	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3923-ROSE-POU	8/8/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3923-ROSE-POU	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.9
3923-ROSE-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3923-ROSE-POU	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3927-ROSE-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.1	<0.3	<2.0	-
3928-ROSE-INF	4/16/2007	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3930-ROSE-INF	5/30/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3931-ROSE-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3932-ROSE-INF	5/30/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3933-ROSE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3934-ROSE-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3936-ROSE-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.5	<0.1	<0.2	<0.1	<0.3	<2.0	-
3937-ROSE-INF	6/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3939-ROSE-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	3.8	-
3978-RYEL-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	0.2	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3978-RYEL-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	0.2	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	7.4	-
3978-RYEL-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3978-RYEL-INF	4/16/2008	<0.1	0.2	<0.1	<0.3	0.2	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3978-RYEL-INF	7/16/2008	<0.1	0.3	<0.1	<0.3	0.3	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3978-RYEL-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3979-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3979-FARM-POU	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3979-RYEL-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3980-RYEL-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1	<0.2	<0.1	<0.3	<2.0	-
3980-RYEL-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.8	<0.2	<0.1	<0.3	<2.0	-
3980-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1	<0.2	<0.1	<0.3	<2.0	-
3981-FARM-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3981-FARM-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3981-FARM-INF	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3981-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3981-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3981-FARM-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3981-RYEL-INF	5/21/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3982-RYEL-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3982-RYEL-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3982-RYEL-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
3982-RYEL-INF	4/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3982-RYEL-INF	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	7/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	4/16/2008	<0.1	0.4	<0.1	<0.3	0.4	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	0.2	<0.4	1	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3983-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<0.5	<0.5	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3983-FARM-INF	7/14/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3983-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3983-FARM-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3983-FARM-INF	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3983-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3983-FARM-POU	8/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3983-RYEL-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1.1	<0.2	<0.1	<0.3	<2.0	-
3984A-FARM-INF	10/10/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984A-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984A-FARM-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3984A-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	38	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	57	-
3984A-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3984A-FARM-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3984-FARM-INF	5/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	2/20/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3984-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3984-FARM-INF	7/19/2010	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3984-FARM-INF	1/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3984-FARM-INF	7/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3984-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3984-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3984-FARM-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3984-RYEL-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3984-RYEL-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3984-RYEL-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
3984-RYEL-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3985-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3985-FARM-INF	10/8/2007	<0.1	0.1	0.6	3.1	3.8	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3985-FARM-INF	11/13/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3985-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3985-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3985-FARM-INF	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3985-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3985-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.0
3985-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3985-FARM-INF	4/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	
3985-FARM-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3985-RYEL-INF	5/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3986-RYEL-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
3986-RYEL-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3986-RYEL-INF	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3986-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3986-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3986-RYEL-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3987-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	79	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	63	-
3987-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	2.7	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3987-FARM-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	4.8	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	2.8	-
3987-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3987-FARM-INF	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3987-FARM-INF	2/27/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3987-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3987-FARM-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	2.2	-
3987-FARM-INF	10/17/2008	<0.1	0.3	<0.1	<0.3	0.3	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	330	19	0.7	<0.4	1.4	<0.2	<0.1	<0.3	370	-
3987-FARM-INF	11/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	2,700	100	<0.1	11	0.1	<0.2	<0.1	<0.3	2,600	-
3987-FARM-INF	4/10/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.9
3987-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3987-FARM-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3987-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3987-FARM-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3987-RYEL-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	1	<0.2	<0.1	<0.3	<2.0	-
3988-RYEL-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3988-RYEL-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3988-RYEL-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3988-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3988-RYEL-INF	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF (DUP)	3/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3989-FARM-INF	5/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	11/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	2/20/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3989-FARM-INF	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.8
3989-FARM-INF	1/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3989-FARM-INF	5/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3989-FARM-POU	8/23/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3989-RYEL-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
3990-FARM-INF (DUP)	4/4/2011	<0.5	<0.5	<0.5	<1	<3	2,010	-	<0.5	326	7.73	<0.5	-	22.3	-	-	-	-	-	-	<0.5	<0.5	-	-
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	67 V8	25.8	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF (DUP)	4/18/2012	<0.5	<0.5	<0.5	<1	<3	622	-	<0.5	273	4.72	<0.5	19.1	9.95	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	5/1/2007	0.4	ND	ND	0.2	1	1,100	-	ND	590	6.2	ND	-	33	-	-	-	-	-	-	-	-	-	-
3990-FARM-INF	5/16/2007	<0.3	<0.3	<0.3	<0.8	<1.7	770	<0.3	<0.5	440	4.5	<0.3	-	25	33	21	<0.3	<1.0	<0.3	1.4	<0.3	<0.8	35	-
3990-FARM-INF	6/21/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	590	5.8	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3990-FARM-INF	7/18/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,500	<2.0	<4.0	720	5.7	<2.0	-	34	<40	<60	<2.0	<8.0	<2.0	4.9	<2.0	<6.0	<40	-
3990-FARM-INF	8/8/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	500	5.8	<1.0	-	44	<20	44	<1.0	<4.0	<1.0	2.7	<1.0	<3.0	<20	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3990-FARM-INF	9/26/2007	<2.0	<2.0	<2.0	<6.0	<12.0	950	<2.0	<4.0	470	4.7	<2.0	-	24	<40	<60	<2.0	<8.0	<2.0	5.1	<2.0	<6.0	<40	-
3990-FARM-INF	10/10/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<2.0	<4.0	560	5.9	<2.0	-	33	<40	<60	<2.0	<8.0	<2.0	5.2	<2.0	<6.0	<40	-
3990-FARM-INF	11/14/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	520	6.6	<1.0	-	36	<20	<30	<1.0	<4.0	<1.0	6.6	<1.0	<3.0	<20	-
3990-FARM-INF	12/19/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,300	<2.0	<4.0	730	6.5	<2.0	-	37	<40	<60	<2.0	<8.0	<2.0	<4.0	<2.0	<6.0	<40	-
3990-FARM-INF	1/23/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	530	5.4	<1.0	-	40	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3990-FARM-INF	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	610	5.7	<1.0	-	42	<20	<30	<1.0	<4.0	<1.0	2.2	<1.0	<3.0	<20	-
3990-FARM-INF	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	510	5.6	<1.0	-	38	<20	<30	<1.0	<4.0	<1.0	5.9	<1.0	<3.0	<20	-
3990-FARM-INF	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<1.0	<2.0	580	5.4	<1.0	-	28	<20	<30	<1.0	<4.0	<1.0	7	<1.0	<3.0	<20	-
3990-FARM-INF	5/21/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<1.0	<2.0	610	4.8	<1.0	-	30	<20	62	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3990-FARM-INF	6/26/2008	<5.0	<5.0	<5.0	<15	<30	1,100	<5.0	<10	540	<5.0	<5.0	-	28	<100	<150	<5.0	<20	<5.0	<10	<5.0	<15	<100	-
3990-FARM-INF	7/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	510	5.6	<1.0	-	29	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	39	-
3990-FARM-INF	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	520	4.7	<1.0	-	31	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	46	-
3990-FARM-INF	9/25/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,300	<0.5	<1.0	620	6.8	<0.5	-	36	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3990-FARM-INF	10/15/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	450	5.9	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3990-FARM-INF	11/19/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,900	<1.0	<2.0	770	9.3	<1.0	-	45	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3990-FARM-INF	12/11/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	620	7.6	<1.0	-	35	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
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	89.6	39.7	-	-	-	-	-	-	<0.500	<0.500	-	-
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	77.6	43.1	-	-	-	-	-	-	<0.500	<0.500	-	-
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	65.7	38.3	-	-	-	-	-	-	<0.500	<0.500	-	-
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	77	48.3	-	-	-	-	-	-	<0.500	<0.500	-	-
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	102	40.8	-	-	-	-	-	-	<0.500	<0.500	-	-
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	80.7	30.1	-	-	-	-	-	-	<0.500	<0.500	-	-
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	53	27.6	-	-	-	-	-	-	<0.500	<0.500	-	-
3990-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.00	1,050	-	<0.500	483	7.41	<0.500	45	24.4	-	-	-	-	-	-	<0.500	<0.500	-	-
3990-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.00	1,770	-	<0.500	350	8.39	<0.500	45.8	22	-	-	-	-	-	-	<0.500	<0.500	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	12/8/2010	<0.5	<0.5	<0.5	<1	<3	2,640	-	<0.5	579	13	<0.5	-	38.4	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	6/7/2011	<0.5	<0.5	<0.5	<1	<3	563	-	<0.5	308	6.38	<0.5	11	7.87	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	1,920	-	<0.5	1,830	9.77	<0.5	78.8 V8	31.3	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	8/19/2011	<0.5	<0.5	<0.5	<1	<3	588	-	<0.5	247	5.46	<0.5	34.4	15.6	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	9/27/2011	<0.5	<0.5	<0.5	<1	<3	722	-	<0.5	658	5.16	<0.5	49.1 V8	19	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	10/18/2011	<0.5	<0.5	<0.5	<1	<3	526	-	<0.5	262	4.77	<0.5	24.6	13.9	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	11/16/2011	<0.5	<0.5	<0.5	<1	<3	642 V8	-	<0.5	346	5.87	<0.5	17.8	12.3	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	568	-	<0.5	322	5.38	<0.5	30.4	16.6	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	4/18/2012	<0.5	<0.5	<0.5	<1	<3	554	-	<0.5	84.8 VH	4.75	<0.5	4.35	8.04	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	5/21/2012	<0.5	<0.5	<0.5	<1	<3	430	-	<0.5	102 VH	3.74	<0.5	10.8	7.96	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	6/14/2012	<0.5	<0.5	<0.5	<1	<3	510 QK	-	<0.5	306	4.59	<0.5	26.9	14.4	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	8/6/2012	<0.5	<0.5	<0.5	<1	<3	749	-	<0.5	396	5.01	<0.5	30.3	14.2	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	10/12/2012	<0.5	<0.5	<0.5	<1	<3	555	-	<0.5	223	<0.5	<0.5	20.8	13.6	-	-	-	-	-	-	<0.5	<0.5	-	5.6
3990-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	688	-	<0.5	309	5.01	<0.5	25.2	17.6	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	2/21/2013	<0.5	<0.5	<0.5	<1	<3	383 QK	-	<0.5	88.9	3.51	<0.5	6.73	6.89	-	-	-	-	-	-	<0.5	<0.5	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3990-FARM-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	305 QK	-	<0.5	79.3	3.01	<0.5	4.3	5.91	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	6/20/2013	<0.5	<0.5	<0.5	<1	<3	426 QK	-	<0.5	163	3.85	<0.5	14.1	8.36	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	619	-	<0.5	106	3.76	<0.5	6.41	7.01	-	-	-	-	-	-	<0.5	<0.5	-	-
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	6.22	6.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	11/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	333	-	<0.5	110	2.93	<0.500	9.36	6.51	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-INF	12/18/2013	<0.500	<0.500	<0.500	<1.00	<2.50	199	-	<0.5	134	3.81	<0.500	10.7	7.84	-	-	-	-	-	-	<0.5	<0.5	-	-
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	7.56	6.13	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	3.58	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	3.19	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	3.69	-	-	-	-	-	-	<0.500	<0.500	-	-
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	-	-	-	-	-	-	<0.1	<0.3	-	-
3990-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-POU	10/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.8
3990-FARM-POU	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-FARM-POU	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3990-RYEL-INF	5/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3990-RYEL-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3990-RYEL-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3990-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3990-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3990-RYEL-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3991-DAIS-INF	5/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.9	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	10/11/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	11/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3991-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3991-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3991-FARM-INF	4/18/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3991-FARM-INF	7/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.8
3991-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3991-FARM-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3991-FARM-POU	8/15/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3991-RYEL-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3992-DAIS-INF	5/23/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
3992-FARM-INF	5/15/2007	<1.0	<1.0	<1.0	<3.0	<6.0	710	<1.0	<2.0	360	3.6	<1.0	-	22	<20	<30	<1.0	<4.0	<1.0	3.3	<1.0	<3.0	<20	-
3992-FARM-INF	5/30/2007	<1.0	<1.0	<1.0	<3.0	<6.0	630	<1.0	<2.0	330	3	<1.0	-	16	23	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	29	-
3992-FARM-INF	6/13/2007	<1.0	<1.0	<1.0	<3.0	<6.0	640	<1.0	<2.0	110	3.8	<1.0	-	17	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3992-FARM-INF	7/18/2007	<1.0	<1.0	<1.0	<3.0	<6.0	930	<1.0	<2.0	440	4.6	<1.0	-	24	<20	<30	<1.0	<4.0	<1.0	3	<1.0	<3.0	<20	-
3992-FARM-INF	8/29/2007	<1.0	<1.0	<1.0	<3.0	<6.0	880	<1.0	<2.0	520	4.7	<1.0	-	25	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3992-FARM-INF	9/26/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.1	<0.2	500	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.7	<0.1	<0.2	<0.1	<0.3	<2.0	-
3992-FARM-INF	10/31/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	520	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3992-FARM-INF	11/7/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	8.4	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3992-FARM-INF	12/19/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	660	6.6	<1.0	-	37	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3992-FARM-INF	1/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	530	5.6	<1.0	-	43	<20	<30	<1.0	<4.0	<1.0	2.5	<1.0	<3.0	<20	-
3992-FARM-INF	2/13/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	500	4.5	<1.0	-	30	<20	<30	<1.0	<4.0	<1.0	2.7	<1.0	<3.0	<20	-
3992-FARM-INF	3/12/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	380	5	<1.0	-	26	<20	<30	<1.0	<4.0	<1.0	6.5	<1.0	<3.0	<20	-
3992-FARM-INF	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	780	<1.0	<2.0	490	4.7	<1.0	-	22	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3992-FARM-INF	5/5/2008	<1.0	<1.0	<1.0	<3.0	<6.0	850	<1.0	<2.0	390	4.1	<1.0	-	25	<20	<100	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3992-FARM-INF	6/18/2008	<0.3	<0.3	<0.3	<0.8	<1.7	500	<0.3	<0.5	270	3.3	<0.3	-	15	<5.0	26	<0.3	<1.0	<0.3	<0.5	<0.3	<0.8	<5.0	-
3992-FARM-INF	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	760	<0.5	<1.0	340	4.1	<0.5	-	19	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3992-FARM-INF	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	990	<1.0	<2.0	460	4.3	<1.0	-	25	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3992-FARM-INF	9/17/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,000	<1.0	<2.0	1,100	4.2	<1.0	-	24	20	120	2.4	<4.0	16	<2.0	<1.0	<3.0	<20	-
3992-FARM-INF	10/15/2008	<1.0	1.1	<1.0	<3.0	1.1	1,300	<1.0	<2.0	500	6.2	<1.0	-	33	<20	<30	<1.0	<4.0	1.1	<2.0	<1.0	10	<20	-
3992-FARM-INF	11/5/2008	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<0.1	<0.2	140	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	1	<0.1	<0.2	<0.1	<0.3	<2.0	-
3992-FARM-INF	12/10/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,400	<1.0	<2.0	900	8.2	<1.0	-	39	<20	37	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
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	92.8	31.4	-	-	-	-	-	-	<0.500	<0.500	-	-
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	75.6	31.8	-	-	-	-	-	-	<0.500	<0.500	-	-
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	56	31.3	-	-	-	-	-	-	<0.500	<0.500	-	-
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	73.6	35.9	-	-	-	-	-	-	<0.500	<0.500	-	-
3992-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	1,020	-	<0.500	413	7.07	<0.500	26.4	14.8	-	-	-	-	-	-	<0.500	<0.500	-	-
3992-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.00	1,110	-	<0.500	372	6.06	<0.500	31.1	16.8	-	-	-	-	-	-	<0.500	<0.500	-	-
3992-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.00	381	-	<0.500	15.6	3.57	<0.500	<2.50	6.5	-	-	-	-	-	-	<0.500	<0.500	-	-
3992-FARM-INF	4/12/2010	<0.500	<0.500	<0.500	<0.500	<2.00	536	-	<0.500	107	3.92	<0.500	6.05	7.87	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3992-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.00	1,280	-	<0.500	98.6	6.58	<0.500	14.3	13	-	-	-	-	-	-	<0.500	<0.500	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	7/26/2011	<0.5	<0.5	<0.5	<1	<3	778	-	<0.5	281	5.5	<0.5	16	13	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	8/19/2011	<0.5	<0.5	<0.5	<1	<3	649	-	<0.5	168	4.22	<0.5	21.8	9.61	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	10/18/2011	<0.5	<0.5	<0.5	<1	<3	374	-	<0.5	21.7	3.64	<0.5	<2.5	6.99	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	11/16/2011	<0.5	<0.5	<0.5	<1	<3	962 V8	-	<0.5	27.1	3.59	<0.5	<2.5	6.45	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	285	-	<0.5	14.2	3.83	<0.5	<2.5	6.43	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	1/25/2012	<0.5	<0.5	<0.5	<1	<3	323	-	<0.5	102	4.75	<0.5	3.84	4.33	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	4/3/2012	<0.5	<0.5	<0.5	<1	<3	241 QK	-	<0.5	12.4	3.28	<0.5	<2.5	3.3	-	-	-	-	-	-	<0.5	2.92	-	-
3992-FARM-INF	5/21/2012	<0.5	<0.5	<0.5	<1	<3	341	-	<0.5	53.8 VH	3.15	<0.5	4.06	4.86	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	6/13/2012	<0.5	<0.5	<0.5	<1	<3	323 QK	-	<0.5	129	3.1	<0.5	10.8	7.09	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	7/23/2012	<0.5	<0.5	<0.5	<1	<3	848	-	<0.5	371	5.78	<0.5	17.3	8.87	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	8/23/2012	<0.5	<0.5	<0.5	<1	<3	316	-	<0.5	30.4	3.3	<0.5	<2.5	5.17	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	10/17/2012	<0.5	<0.5	<0.5	<1	<3	817	-	<0.5	21	3.45	<0.5	<2.5	5.87	-	-	-	-	-	-	<0.5	<0.5	-	5.6
3992-FARM-INF	11/14/2012	<0.5	<0.5	<0.5	<1	<3	252 VH	-	<0.5	18.1	4.53	<0.5	<2.5	4.68	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	12/24/2012	<0.5	<0.5	<0.5	<1	<3	285 QK	-	<0.5	98.5	2.72	<0.5	7.18	6.64	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	475	-	<0.5	96.4	3.7	<0.5	4.76	10.4	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	2/20/2013	<0.5	<0.5	<0.5	<1	<3	219 QK	-	<0.5	10.1	3.19	<0.5	<2.5	3.37	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	3/27/2013	<0.5	<0.5	<0.5	<1	<3	95.9	-	<0.5	9.05	2.04	<0.5	<2.5	1.15	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	92.9	-	<0.5	11.2	1.34	<0.5	<2.5	1.08	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	6/20/2013	<0.5	<0.5	<0.5	<1	<3	133	-	<0.5	<2.5	1.12	<0.5	<2.5	1.99	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	7/24/2013	<0.5	<0.5	<0.5	<1	<3	343	-	<0.5	9.63	2.38	<0.5	<2.5	1.56	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-INF	8/14/2013	<0.500	<0.500	<0.500	<1.00	<2.50	339	-	<0.500	10	2.16	<0.500	<2.50	1.67	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	<0.50	-	-	-	-	-	-	<0.500	<0.500	-	-
3992-FARM-INF	10/23/2013	<1.00	<1.00	<1.00	<2.00	<5.00	145	-	<0.501	21	2.04	<1.00	<5.00	2.88	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	2.24	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.26	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.58	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	0.850	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	0.850	-	-	-	-	-	-	<0.500	<0.500	-	-
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	-	-	-	-	-	-	<0.1	<0.3	-	-
3992-FARM-POU	8/23/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-POU	10/17/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.7
3992-FARM-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-FARM-POU	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3992-RYEL-INF	5/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3992-RYEL-INF	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3992-RYEL-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
3992-RYEL-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.9	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3992-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	2.1	23	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3992-RYEL-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3992-RYEL-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3992-RYEL-POU	8/21/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3993-DAIS-INF	5/29/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3993-FARM-INF	4/24/2007	<0.1	<0.1	<0.1	<0.2	<0.5	0.8	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3993-FARM-INF	7/27/2007	<0.1	0.1	<0.1	<0.3	0.1	1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	0.4	<2.0	-
3993-FARM-INF	10/8/2007	<0.1	0.2	<0.1	<0.3	0.2	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3993-FARM-INF	11/14/2007	<0.1	0.1	<0.1	<0.3	0.1	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3993-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3993-FARM-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3993-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3993-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.6	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3993-FARM-INF	4/16/2008	<0.1	0.1	<0.1	<0.3	0.1	0.5	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3993-FARM-INF	10/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3993-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.6
3993-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3993-FARM-INF	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3993-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3993-FARM-INF	10/17/2013	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	
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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3993-FARM-POU	8/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-DAIS-INF	6/18/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3994-FARM-INF (DUP)	10/25/2010	<0.500	<0.500	<0.500	<1.00	<2.50	938 V8	-	<0.500	481 V8	5.40 V8	<0.500	-	15.7	-	-	-	-	-	-	<0.500	<0.500	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<1.0	<2.0	340	3.2	<1.0	-	18	71	<30	<1.0	<4.0	<1.0	4.6	<1.0	<3.0	60	-
3994-FARM-INF	5/16/2007	<0.5	<0.5	<0.5	<1.5	<3.0	1,000	<0.5	<1.0	540	4.6	<0.5	-	28	14	25	<0.5	<2.0	<0.5	2	<0.5	<1.5	12	-
3994-FARM-INF	6/13/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<2.0	<4.0	560	4.9	<2.0	-	31	<40	<60	<2.0	<8.0	<2.0	<4.0	<2.0	<6.0	<40	-
3994-FARM-INF	7/2/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,200	<2.0	<4.0	630	4.8	<2.0	-	30	<40	<60	<2.0	<8.0	<2.0	5.9	<2.0	<6.0	<40	-
3994-FARM-INF	8/8/2007	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	420	4.3	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3994-FARM-INF	9/26/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<2.0	<4.0	680	4.6	<2.0	-	27	<40	<60	<2.0	<8.0	<2.0	6.1	<2.0	<6.0	<40	-
3994-FARM-INF	10/12/2007	<2.0	<2.0	<2.0	<6.0	<12.0	1,100	<2.0	<4.0	590	4.5	<2.0	-	26	<40	<60	<2.0	<8.0	<2.0	5.1	<2.0	<6.0	<40	-
3994-FARM-INF	11/14/2007	<1.0	<1.0	<1.0	<3.0	<6.0	930	<1.0	<2.0	430	4.6	<1.0	-	25	<20	<30	<1.0	<4.0	<1.0	8.7	<1.0	<3.0	<20	-
3994-FARM-INF	12/19/2007	<1.0	<1.0	<1.0	<3.0	<6.0	850	<1.0	<2.0	490	4	<1.0	-	23	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3994-FARM-INF	1/23/2008	<0.5	<0.5	<0.5	<1.5	<3.0	750	<0.5	<1.0	330	2.7	<0.5	-	20	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3994-FARM-INF	2/13/2008	<0.5	<0.5	<0.5	<1.5	<3.0	670	<0.5	<1.0	370	2.7	<0.5	-	19	<10	<15	<0.5	<2.0	<0.5	1.6	<0.5	<1.5	<10	-
3994-FARM-INF	3/12/2008	<0.5	<0.5	<0.5	<1.5	<3.0	610	<0.5	<1.0	250	2.4	<0.5	-	16	<10	<15	<0.5	<2.0	<0.5	1.4	<0.5	<1.5	<10	-
3994-FARM-INF	4/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	360	<1.0	<2.0	260	2	<1.0	-	9.7	<20	<30	<1.0	<4.0	<1.0	5.6	<1.0	<3.0	<20	-
3994-FARM-INF	5/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	240	<0.1	<0.2	130	1.7	<0.1	-	6.5	<2.0	14	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3994-FARM-INF	6/26/2008	<1.0	<1.0	<1.0	<3.0	<6.0	790	<1.0	<2.0	480	4	<1.0	-	21	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3994-FARM-INF	7/16/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,200	<1.0	<2.0	580	5.9	<1.0	-	28	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3994-FARM-INF	8/20/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,100	<1.0	<2.0	640	4.2	<1.0	-	27	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3994-FARM-INF	9/17/2008	<1.0	<1.0	<1.0	<3.0	<6.0	920	<1.0	<2.0	710	5.7	<1.0	-	26	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3994-FARM-INF	10/15/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	570	6.2	<1.0	-	33	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	11	<20	-
3994-FARM-INF	11/19/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,600	<1.0	<2.0	1,200	8.3	<1.0	-	38	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3994-FARM-INF	12/11/2008	<1.0	<1.0	<1.0	<3.0	<6.0	1,300	<1.0	<2.0	810	6.4	<1.0	-	28	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
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	68.7	20.2	-	-	-	-	-	-	<0.500	<0.500	-	-
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	65.5	26.9	-	-	-	-	-	-	<0.500	<0.500	-	-
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	49.5	22.1	-	-	-	-	-	-	<0.500	<0.500	-	-
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	60.2	24.8	-	-	-	-	-	-	<0.500	<0.500	-	-
3994-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	861	-	<0.500	660	8.14	<0.500	65.4	22	-	-	-	-	-	-	<0.500	<0.500	-	-
3994-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.00	988	-	<0.500	389	4.87	<0.500	37	14.8	-	-	-	-	-	-	<0.500	<0.500	-	-
3994-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.00	578	-	<0.500	195	4.08	<0.500	12.8	10.5	-	-	-	-	-	-	<0.500	<0.500	-	-
3994-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.00	970	-	<0.500	438	7.4	<0.500	29.9	18.5	-	-	-	-	-	-	<0.500	<0.500	-	-
3994-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.00	878	-	<0.500	284	8.08	<0.500	39.8	16.5	-	-	-	-	-	-	<0.500	<0.500	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	6/7/2011	<0.5	<0.5	<0.5	<1	<3	368	-	<0.5	112	5.09	<0.5	3.78	4.52	-	-	-	-	-	-	<0.5	<0.5	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3994-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	745	-	<0.5	481 V8	5.37	<0.5	24.4 V8	12	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	9/8/2011	<0.5	<0.5	<0.5	<1	<3	607	-	<0.5	248	4.02	<0.5	20	12.2	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	9/27/2011	<0.5	<0.5	<0.5	<1	<3	303	-	<0.5	36.4	2.11	<0.5	<2.5	5.52	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	10/20/2011	<0.5	<0.5	<0.5	<1	<3	328	-	<0.5	35.9	2.34	<0.5	<2.5	5.79	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	709	-	<0.5	96	3.28	<0.5	7.39	7.41	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	1/13/2012	<0.5	<0.5	<0.5	<1	<3	664	-	<0.5	42.3	3.26	<0.5	<2.5	4.07	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	4/3/2012	<0.5	<0.5	<0.5	<1	<3	217 QK	-	<0.5	14.5	2.78	<0.5	<2.5	3.06	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	5/21/2012	<0.5	<0.5	<0.5	<1	<3	256	-	<0.5	73.5 VH	2.37	<0.5	6.94	4.33	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	6/18/2012	<0.5	<0.5	<0.5	<1	<3	174 QK	-	<0.5	33.5	1.82	<0.5	<2.5	3.54	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	8/6/2012	<0.5	<0.5	<0.5	<1	<3	284	-	<0.5	110	3.1	<0.5	<2.5	5.89	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<0.500	<2.50	2.89	-	-	-	-	-	-	<0.500	<0.500	-	-
3994-FARM-INF	10/3/2012	<0.5	<0.5	<0.5	<1	<3	173 QK	-	<0.5	40.2	<0.5	<0.5	<2.5	4.01	-	-	-	-	-	-	<0.5	<0.5	-	5.5
3994-FARM-INF	12/13/2012	<0.5	46.8	<0.5	<1	47	206 QK	-	<0.5	107	2.08	<0.5	8.82	4.57	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	1/17/2013	<0.5	1.86	<0.5	<1	2	339	-	<0.5	104	2.08	<0.5	7.45	5.52	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	2/21/2013	<0.5	1.11	<0.5	<1	1	150 QK	-	<0.5	38	2.91	<0.5	<2.5	2.3	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	3/19/2013	<0.5	<0.5	<0.5	<1	<3	108 QK	-	<0.5	30.8	1.94	<0.5	<2.5	1.88	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	5/23/2013	<0.5	<0.5	<0.5	<1	<3	112	-	<0.5	28.7	<0.5	<0.5	<2.5	2.16	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	6/20/2013	<0.5	<0.5	<0.5	<1	<3	110 QK	-	<0.5	16.8	<0.5	<0.5	<2.5	1.87	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	269	-	<0.5	41.6	1.78	<0.5	<2.5	2.49	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-INF	8/15/2013	<0.500	<0.500	<0.500	<1.00	<2.50	296	-	<0.500	19	1.5	<0.500	<2.50	1.87	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.86	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.82	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.64	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.57	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.12	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.54	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	1.08	-	-	-	-	-	-	<0.500	<0.500	-	-
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	-	-	-	-	-	-	<0.1	<0.3	-	-
3994-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-POU	10/3/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.2
3994-FARM-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-FARM-POU	5/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3994-RYEL-INF	4/5/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3994-RYEL-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3994-RYEL-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3994-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3994-RYEL-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3994-RYEL-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3994-RYEL-INF	1/25/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3994-RYEL-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3995-DAIS-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	10/12/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	12/19/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	4/14/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.2	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	3.3	-
3995-FARM-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	0.2	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-
3995-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3995-FARM-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3995-FARM-INF	1/11/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3995-FARM-INF	4/18/2012	<0.5	4.32	<0.5	<1	4	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.7
3995-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3995-FARM-INF	5/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3995-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3995-FARM-POU	8/15/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3995-RYEL-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3996-DAIS-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3996-FARM-INF (DUP)	10/26/2010	<0.5	<0.5	<0.5	<1	<3	10.5	-	<0.5	<2.5	1.7	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<2.5	1.12	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<2.5	1.28	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF (DUP)	7/23/2013	<0.5	<0.5	<0.5	<1	<3	48.7	-	<0.5	21	0.56	<0.5	<2.5	0.76	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<2.50	0.58	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	4/16/2007	0.2	<0.1	<0.1	<0.3	0.2	370	<0.1	<0.2	260	2	<0.1	-	12	<2.0	27	<0.1	<0.4	0.1	0.6	0.3	<0.3	<2.0	-
3996-FARM-INF	5/3/2007	<0.5	<0.5	<0.5	<1.5	<3.0	430	<0.5	<1.0	250	1.9	<0.5	-	12	29	21	<0.5	<2.0	<0.5	1.5	<0.5	<1.5	25	-
3996-FARM-INF	6/13/2007	<0.5	<0.5	<0.5	<1.5	<3.0	360	<0.5	<1.0	220	1.9	<0.5	-	11	<10	15	<0.5	<2.0	<0.5	1	<0.5	<1.5	<10	-
3996-FARM-INF	7/18/2007	<1.0	<1.0	<1.0	<3.0	<6.0	390	<1.0	<2.0	230	1.6	<1.0	-	9.3	<20	<30	<1.0	<4.0	<1.0	2.8	<1.0	<3.0	<20	-
3996-FARM-INF	8/8/2007	<0.4	<0.4	<0.4	<1.2	<2.4	320	<0.4	<0.8	190	1.6	<0.4	-	9.3	<8.0	25	<0.4	<1.6	<0.4	1	<0.4	<1.2	<8.0	-
3996-FARM-INF	9/27/2007	<0.4	<0.4	<0.4	<1.2	<2.4	330	<0.4	<0.8	220	1.6	<0.4	-	8.6	<8.0	<12	<0.4	<1.6	<0.4	1	<0.4	<1.2	<8.0	-
3996-FARM-INF	10/12/2007	<0.5	<0.5	<0.5	<1.5	<3.0	250	<0.5	<1.0	180	1.4	<0.5	-	7.6	<10	<15	<0.5	<2.0	<0.5	2.7	<0.5	<1.5	<10	-
3996-FARM-INF	11/14/2007	<0.3	<0.3	<0.3	<0.8	<1.7	240	<0.3	<0.5	140	1.1	<0.3	-	6.2	<5.0	<7.5	<0.3	<1.0	<0.3	1.4	<0.3	<0.8	<5.0	-
3996-FARM-INF	12/19/2007	<0.2	<0.2	<0.2	<0.6	<1.2	230	<0.2	<0.4	140	1.3	<0.2	-	6.5	<4.0	7.8	<0.2	<0.8	<0.2	<0.4	<0.2	<0.6	4.5	-
3996-FARM-INF	2/13/2008	0.1	<0.1	<0.1	<0.3	0.1	220	<0.1	<0.2	110	0.9	<0.1	-	5.8	<2.0	12	<0.1	<0.4	<0.1	<0.2	0.2	<0.3	5.9	-
3996-FARM-INF	3/25/2008	0.1	<0.1	<0.1	<0.3	0.1	160	<0.1	<0.2	100	0.9	<0.1	-	5.3	<2.0	22	<0.1	<0.4	<0.1	0.3	0.2	<0.3	3.5	-
3996-FARM-INF	4/16/2008	<0.2	<0.2	<0.2	<0.6	<1.2	150	<0.2	<0.4	99	0.8	<0.2	-	4.2	<4.0	8.3	<0.2	<0.8	<0.2	0.7	<0.2	<0.6	4.6	-
3996-FARM-INF	5/21/2008	0.1	<0.1	<0.1	<0.3	0.1	180	<0.1	<0.2	130	1.1	<0.1	-	6.2	<2.0	54	<0.1	<0.4	<0.1	0.3	0.2	<0.3	6.1	-
3996-FARM-INF	6/18/2008	<0.3	<0.3	<0.3	<0.8	<1.7	310	<0.3	<0.5	230	1.7	<0.3	-	9	<5.0	100	<0.3	<1.0	<0.3	0.7	<0.3	<0.8	<5.0	-
3996-FARM-INF	7/23/2008	<0.5	<0.5	<0.5	<1.5	<3.0	350	<0.5	<1.0	220	1.7	<0.5	-	8.4	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3996-FARM-INF	8/20/2008	0.3	<0.1	<0.1	<0.3	0.3	380	<0.1	<0.2	240	1.9	<0.1	-	10	3.5	21	<0.1	<0.4	<0.1	<0.2	0.2	<0.3	<2.0	-
3996-FARM-INF	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	290	<0.5	<1.0	180	1.6	<0.5	-	6.6	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3996-FARM-INF	10/15/2008	0.3	<0.3	<0.3	<0.8	0.3	370	<0.3	<0.5	220	1.9	<0.3	-	9.4	<5.0	20	<0.3	<1.0	<0.3	<0.5	<0.3	<0.8	<5.0	-
3996-FARM-INF	11/19/2008	<0.3	<0.3	<0.3	<0.8	<1.7	360	<0.3	<0.5	260	1.9	<0.3	-	7.9	<5.0	12	<0.3	<1.0	<0.3	<0.5	<0.3	<0.8	<5.0	-
3996-FARM-INF	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.00	276	-	-	91.7	1.63	<0.500	3.06	5.23	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	289	-	<0.500	107	1.56	<0.500	7.29	4.97	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.00	379	-	-	104	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3996-FARM-INF	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.00	208	-	<0.500	17	1.35	<0.500	<2.50	3.39	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	3/18/2009	<0.500	<0.500	<0.500	<0.500	<2.00	222	-	<0.500	22.3	1.75	<0.500	<2.50	2.66	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	4/8/2009	<0.500	<0.500	<0.500	<0.500	<2.00	182	-	<0.500	7.35	1.35	<0.500	<2.50	2	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	242	-	<0.500	32.5	2.33	<0.500	<2.50	2.58	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	10/8/2009	<0.500	<0.500	<0.500	<0.500	<2.00	23.7	-	<0.500	<2.50	1.1	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	1/14/2010	<0.500	<0.500	<0.500	<0.500	<2.00	38.3	-	<0.500	8.7	2.08	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-FARM-INF	4/16/2010	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	29.9	-	<0.500	<2.50	2.3	<0.500	<2.50	<0.500	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<2.5	<0.5	-	-	-	-	-	-	<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	<2.5	3.1 V8	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	9/27/2011	<0.5	<0.5	<0.5	<1	<3	142 L1	-	<0.5	180	1.18	<0.5	12.3 V8	3.4	-	-	-	-	-	-	<0.5	<0.5	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3996-FARM-INF	11/11/2011	<0.5	0.5	<0.5	<1	1	212	-	<0.5	103	<0.5	<0.5	9.27	3.87	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	12/8/2011	<0.5	<0.5	<0.5	<1	<3	199	-	<0.5	105	1.69	<0.5	11.6	4.29	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	2/16/2012	<0.5	<0.5	<0.5	<1	<3	192	-	<0.5	39.4 VH	1.26	<0.5	<2.5	2.76	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	4/4/2012	<0.5	<0.5	<0.5	<1	<3	104	-	<0.5	35.6	1.25	<0.5	<2.5	1.53	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	6/14/2012	<0.5	<0.5	<0.5	<1	<3	84.8	-	<0.5	48.3	0.89	<0.5	<2.5	1.77	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	8/8/2012	<0.5	<0.5	<0.5	<1	<3	103	-	<0.5	62.7	1.16	<0.5	<2.5	2.16	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	10/4/2012	<0.5	<0.5	<0.5	<1	<3	52.6	-	<0.5	29.4	<0.5	<0.5	2.97	0.87	-	-	-	-	-	-	<0.5	<0.5	-	5.6
3996-FARM-INF	1/17/2013	<0.5	<0.5	<0.5	<1	<3	68.9	-	<0.5	40	<0.5	<0.5	<2.5	1.52	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	4/24/2013	<0.5	<0.5	<0.5	<1	<3	61.5	-	<0.5	31.6	<0.5	<0.5	<2.5	0.73	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-INF	7/23/2013	<0.5	<0.5	<0.5	<1	<3	48.6	-	<0.5	20.4	0.6	<0.5	<2.5	0.79	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<5.00	<1.00	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<2.50	0.55	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	0.55	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	0.55	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<2.50	<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	<2.50	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3996-FARM-POU	8/8/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-POU	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	39.2	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.5
3996-FARM-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-FARM-POU	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3996-RYEL-INF	4/5/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3996-RYEL-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3996-RYEL-INF	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3996-RYEL-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3996-RYEL-INF	7/17/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3996-RYEL-POU	8/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3997-DAIS-INF	5/29/2007	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
3997-FARM-INF (DUP)	1/12/2011	<0.500	<0.500	<0.500	<1.00	<2.50	1,670	-	<0.500	341	10.1	<0.500	-	27.3	-	-	-	-	-	-	<0.500	<0.500	-	-
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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3997-FARM-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	14	<0.1	<0.2	<5.0	1.9	<0.1	-	0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
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	<0.1	<0.2	19	2.7	<0.1	-	2.2	<2.0	4.4	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3997-FARM-INF	7/17/2007	<1.0	<1.0	<1.0	<3.0	<6.0	710	<1.0	<2.0	300	5.8	<1.0	-	20	<20	<30	<1.0	<4.0	<1.0	5.7	<1.0	<3.0	<20	-
3997-FARM-INF	8/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	0.3	<0.1	<0.3	<2.0	-
3997-FARM-INF	9/26/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	340	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
3997-FARM-INF	10/10/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	490	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.5	<0.1	<0.2	<0.1	<0.3	<2.0	-
3997-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	820	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3997-FARM-INF	12/19/2007	1.1	<1.0	<1.0	<3.0	1.1	3,300	<1.0	<2.0	1,500	18	<1.0	-	100	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3997-FARM-INF	1/16/2008	<2.0	<2.0	<2.0	<6.0	<12.0	2,700	<2.0	<4.0	1,000	13	<2.0	-	93	<40	<60	<2.0	<8.0	<2.0	5.2	<2.0	<6.0	<40	-
3997-FARM-INF	2/13/2008	<0.5	<0.5	<0.5	<1.5	<3.0	640	<0.5	<1.0	210	4	<0.5	-	18	<10	<15	<0.5	<2.0	<0.5	1.6	<0.5	<1.5	<10	-
3997-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	130	<0.1	<0.2	7.4	1.6	<0.1	-	3.5	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3997-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	110	<0.1	<0.2	24	1.4	<0.1	-	2.3	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3997-FARM-INF	5/21/2008	<0.1	<0.1	<0.1	<0.3	<0.6	130	<0.1	<0.2	18	1.5	<0.1	-	3.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3997-FARM-INF	6/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	56	<0.1	<0.2	13	0.9	<0.1	-	1	<2.0	3.9	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3997-FARM-INF	7/16/2008	<0.5	<0.5	<0.5	<1.5	<3.0	460	<0.5	<1.0	77	4.2	<0.5	-	8.2	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3997-FARM-INF	8/20/2008	<0.5	<0.5	<0.5	<1.5	<3.0	690	<0.5	<1.0	200	4.8	<0.5	-	20	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3997-FARM-INF	9/17/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	<0.5	<1.0	400	7	<0.5	-	30	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3997-FARM-INF	10/15/2008	<0.5	<0.5	<0.5	<1.5	<3.0	1,100	<0.5	<1.0	400	6.4	<0.5	-	33	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3997-FARM-INF	11/19/2008	0.9	<0.5	<0.5	<1.5	0.9	2,100	<0.5	<1.0	980	14	<0.5	-	63	<10	<15	<0.5	<2.0	<0.5	<1.0	<0.5	<1.5	<10	-
3997-FARM-INF	12/10/2008	1.4	<1.0	<1.0	<3.0	1.4	2,800	<1.0	<2.0	1,500	16	<1.0	-	80	<20	<30	<1.0	<4.0	<1.0	<2.0	<1.0	<3.0	<20	-
3997-FARM-INF	12/29/2008	<0.500	<0.500	<0.500	<0.500	<2.00	500	-	-	66.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-INF	1/14/2009	<0.500	<0.500	<0.500	<0.500	<2.00	493	-	<0.500	79.2	3	<0.500	<2.50	8.95	-	-	-	-	-	-	<0.500	<0.500	-	-
3997-FARM-INF	1/30/2009	<0.500	<0.500	<0.500	<0.500	<2.00	426	-	-	61.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3997-FARM-INF	2/11/2009	<0.500	<0.500	<0.500	<0.500	<2.00	1,110	-	<0.500	274	7.7	<0.500	26.4	23.3	-	-	-	-	-	-	<0.500	<0.500	-	-
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	87.1	53.3	-	-	-	-	-	-	<0.500	<0.500	-	-
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	94.7	61.8	-	-	-	-	-	-	<0.500	<0.500	-	-
3997-FARM-INF	7/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	136	-	<0.500	21.5	3.04	<0.500	<2.50	1.89	-	-	-	-	-	-	<0.500	<0.500	-	-
3997-FARM-INF	10/7/2009	<0.500	<0.500	<0.500	<0.500	<2.00	608	-	<0.500	93.1	6.49	<0.500	8.45	8.22	-	-	-	-	-	-	<0.500	<0.500	-	-
3997-FARM-INF	1/13/2010	<0.500	<0.500	<0.500	<0.500	<2.00	21.5	-	<0.500	<2.50	1.35	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3997-FARM-INF	4/14/2010	<0.500	<0.500	<0.500	<0.500	<2.00	6.87	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3997-FARM-INF	7/21/2010	<0.500	<0.500	<0.500	<0.500	<2.00	20.5	-	<0.500	<2.50	<0.500	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<0.5	<0.5	-	-
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	-	-	-	-	-	-	<0.5	<0.5	-	-
3997-FARM-INF	7/12/2011	<0.5	<0.5	<0.5	<1	<3	34.3	-	<0.5	<2.5	3.88	<0.5	<2.5	<0.5	-	-	-	-	-	-	<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	<2.5	0.76	-	-	-	-	-	-	<0.5	<0.5	-	-
3997-FARM-INF	9/30/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3997-FARM-INF	10/19/2011	<0.5	<0.5	<0.5	<1	<3	7.68	-	<0.5	<2.5	1.15	<0.5	<2.5	<0.5	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	<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	-	<0.5	<2.5	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3997-FARM-POU	8/6/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3997-FARM-POU	10/4/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	5.8
3997-FARM-POU	1/17/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3997-FARM-POU	4/24/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3997-RYEL-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.7	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	11/14/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	1/25/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	2/13/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	3/12/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	7/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	1.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.2	<0.2	<0.1	<0.3	<2.0	-
3998-FARM-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	6.0
3998-FARM-INF	1/16/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3998-FARM-INF	4/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3998-FARM-INF	7/23/2013	<0.5	20.3	<0.5	<1	20	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
3998-FARM-INF	9/3/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	-	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
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	<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	<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	<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	<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	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
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	-	-	-	-	-	-	<0.1	<0.3	-	-
3998-FARM-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
3998-RYEL-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-RYEL-INF	7/27/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.3	<0.3	<2.0	-
3998-RYEL-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.8	<0.3	<2.0	-
3998-RYEL-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.1	<0.3	<2.0	-
3998-RYEL-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-RYEL-INF	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
3998-RYEL-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	0.1	<0.3	<2.0	-
3998-RYEL-INF	1/15/2009	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	<2.00	<0.500	-	<0.500	<2.50	<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	-	-	-	-	-	-	<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	<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	<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	<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	<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	<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	<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	<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	-	-	-	-	-	-	<0.1	<0.3	-	-
3998-RYEL-POU	8/14/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	-	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	-	-	-	-	-	-	<0.500	<0.500	-	-
4002-CORN-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.9	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
11703-FNGR-INF	7/2/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
11711-FNGR-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
11711-SRNC-INF	4/16/2007	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	-	<0.2	<5	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-	-	-
11712-SRNC-INF	4/16/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-
11713-SRNC-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	6.9	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
11892-BRLY-INF	5/3/2007	<0.1	0.2	<0.1	<0.3	0.2	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	2.3	<2.0	-
11892-BRLY-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
11892-BRLY-INF	4/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
11892-BRLY-INF	7/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
11892-BRLY-INF	10/15/2008	<0.1	<0.1	<0.1	<0.3	<0.6	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	<0.1	<0.2	<0.1	<0.3	<2.0	-
11894-BRLY-INF	5/3/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-
11894-BRLY-INF	10/9/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
11894-BRLY-INF	1/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.5	<0.2	<0.1	<0.3	<2.0	-
11894-BRLY-INF	4/18/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-
11894-BRLY-INF	7/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.6	<0.2	<0.1	<0.3	<2.0	-
11894-BRLY-INF	10/15/2008	<0.1	0.1	<0.1	<0.3	0.1	<0.1	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
11896-BRLY-INF	5/24/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
11896-BRLY-INF	10/8/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
11896-BRLY-INF	1/23/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.3	<0.2	<0.1	<0.3	<2.0	-
11896-BRLY-INF	4/16/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.2	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	0.4	0.4	<0.2	<0.1	<0.3	<2.0	-
11896-BRLY-INF	7/24/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.4	<0.2	<0.1	<0.3	<2.0	-

Table 8

HISTORICAL RESIDENTIAL POTABLE WELL DATA SUMMARY- VOC PARAMETERS

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

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Isopropyl Benzene (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	Diisopropyl ether (µg/L)	ethyl tert-butyl ether (µg/L)	tert-amyl alcohol (µg/L)	tert-amyl methyl ether (µg/L)	2-Butanone (MEK) (µg/L)	Acetone (µg/L)	Bromodichloro-methane (µg/L)	Carbon disulfide (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	cis-1, 2-Dichloroethene (µg/L)	Methylene Chloride (µg/L)	Tetrahydrofuran (µg/L)	Well pH
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**66**	**0.65**	**NA**	**NA**	**NA**	**NA**	**NA**	**700**	**550**	**80**	**100**	**80**	**19**	**70**	**5**	**NA**	**NA**
11896-BRLY-INF	10/17/2008	<0.1	<0.1	<0.1	<0.3	<0.6	0.3	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	3.1	<0.1	2.6	0.4	<0.2	<0.1	<0.3	<2.0	-
11902-FNGR-INF	3/16/2007	<0.5	<0.5	<0.5	<1.0	<2.5	<0.5	-	<0.5	<5.0	-	<0.5	<5.0	<0.5	-	-	-	-	-	-	-	-	-	-
11902-FNGR-INF	4/6/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.8	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.7	<0.2	<0.1	<0.3	<2.0	-
11906-FNGR-INF	4/25/2007	<0.1	<0.1	<0.1	<0.3	<0.6	0.4	<0.1	<0.2	<5.0	<0.1	<0.1	-	<0.1	<2.0	<3.0	<0.1	<0.4	0.1	<0.2	<0.1	<0.3	<2.0	-

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

INF = Influent sample location
POU = Point-of-use sample location
<# = Less than the method detection limit of #
µg/L = Micrograms/Liter
2b = The spike recovery was outside acceptance limits for the MS and/or MSD.
12G = Laboratory Control Sampling (LCS) value was outside the Quality Control (QC) range. Data accepted based on acceptable check standard.
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.
L1 = This result was above the calibration range; therefore it is an estimated value.
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), that houses the station.
April 2006:	Mr. Arshad Ranjha, doing business as Saaba Corporation, registered as the new UST owner.
May 24, 2006:	An *Assessment for the Emergency Regulations Compliance Report* was submitted to the MDE, detailing the soil boring event, the monitoring well installation, groundwater sampling, sampling of the onsite potable wells, and a sensitive receptor survey.
July 7, 2006:	The MDE responded to the *Assessment Report,* and required semi-annual sampling of the monitoring wells, the tank field wells, and the Site's supply wells, and submittal of boring logs for the onsite drinking water supply wells and the bedrock monitoring wells.
September 19, 2006:	MTBE was detected in a blended influent sample from the GVP's supply wells at a concentration of 42 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 of which were petroleum-impacted, were removed from the Site. Soil vapor point SV-3 and tank field wells TF-1 and TF-2 were destroyed during UST removal activities. Site surface water discharge was reconfigured during Site upgrade activities.
August 2008:	A new UST system, consisting of two 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST and one 4,000-gallon diesel UST, was installed at the Site. SVE piping was installed, connected to the tank field monitoring wells.
August 2008:	Water treatment permit was approved for modifications to the GVP supply well.
August 22, 2008:	A *UST System Closure Report* was submitted to the MDE.
September 2008:	A POET system was installed on the GVP water supply.
September 16, 2008:	A *Hydrogeologic Investigation Update Report and Work Plan* was submitted to the MDE, and included results of the down-hole geophysical well testing. The Work Plan proposed the installation of monitoring wells within the open boreholes of monitoring wells MW-5 through MW-8, installation of additional shallow monitoring wells, additional SVE testing, modifications to the potable well sampling plan, and preparation of an updated SCM.

HISTORICAL ACTIVITY SUMMARY (Continued):

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

HISTORICAL ACTIVITY SUMMARY (Continued):

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

HISTORICAL ACTIVITY SUMMARY (Continued):

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

HISTORICAL ACTIVITY SUMMARY (Continued):

April 2, 2012:	An *ISCO Injection Well Installation Work Plan* was submitted to the MDE.
May 5, 2012:	An *ISCO System Operation Report* was submitted to the MDE.
May 21-30, 2012:	Completion of a rock coring and hydraulic pressure testing investigation and the construction of injection well IW-4.
May 31-June 5, 2012:	Injection well IW-4 trenching, system connections, development and testing were completed, followed by the well being added to the injection well network for ISCO system operation.
June 25, 2012:	An *ISCO System Operation Report* was submitted to the MDE.
July 31, 2012:	The MDE requested that the ISCO system be shut down at the site pending further groundwater sampling.
August 1, 2012:	The ISCO system was deactivated.
August 1, 2012:	GES received from the MDE a *Modification to the Corrective Action Plan* letter.
August 3, 2012:	GES sent a letter to the MDE in response to the *Modification to the Corrective Action Plan* letter received.
August 9-23 and September 4, 2012:	GES emailed laboratory analytical results to the MDE that included hexavalent and chromium data.
August 31, 2012:	Monitoring well slug testing conducted at select monitoring wells.
September 12, 2012:	GES received from the MDE an email requesting additional information regarding lead analysis.
September 18, 2012:	GES received from the MDE an email regarding remediation system equipment removal.
September 21, 2012:	Carroll sent 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.

APPENDIX B

Low Flow Sampling Data Sheets

Groundwater Sampling Data Collection Sheet

Well ID:	MW-11		Site ID:	Carroll - Monrovia	Sample Date: 1-30-15
Initial DTW / Time:			Address:	11791 Fingerboard Road	
Well Diameter:	4"	*Sample Method (cicle one)*		Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s):	Jeff Plummer	
Water Column Length:		Purge/sample	Weather Conditions:	Sunny 35°	
Pump Intake depth:		Grab/No Pruge	Air Temp =		

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
0918	45.70	Just prior to lowering any equipment into well								
		14.66	0.258	8.94	5.70	168.2				
0935	45.47	After lowering equipment into the well & before turning on the pump								
0935	Purge Start Time									
0940	46.17	13.61	0.257	12.22	5.66	113.6				
0945	46.50	14.40	0.256	11.74	5.62	115.1				
0950	46.76	14.51	0.256	11.40	5.61	118.7				
0955	46.91	14.38	0.256	11.12	5.61	122.0				
1000	47.02	14.57	0.256	10.94	5.60	124.7		3 gallons-clear		
1005	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
- ± 10% for dissolved oxygen

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-9		Site ID:	Carroll - Monrovia	Sample Date: 1-30-15
Initial DTW / Time:			Address:	11791 Fingerboard Road	
Well Diameter:	4"	Sample Method (cicle one)		Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s):	Jeff Plummer	
Water Column Length:		Purge/sample	Weather Conditions:	Sunny 35°	
Pump Intake depth:		Grab/No Pruge	Air Temp =		

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
1020	50.51	Just prior to lowering any equipment into well								
		13.87	0.546	8.31	5.22	154.3				
1030	50.44	After lowering equipment into the well & before turning on the pump								
1030	Purge Start Time									
1035	50.66	11.11	0.570	11.35	5.16	160.7				
1040	50.70	13.66	0.568	9.80	5.05	159.0				
1045	50.71	13.88	0.570	9.40	5.03	162.1				
1050	50.71	13.86	0.570	9.09	5.03	164.9				
1055	50.72	13.83	0.571	8.87	5.02	168.1		2 1/2 gallons	clear	
1100	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
- ± 10% for dissolved oxygen

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-16	Site ID:	Carroll - Monrovia	Sample Date: 1-30-15
Initial DTW / Time:		Address:	11791 Fingerboard Road	
Well Diameter:	4"	Sample Method (cicle one)	Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s): Jeff Plummer	
Water Column Length:		Purge/sample	Weather Conditions: Sunny 35°	
Pump Intake depth:		Grab/No Pruge	Air Temp =	

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	mS/cm Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
1115	51.80	Just prior to lowering any equipment into well									
		14.03	0.636	7.63	5.07	195.1					
1125	51.80	After lowering equipment into the well & before turning on the pump									
1125	Purge Start Time										
1130	51.80	13.40	0.728	7.87	5.14	200.0					
1135	51.80	13.89	0.737	7.81	5.13	198.2					
1140	51.80	14.02	0.726	7.73	5.11	199.9					
1145	51.80	14.06	0.719	7.75	5.07	203.9					
1150	51.80	14.01	0.711	7.67	5.07	207.9			3 1/2 gallons	clear	
1155	Sample Collection Time										
	Purge Stop Time										

Data Collection: Purge and Sample / Grab Sampling

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

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

4 cycles/min 10 sec fill/5 sec discharge

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

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-10		Site ID:	Carroll - Monrovia	Sample Date: 1-30-15
Initial DTW / Time:			Address:	11791 Fingerboard Road	
Well Diameter:	4"	*Sample Method (cicle one)*		Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s):	Jeff Plummer	
Water Column Length:		Purge/sample	Weather Conditions:	windy - light snow	
Pump Intake depth:		Grab/No Pruge	Air Temp =	35°	

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)	Turbidity (Unit)	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1210	53.66	Just prior to lowering any equipment into well									
		13.90	0.648	5.70	5.12	242.7					
1220	53.66	After lowering equipment into the well & before turning on the pump									
1220	Purge Start Time										
1225	53.68	9.72	0.746	11.55	5.26	241.3					
1230	53.68	13.06	0.797	7.19	5.15	243.3					
1235	53.68	13.59	0.806	6.84	5.13	244.0					
1240	53.68	13.62	0.808	6.18	5.13	245.0					
1245	53.68	13.80	0.805	5.85	5.13	246.0					
1250	53.68	14.02	0.804	5.70	5.13	246.8					
1255	53.68	14.08	0.804	5.55	5.13	248.0			2 1/2 gallons - clear		
1300	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)	Turbidity (____Unit)	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
- ± 10% for dissolved oxygen

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-8		Site ID:	Carroll - Monrovia	Sample Date: 1-28-15
Initial DTW / Time:	58.94/0933		Address:	11791 Fingerboard Road	
Well Diameter:	4"	*Sample Method (cicle one)*		Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney, Danielle Rice	
Water Column Length:		Purge/sample	Weather Conditions:		
Pump Intake depth:		Grab/No Pruge	Air Temp =		

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	Turbidity Unit	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
0933	58.94	Just prior to lowering any equipment into well									
		15.31	0.137	9.15	5.26	149.1					
1000	58.77	After lowering equipment into the well & before turning on the pump									
1005	Purge Start Time										
1010	59.35	14.93	0.399	5.30	5.26	168.0					
1015	59.97	15.47	0.296	8.16	5.19	160.8					
1020	60.54	15.45	0.226	9.70	5.18	162.0					
1025	61.11	15.47	0.173	9.73	5.19	163.9					
1030	61.71	15.52	0.160	9.72	5.18	168.5					
	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	Turbidity ____Unit	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):

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

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-15D		Site ID:	Carroll - Monrovia	Sample Date: 1-28-15
Initial DTW / Time:	59.91/1314		Address:	11791 Fingerboard Road	
Well Diameter:	4"	*Sample Method (cicle one)*		Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney, Danielle Rice	
Water Column Length:		Purge/sample	Weather Conditions:		
Pump Intake depth:		Grab/No Pruge	Air Temp =		

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	Turbidity Unit	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1314	59.91	Just prior to lowering any equipment into well									
		15.49	0.561	6.66	5.76	158.4					
1336	59.91	After lowering equipment into the well & before turning on the pump									
1340		Purge Start Time									
1415	59.97	14.59	0.524	7.35	5.91	166.4					
1420	59.99	14.99	0.530	7.01	5.88	160.3					
1425	60.00	15.00	0.530	6.86	5.87	159.7					
	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	Turbidity ____Unit	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):

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

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-18D		Site ID:	Carroll - Monrovia	Sample Date: 1-28-15
Initial DTW / Time:	~~1500~~ 14.07/1500		Address:	11791 Fingerboard Road	
Well Diameter:	2"	*Sample Method (cicle one)*		Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Kheney, Danelle Rice	
Water Column Length:		Purge/sample	Weather Conditions:		
Pump Intake depth:		Grab/No Pruge	Air Temp =		

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
1500	14.07	Just prior to lowering any equipment into well									
		16.39	5.292	4.80	8.59	165.1					
1511	14.12	After lowering equipment into the well & before turning on the pump									
1520	Purge Start Time										
1525	15.33	15.42	2.413	1.18	7.76	142.4					
1530	20.70	15.44	2.379	0.55	7.63	143.0					
1535											
1540	29.76	15.46	2.514	0.41	7.58	142.7					
1545	36.65	15.42	2.539	0.45	7.57	141.7					
1550	40.04	15.39	2.593	0.59	7.57	141.3					
	Sample Collection Time										
	Purge Stop Time										

Data Collection: Purge and Sample / Grab Sampling

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

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

Stabilization is achieved when three successive readings are within

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

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-12	Site ID:	Carroll - Monrovia	Sample Date: 1-28-15
Initial DTW / Time:	42.35/1614	Address:	11791 Fingerboard Road	
Well Diameter:	4"	*Sample Method (cicle one)*	Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s): Lindsay Reeney, Danielle Rice	
Water Column Length:		Purge/sample	Weather Conditions:	
Pump Intake depth:		Grab/No Pruge	Air Temp =	

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
1614	42.35	Just prior to lowering any equipment into well									
		15.54	1.614	8.17	5.75	179.5					
1621	42.35	After lowering equipment into the well & before turning on the pump									
1630	Purge Start Time										
1635	42.67	14.65	1.253	7.72	6.53	112.2					
1640	43.31	15.24	1.273	6.75	6.16	116.0					
1645	43.90	15.29	1.273	6.86	6.07	119.6					
1650	44.42	15.31	1.257	6.95	6.03	122.6					
	Sample Collection Time										
	Purge Stop Time										

Data Collection: Purge and Sample / Grab Sampling

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

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

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

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-5	Site ID:	Carroll - Monrovia	Sample Date: 1-29-15
Initial DTW / Time:		Address:	11791 Fingerboard Road	
Well Diameter:		*Sample Method (cicle one)*	Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s): D. Rice	
Water Column Length:		Purge/sample	Weather Conditions:	
Pump Intake depth:		Grab/No Pruge	Air Temp =	

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								
		15.36	1.164	7.75	4.97	195.4				
1040	56.51	After lowering equipment into the well & before turning on the pump								
1040	Purge Start Time									
	~~56.92~~	Problem w equipment								
1110	56.92	13.25	1.085	9.38	4.96	204.1				
1115	56.84	14.67	1.081	8.76	4.94	207.1				
1120	56.78	15.04	1.078	8.36	4.92	208.1				
1125	56.62	14.73	1.076	8.31	4.91	215.5				
1130	56.52	14.80	1.092	8.24	4.91	221.0				
1135	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):

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

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-13	Site ID:	Carroll - Monrovia	Sample Date: 1-27-14	
Initial DTW / Time:	59.26 / 1335	Address:	11791 Fingerboard Road		
Well Diameter:		Sample Method (cicle one)	Monrovia, MD		
Total Well Depth:		Low Flow	Sampling Tech(s): Danielle Rice, Lindsay Varney		
Water Column Length:		Purge/sample	Weather Conditions:		
Pump Intake depth:		Grab/No Pruge	Air Temp =		

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
1335	59.26	Just prior to lowering any equipment into well									
		15.26	0.808	4.46	5.16	115.7					
1505	59.40	After lowering equipment into the well & before turning on the pump									
1510	Purge Start Time										
1515	59.41	13.80	0.969	6.83	5.09	123.1					
1520	59.51	15.01	0.790	6.21	5.02	131.2					
1525	59.53	15.11	0.788	6.41	5.01	138.5					
1530	54.45	14.73	0.778	6.55	5.02	143.3					
	Sample Collection Time										
	Purge Stop Time										

Data Collection: Purge and Sample / Grab Sampling

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

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

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

Purge Volumes:

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

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

Groundwater Sampling Data Collection Sheet

GES

Well ID:	MW-1	Site ID:	Carroll - Monrovia
Initial DTW / Time:	48.24/1330	Address:	11791 Fingerboard Road
Well Diameter:	2"		Monrovia, MD
Total Well Depth:		Sample Method (cicle one)	Low Flow
Water Column Length:			Purge/sample
Pump Intake depth:			Grab/No Pruge

Sample Date: 1-27-15

Sampling Tech(s): Lindsay Keeney, Pete Reichardt

Weather Conditions:

Air Temp =

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Turbidity	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		Unit	Unit	Unit	NA	Unit	Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10					
1330	48.24	Just prior to lowering any equipment into well									
		15.36	0.459	7.27	5.12	136.3					
1634	48.31	After lowering equipment into the well & before turning on the pump									
1635	Purge Start Time										
1640	49.35	14.30	0.499	6.77	5.17	167.9		1402/min			
1645	50.52	14.75	0.474	7.65	5.09	162.0					
1650	51.55	14.94	0.448	7.55	5.04	161.9					
1655	52.30	14.95	0.461	7.55	5.02	163.7					
	Sample Collection Time										
	Purge Stop Time										

Data Collection: Purge and Sample / Grab Sampling

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

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

probe 12' off bottom

Stabilization is achieved when three successive readings are within

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

Purge Volumes:

2-inch diameter well:

0.16 gal./ft x _____ (linear feet of water) = gallons of water

4-inch diameter well:

0.65 gal./ft x _____ (linear feet of water) = gallons of water

Groundwater Sampling Data Collection Sheet

PSID #528443

GES

Well ID:	MW-7		Site ID:	Carroll - Monrovia	Sample Date: 2-12-15
Initial DTW / Time:			Address:	11791 Fingerboard Road	
Well Diameter:	4"	Sample Method (cicle one)		Monrovia, MD	
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 =	30°	

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
0750	59.86	Just prior to lowering any equipment into well								
		15.17	0.796	5.42	5.88	189.1				
0803	59.86	After lowering equipment into the well & before turning on the pump								
0803	Purge Start Time									
0808	59.89	9.88	0.765	10.26	6.09	177.4				
0813	59.99	14.77	0.760	7.82	5.84	174.3				
0818	60.02	14.96	0.753	6.59	5.82	179.2				
0823	60.03	15.03	0.749	6.23	5.80	171.9				
0828	60.02	15.03	0.746	5.98	5.79	169.8				
0833	60.03	15.04	0.743	5.86	5.77	168.0		3 gallons-clear		
0840	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
- ± 10% for dissolved oxygen

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-14S	Site ID:	Carroll - Monrovia	Sample Date: 2-12-15
Initial DTW / Time:		Address:	11791 Fingerboard Road	
Well Diameter:	4"	Sample Method (cicle one)	Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s): Jeff Plummer	
Water Column Length:		Purge/sample	Weather Conditions: light snow	
Pump Intake depth:		Grab/No Pruge	Air Temp = 32°	

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
0928	52.72	Just prior to lowering any equipment into well								
		14.43	0.755	5.53	5.75	142.4				
0942	52.71	After lowering equipment into the well & before turning on the pump								
0942	Purge Start Time									
0947	52.77	13.98	0.916	7.61	6.01	137.1				
0952	52.77	14.04	0.912	6.56	5.93	124.9				
0957	52.77	14.09	0.915	6.06	5.96	117.9				
1002	52.77	14.20	0.908	5.67	5.88	117.7				
1007	52.77	14.24	0.906	5.41	5.84	117.9		3 gallons	clear	
1015	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./calibration info):

4 cycles/min 10 sec fill / 5 sec discharge

Stabilization is achieved when three successive readings are within

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

Purge Volumes:

2-inch diameter well:

0.16 gal./ft x _____ (linear feet of water) = gallons of water

4-inch diameter well:

0.65 gal./ft x _____ (linear feet of water) = gallons of water

Groundwater Sampling Data Collection Sheet

Well ID:	MW-14D		Site ID:	Carroll - Monrovia	Sample Date: 2-12-15
Initial DTW / Time:			Address:	11791 Fingerboard Road	
Well Diameter:	4"	Sample Method (cicle one)		Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s):	Jeff Plummer	
Water Column Length:		Purge/sample	Weather Conditions:	light snow	
Pump Intake depth:		Grab/No Pruge	Air Temp =	32°	

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	Turbidity Unit	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1020	54.54	Just prior to lowering any equipment into well									
		14.56	0.336	5.04	7.35	73.8					
1030	53.19	After lowering equipment into the well & before turning on the pump									
1030	Purge Start Time										
1035	54.68	13.95	0.411	1.47	8.13	-114.0					
1040	55.69	14.13	0.412	0.95	8.64	-130.7					
1045	56.83	14.19	0.411	0.68	8.66	-133.5					
1050	57.82	14.16	0.407	0.53	8.60	-132.6					
1055	58.88	14.12	0.406	0.44	8.52	-131.9					
1100	59.90	14.05	0.403	0.39	8.51	-127.3					
1105	60.85	13.99	0.401	0.30	8.46	-123.1					
1110	61.48	13.94	0.401	0.38	8.43	-121.3					
1115	62.23	13.93	0.400	0.51	8.37	-114.0					
1120	62.70	13.87	0.400	0.56	8.38	-115.1			7 gallons	-clear	
1125	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	Turbidity ____ Unit	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
- ± 10% for dissolved oxygen

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-17		Site ID:	Carroll - Monrovia	Sample Date: 2-12-15
Initial DTW / Time:			Address:	11791 Fingerboard Road	
Well Diameter:	4"	*Sample Method (cicle one)*		Monrovia, MD	
Total Well Depth:		Low Flow	Sampling Tech(s):	Jeff Plummer	
Water Column Length:		Purge/sample	Weather Conditions:	overcast	
Pump Intake depth:		Grab/No Pruge	Air Temp =	35°	

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	Turbidity Unit	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1135	54.28	Just prior to lowering any equipment into well									
		14.47	0.815	3.43	5.86	86.7					
1150	54.28	After lowering equipment into the well & before turning on the pump									
1150	Purge Start Time										
1155	54.28	12.84	0.795	4.47	5.71	65.7					
1200	54.28	13.77	0.810	3.34	5.87	72.6					
1205	54.28	13.99	0.813	3.18	5.85	76.3					
1210	54.28	14.04	0.814	3.18	5.84	80.0					
1215	54.28	14.04	0.815	3.18	5.84	81.9			13½ 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	Turbidity ____Unit	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
- ± 10% for dissolved oxygen

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-185-R	Site ID:	Carroll - Monrovia	Sample Date:	2-12-15
Initial DTW / Time:		Address:	11791 Fingerboard Road		
Well Diameter:	4"	Sample Method (cicle one)	Monrovia, MD		
Total Well Depth:		Low Flow	Sampling Tech(s): Jeff Plummer		
Water Column Length:		Purge/sample	Weather Conditions: overcast		
Pump Intake depth:		Grab/No Pruge	Air Temp = 35°		

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	Turbidity Unit	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1255	59.53	Just prior to lowering any equipment into well									
		1522	0.675	5.11	5.69	121.5					
1310	59.53	After lowering equipment into the well & before turning on the pump									
1310	Purge Start Time										
1315	59.54	12.13	0.648	5.51	6.24	111.4					
1320	59.55	12.34	0.646	2.60	6.41	68.9	→ air line came off-reconnected.				
1325	59.58	14.74	0.618	4.99	6.11	86.5					
1330	59.58	15.10	0.599	5.80	6.04	97.5					
1335	59.58	14.93	0.591	6.04	6.04	99.5					
1340	59.60	14.88	0.595	6.15	6.00	100.3					
1345	59.60	14.92	0.600	5.99	5.96	100.6			3½ gallons - muddy		
~~1350~~											
1350	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	Turbidity ____Unit	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
- ± 10% for dissolved oxygen

Purge Volumes:

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

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-18S		Site ID:	Carroll-Monrovia	Sample Date: 2-12-15
Initial DTW / Time:			Address:	11791 Fingerboard Rd. Monrovia Md.	
Well Diameter:	2"	Sample Method (cicle one)			
Total Well Depth:		Low Flow	Sampling Tech(s):	Jeff Plumper	
Water Column Length:		Purge/sample	Weather Conditions:	overcast	
Pump Intake depth:		Grab/No Pruge	Air Temp (°F) =	35°	

Data Collection: Low Flow

Time	DTW	Temp (°C) ± 0.3 °C	Conductivity (mS/cm) ± 3%	D.O. (mg/L) ± 10%	pH ± 0.1	ORP (mV) ± 10	Flow Rate (mL/min)	Cumulative Purge Volume	Appearance of Purge Water	Comment
1405	59.78	Just prior to lowering any equipment into well								
1420	59.19	After lowering equipment into the well & before turning on the pump								
1420	Purge Start Time									
1425	61.87	14.11	5.664	8.70	12.23	-41.7				
1430	63.53	14.56	4.723	8.62	12.08	-42.0				
1435	Obst 63.77	14.71	4.282	8.51	11.98	-38.7				
1440	Obst 63.77	14.63	4.718	8.54	12.03	-35.8		1 3/4 gallon	cloudy	
1445	Sample Collection Time									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

Time	DTW	pH	Conductivity (mS/cm)	D.O. (mg/L)	Temp (°C)	ORP (mV)	Flow Rate (mL/min)	Cumulative Purge Volume	Appearance of Purge Water	Method of Purging
Down-well:		Just prior to lowering any equipment into well								
		12.23	5.633	8.72	15.43	-57.6				
	Sample Collection Time			Note: Unless otherwise stated, field parameters collected during purge and sample or grab sampling were collected from the well with a sonde before purging or sampling.						

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

4 cycles min 10 sec fill / 5 sec discharge

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

Purge Volumes:

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

APPENDIX C

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

Fairway Laboratories ID Numbers:
4K03036
4K07109
4K19072
4K19075
4K19076
4K19117
4K21093
4K21094
4K21095

Lancaster Laboratories ID Numbers:
506014
509284

APPENDIX D

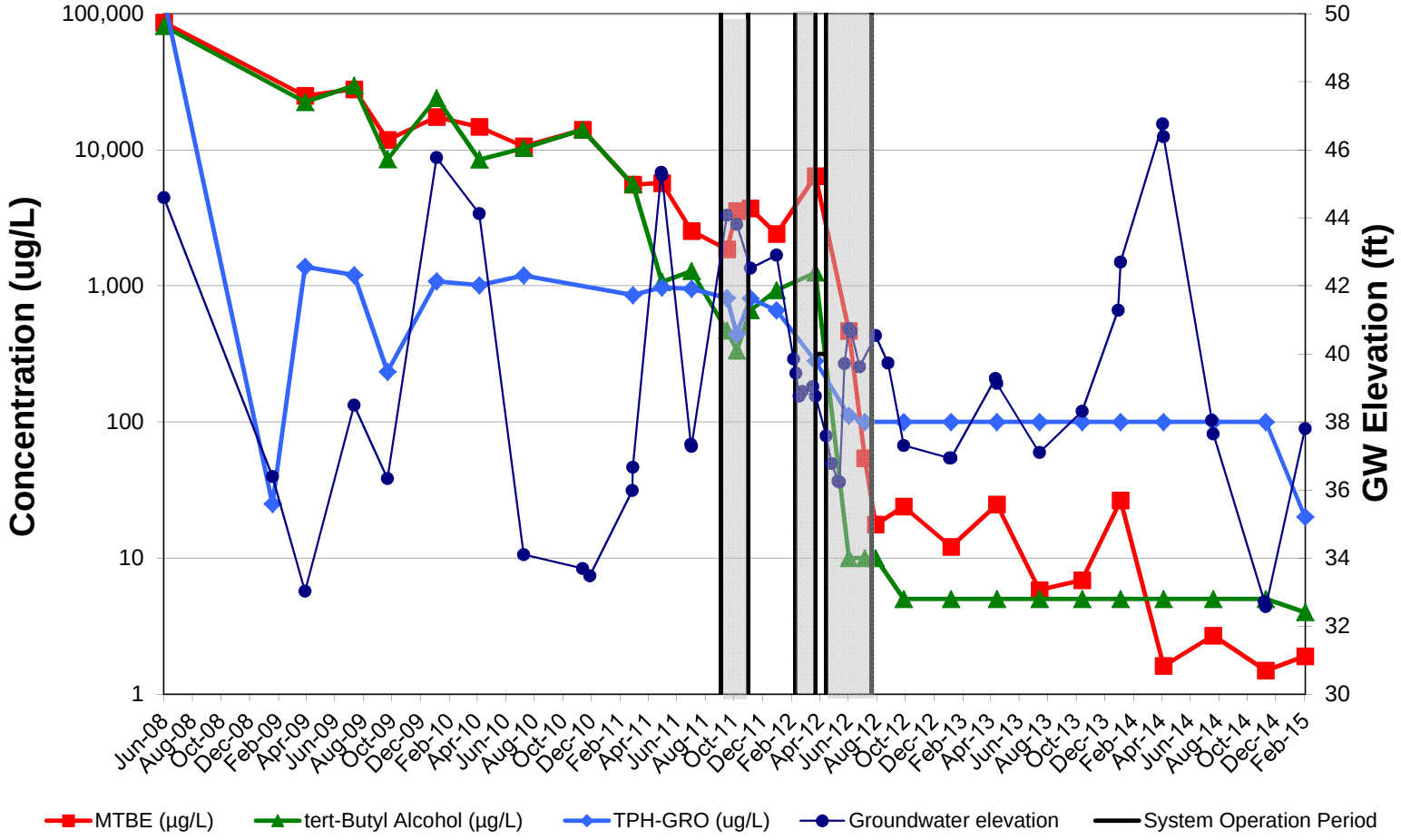
Groundwater Monitoring Graphs

.

GROUNDWATER MONITORING GRAPHS

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

MW-7

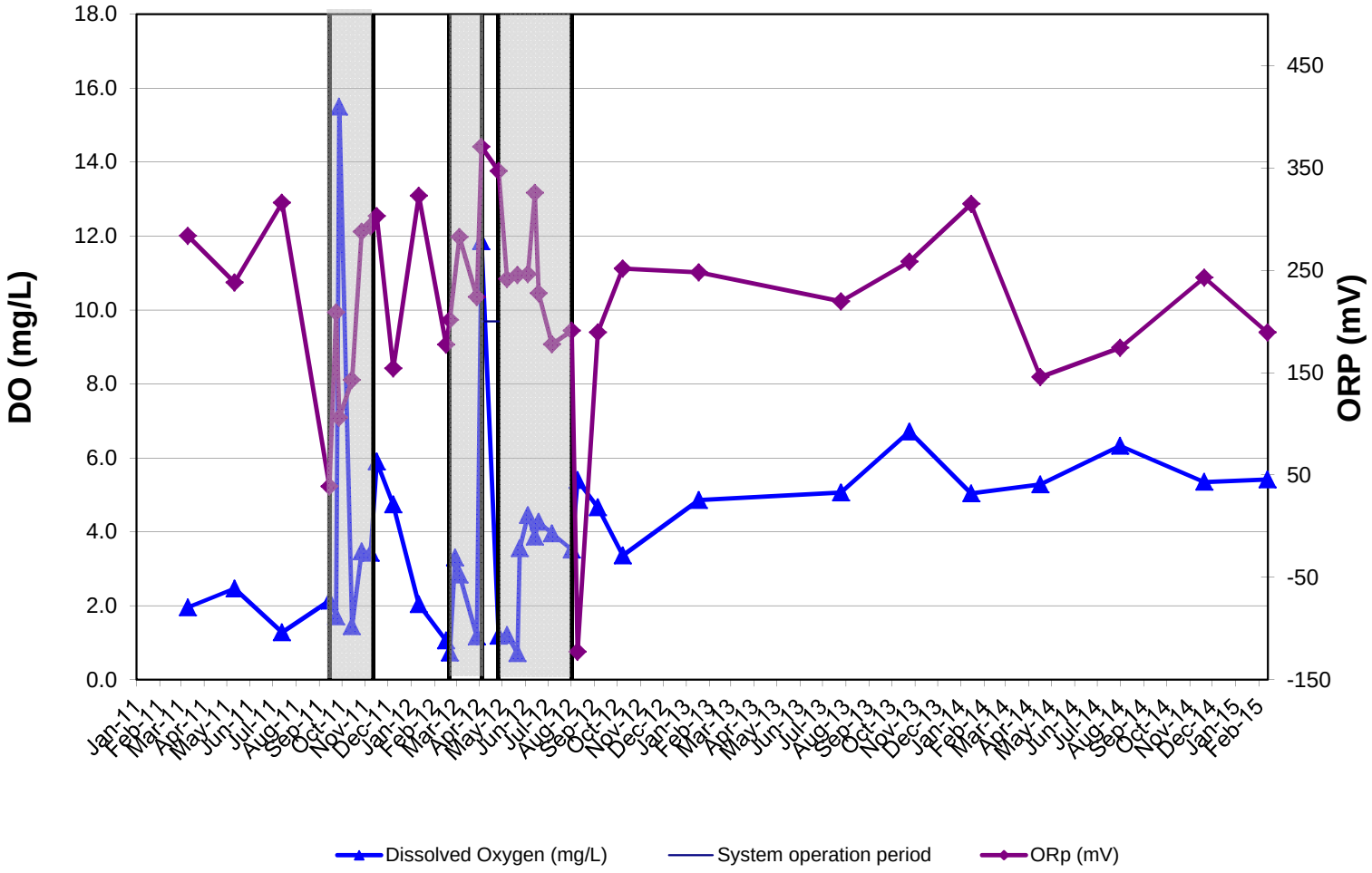


Appendix D

GROUNDWATER MONITORING GRAPHS

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

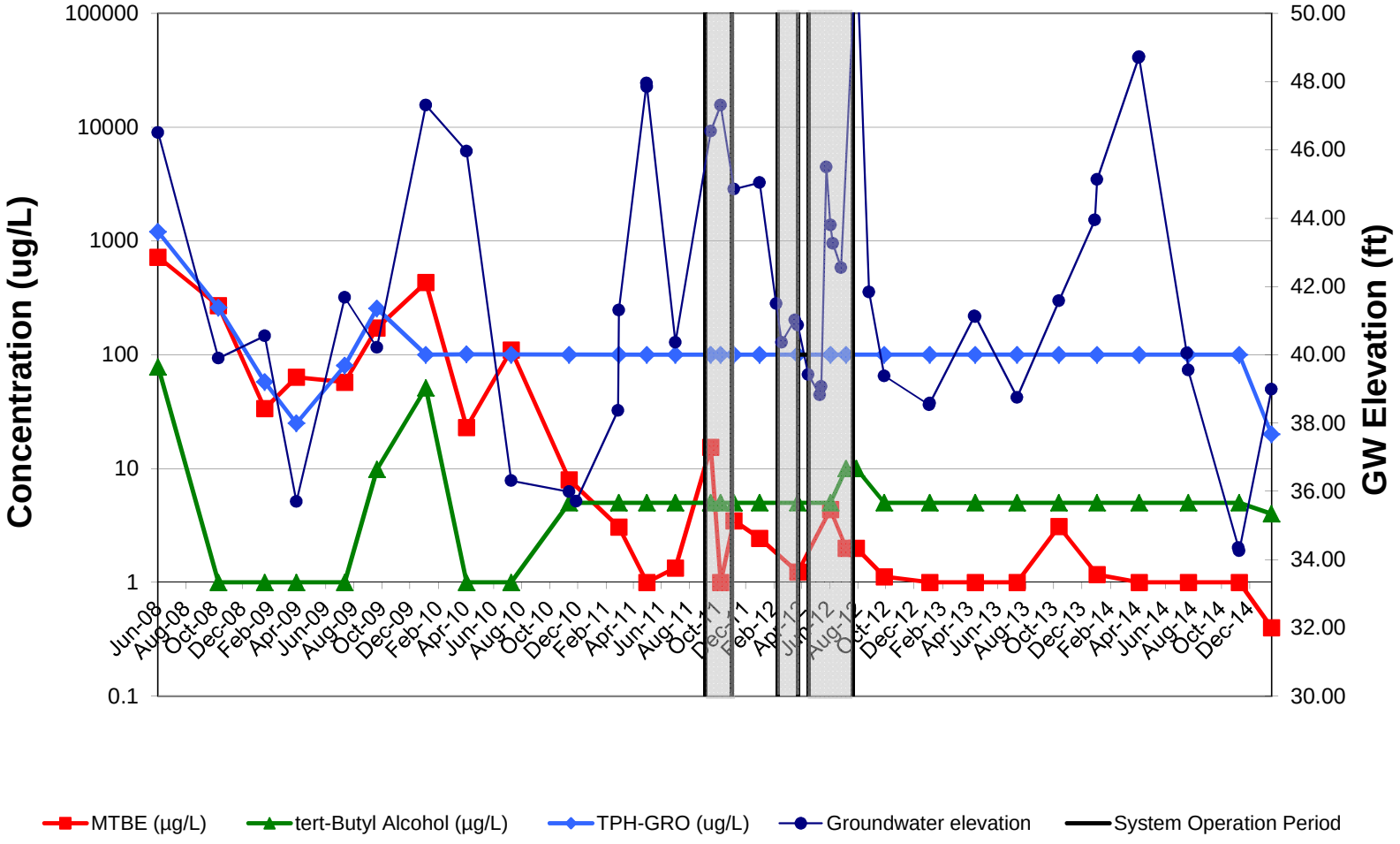
MW-7



GROUNDWATER MONITORING GRAPHS

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

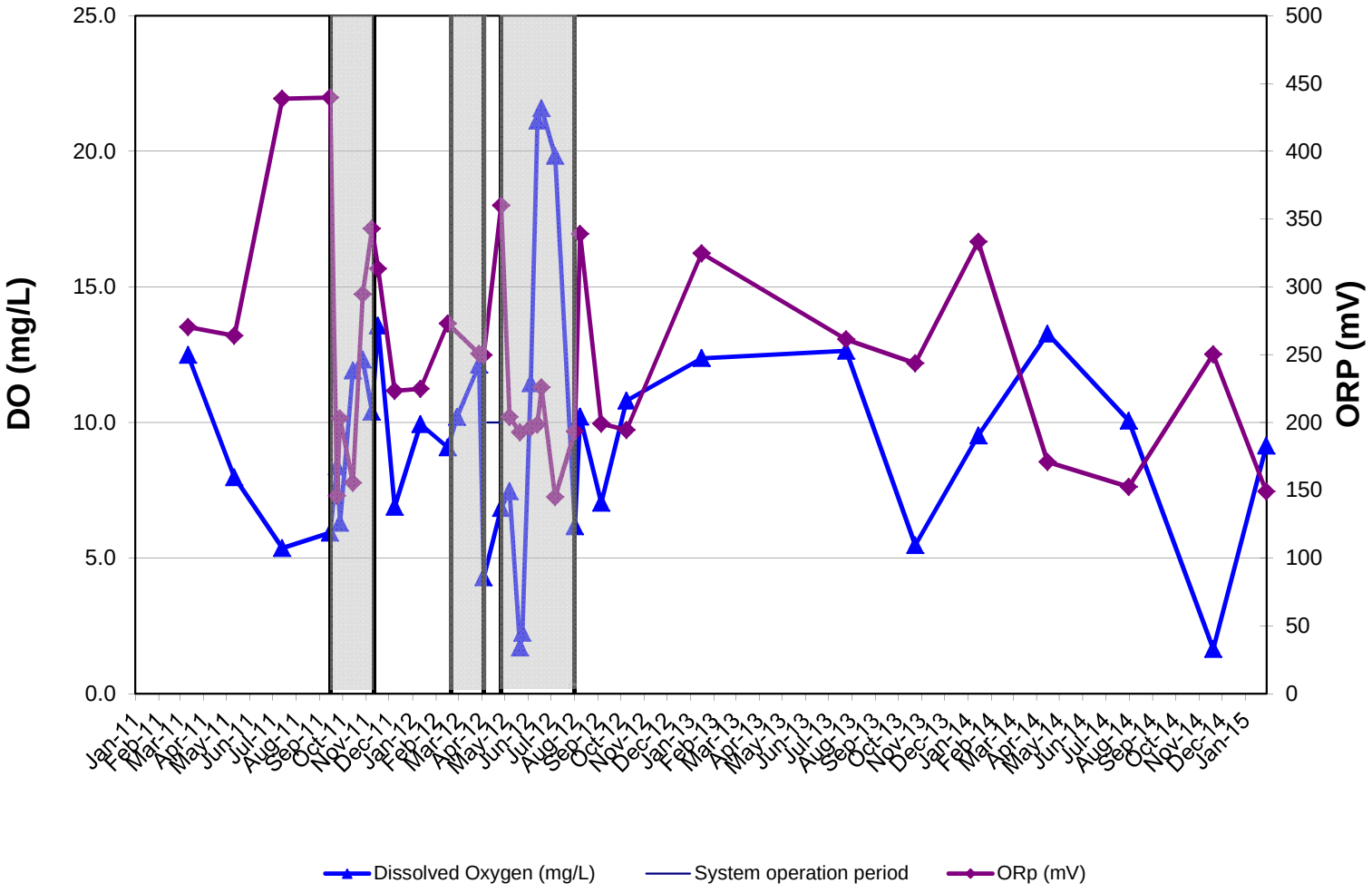
MW-8



GROUNDWATER MONITORING GRAPHS

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

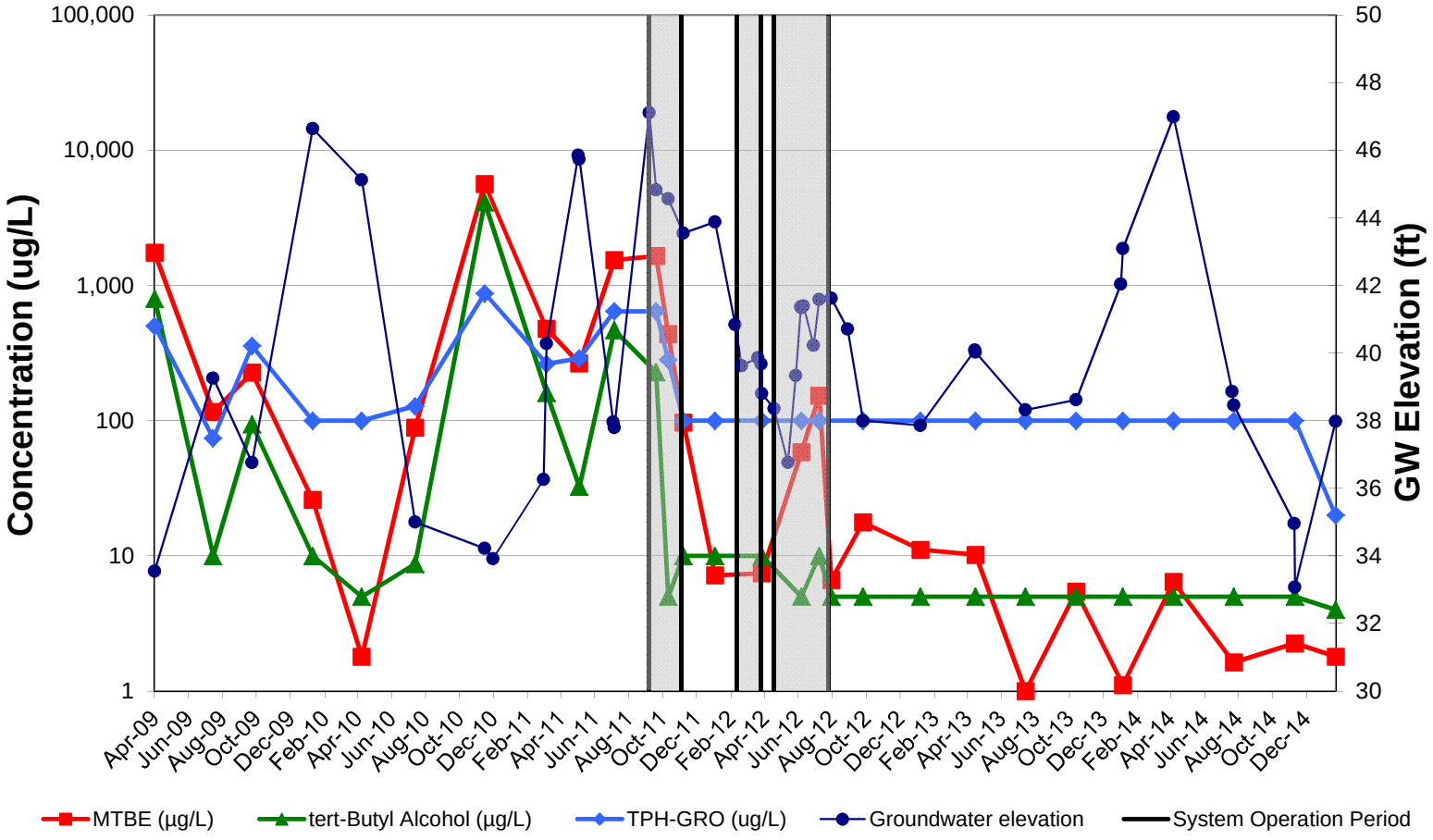
MW-8



GROUNDWATER MONITORING GRAPHS

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

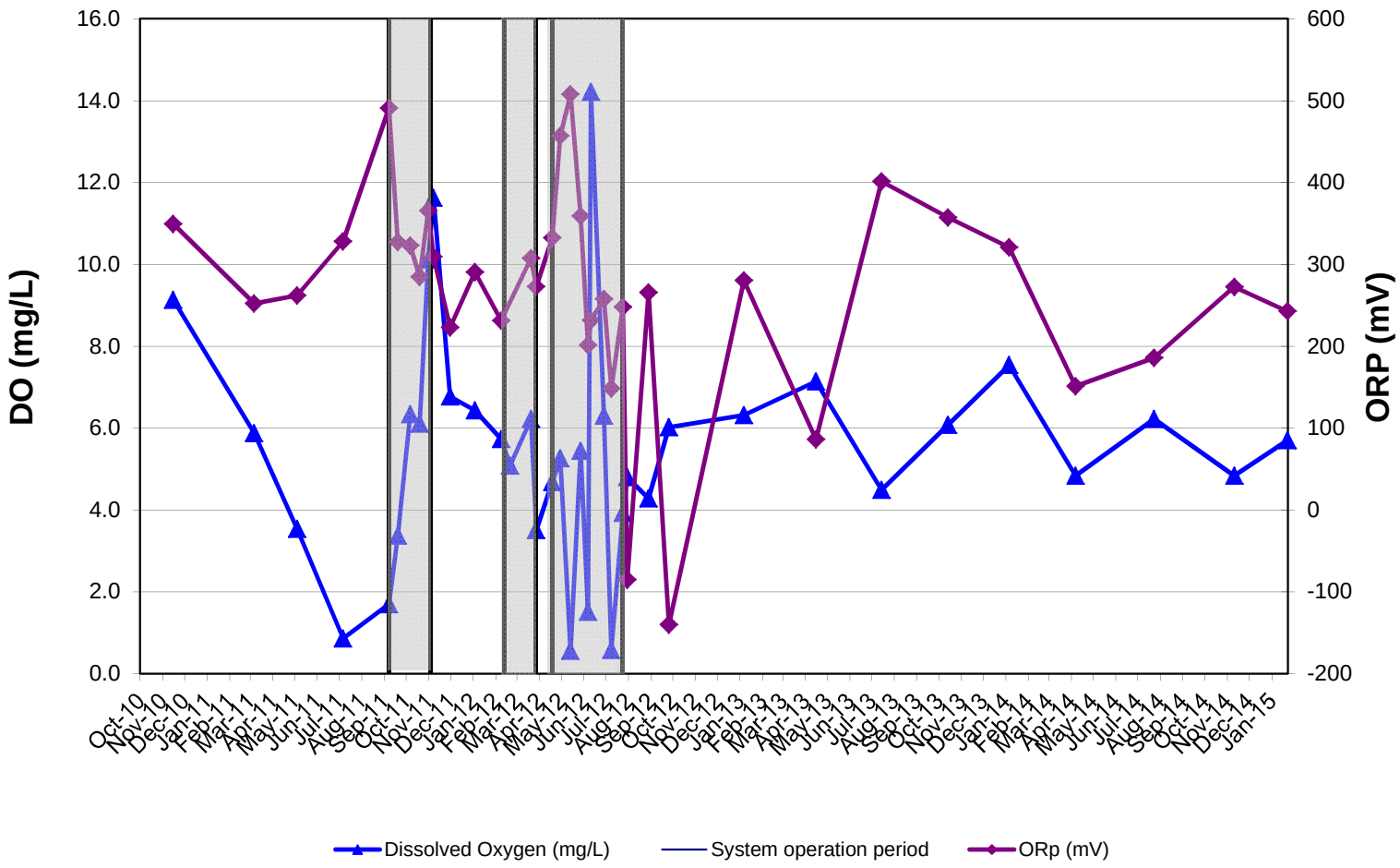
MW-10



GROUNDWATER MONITORING GRAPHS

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

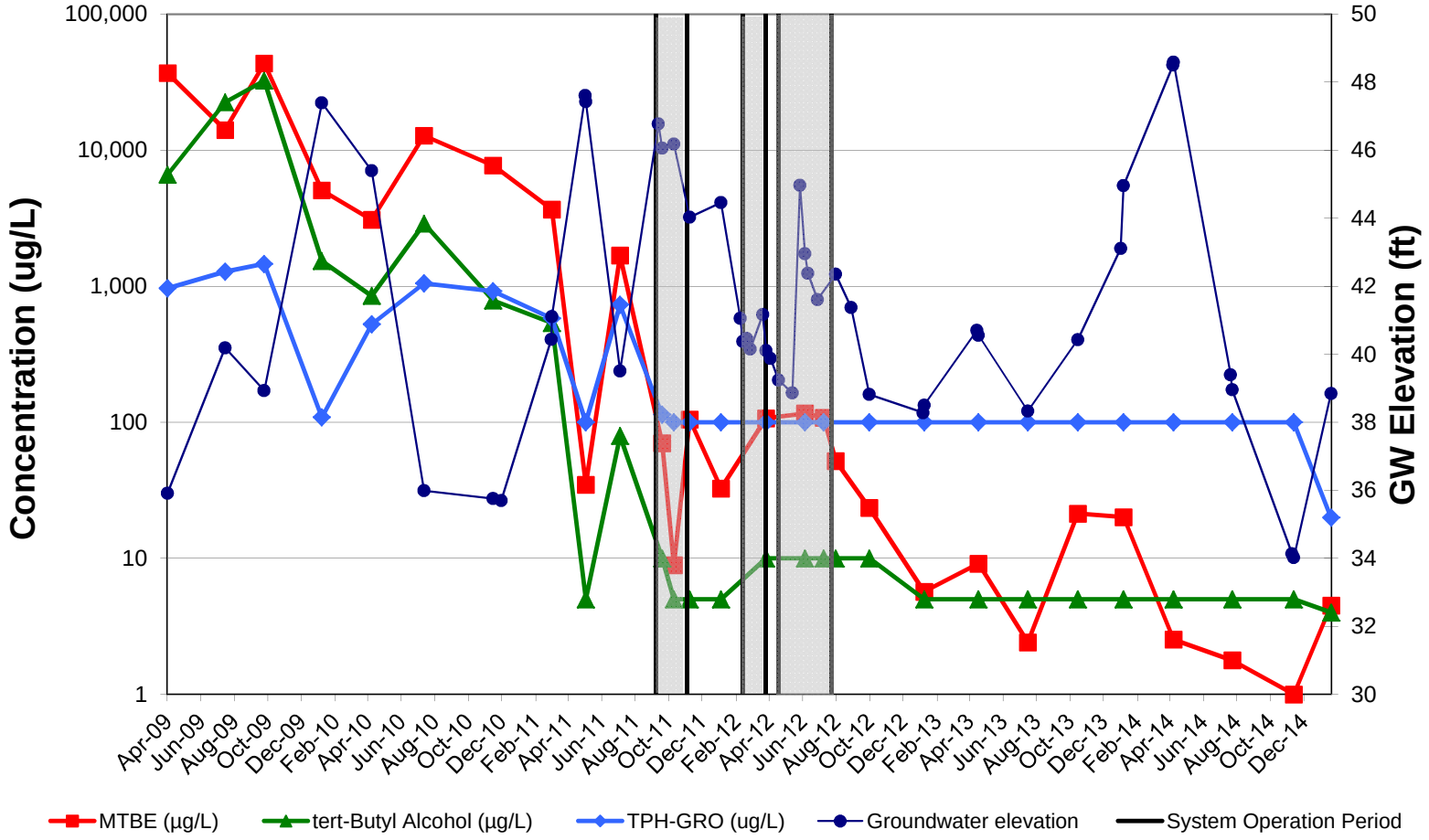
MW-10



GROUNDWATER MONITORING GRAPHS

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

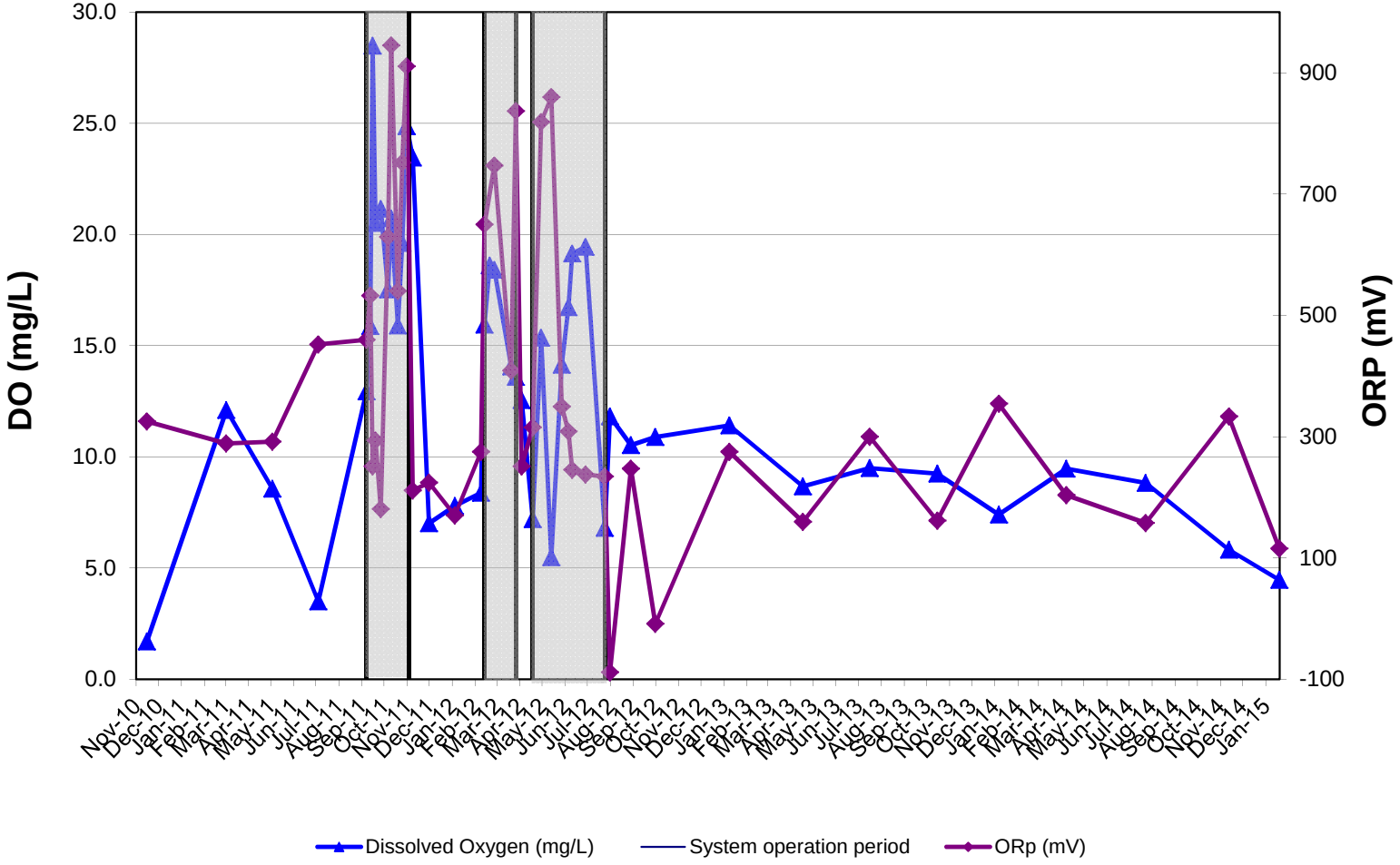
MW-13



GROUNDWATER MONITORING GRAPHS

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

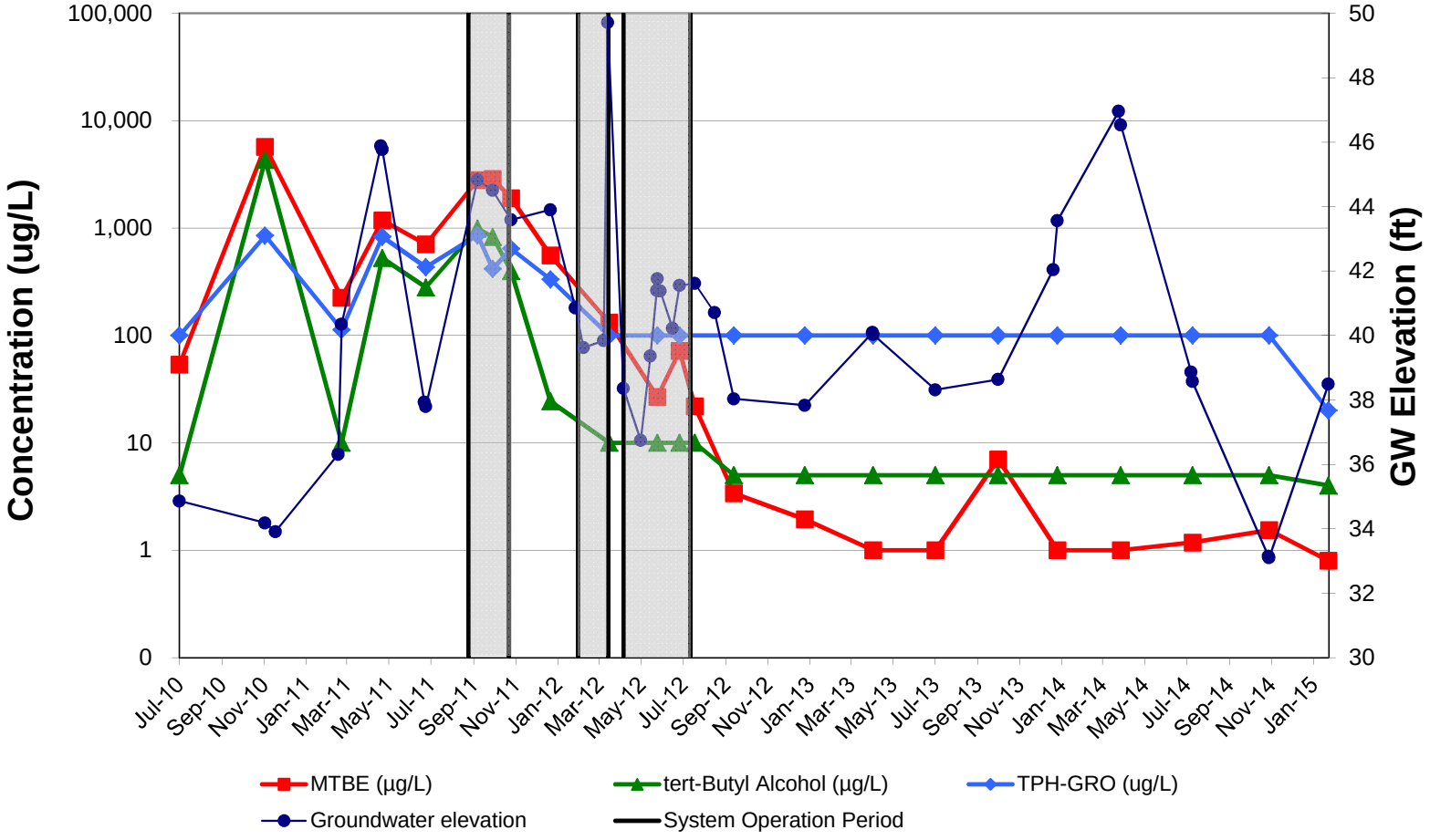
MW-13



GROUNDWATER MONITORING GRAPHS

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

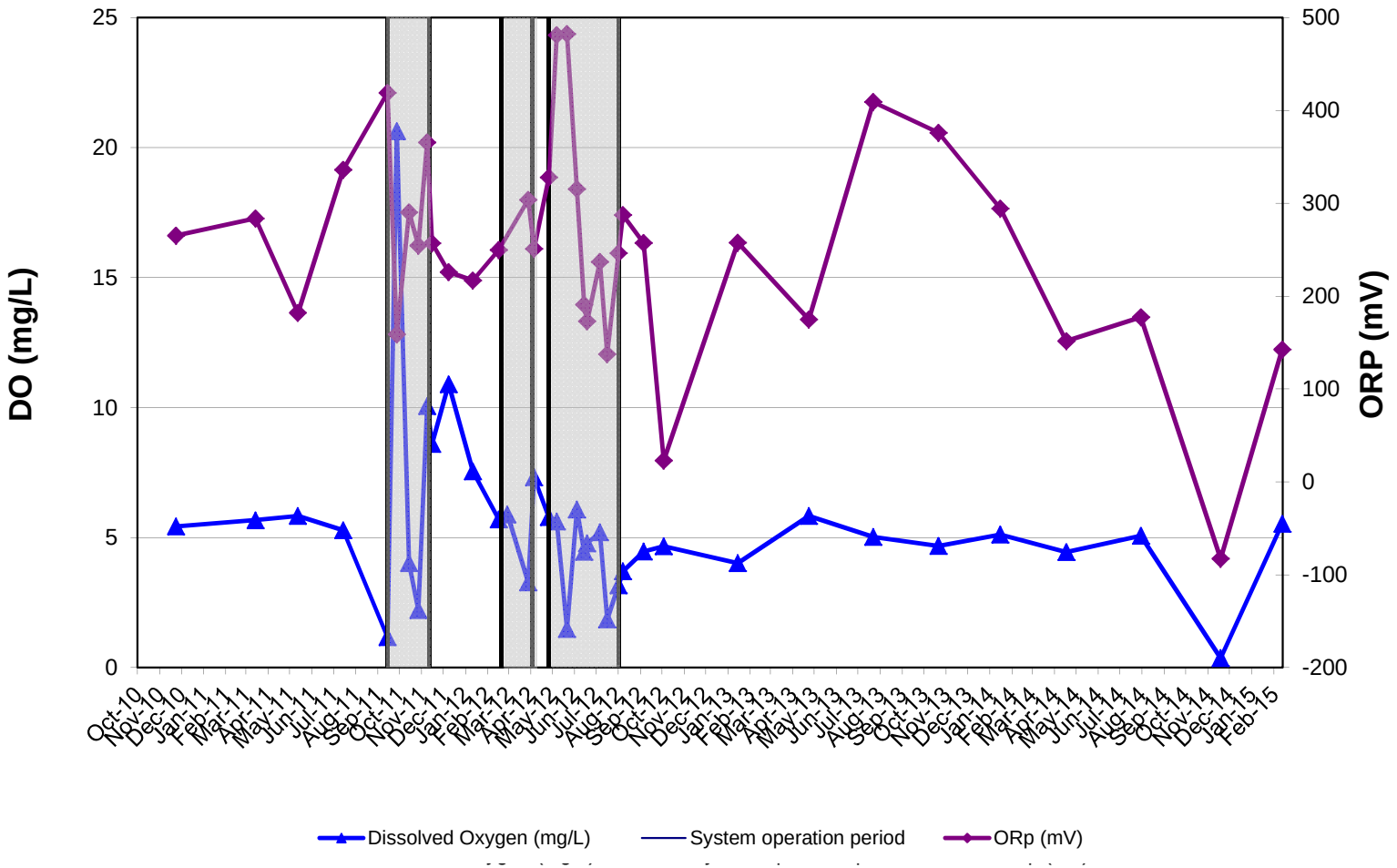
MW-14S



GROUNDWATER MONITORING GRAPHS

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

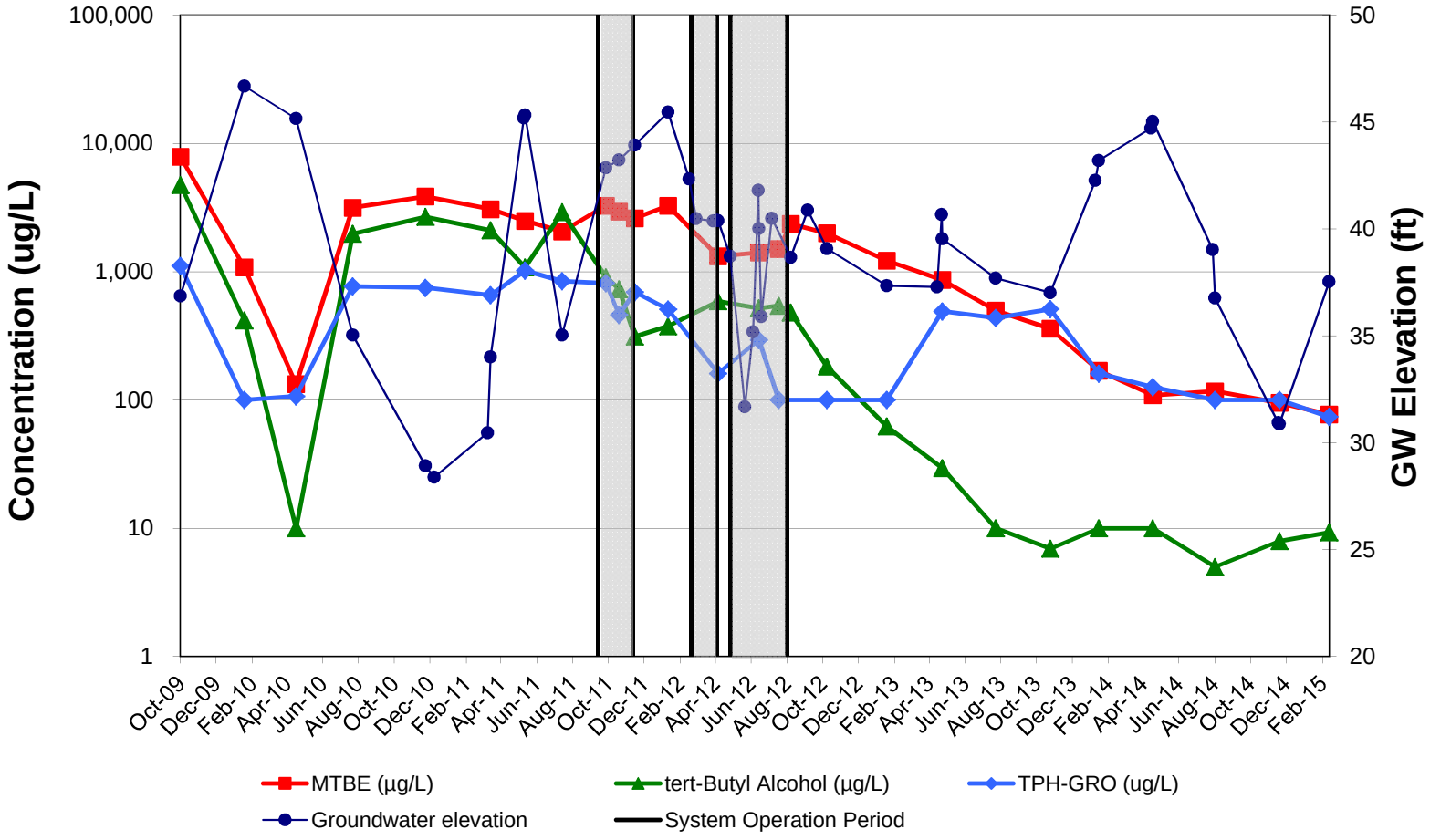
MW-14S



GROUNDWATER MONITORING GRAPHS

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

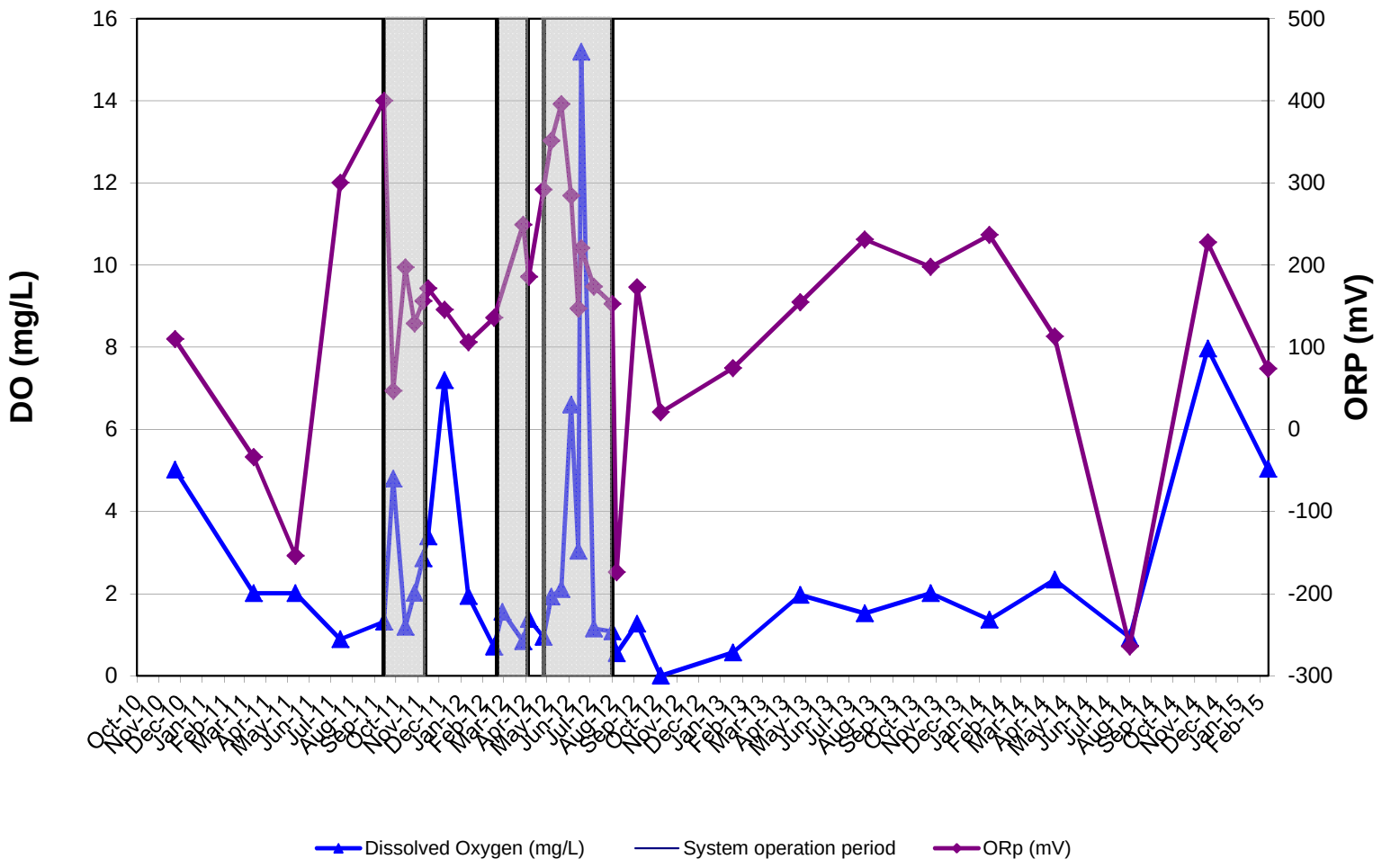
MW-14D



GROUNDWATER MONITORING GRAPHS

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

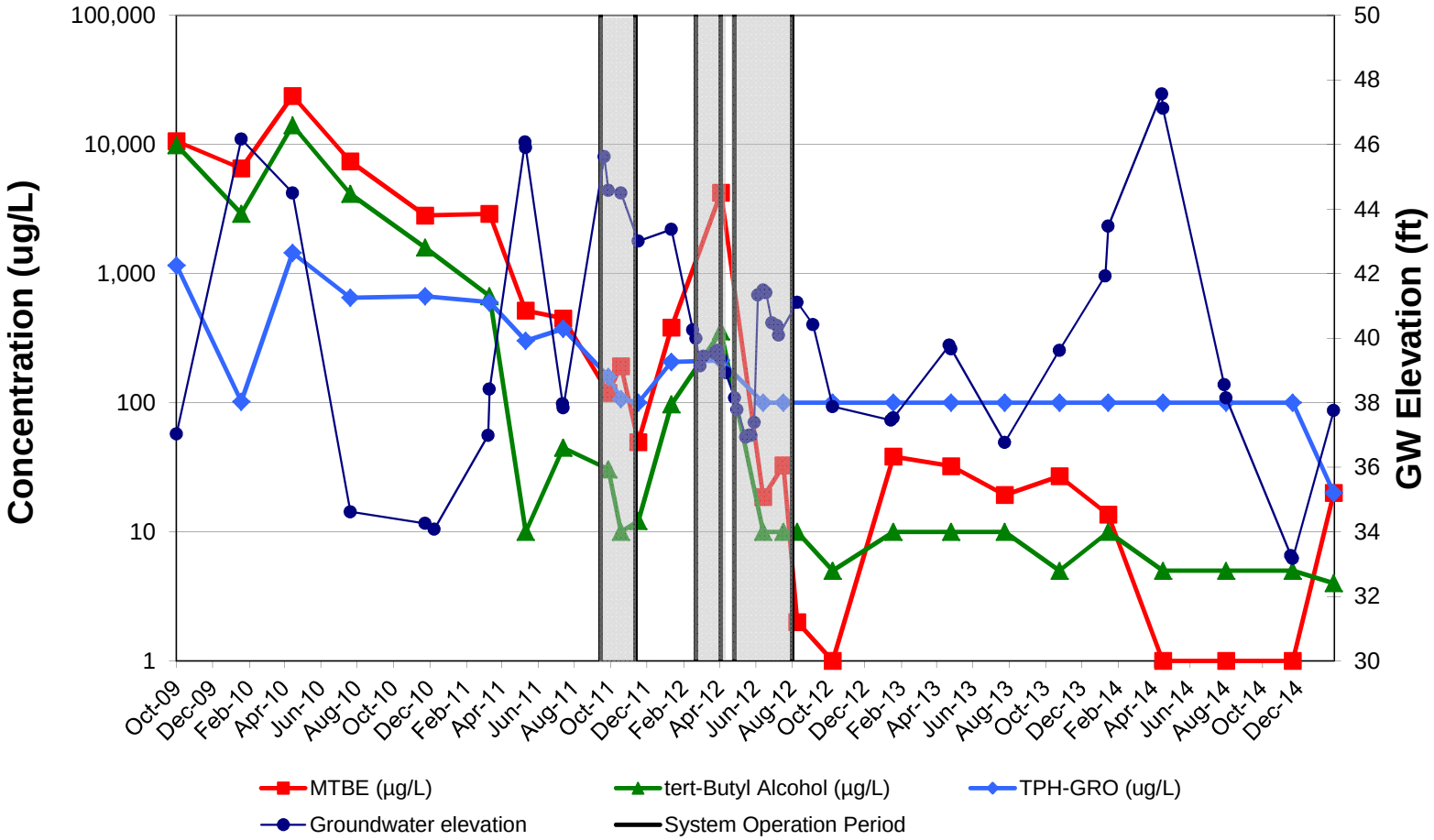
MW-14D



GROUNDWATER MONITORING GRAPHS

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

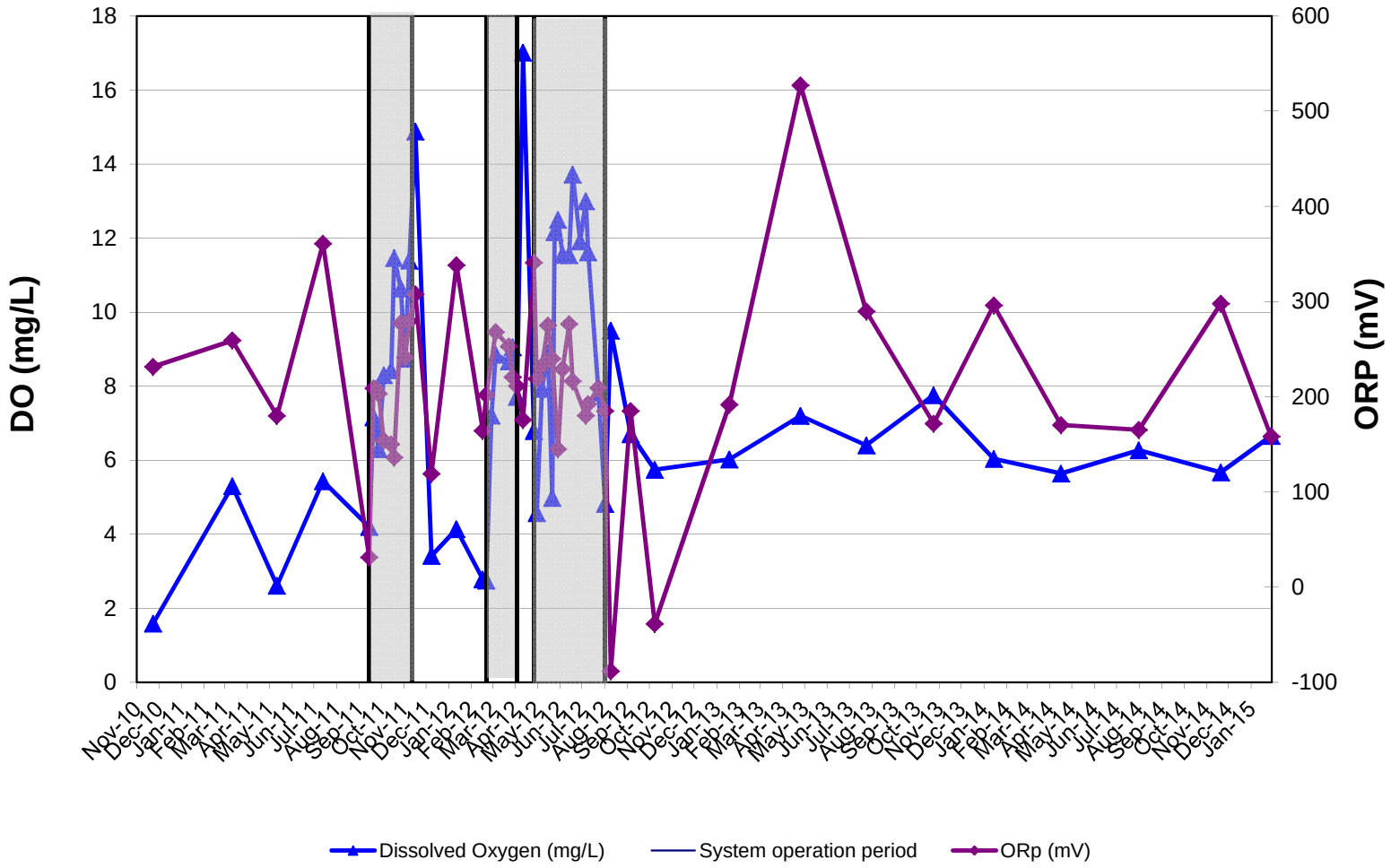
MW-15D



GROUNDWATER MONITORING GRAPHS

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

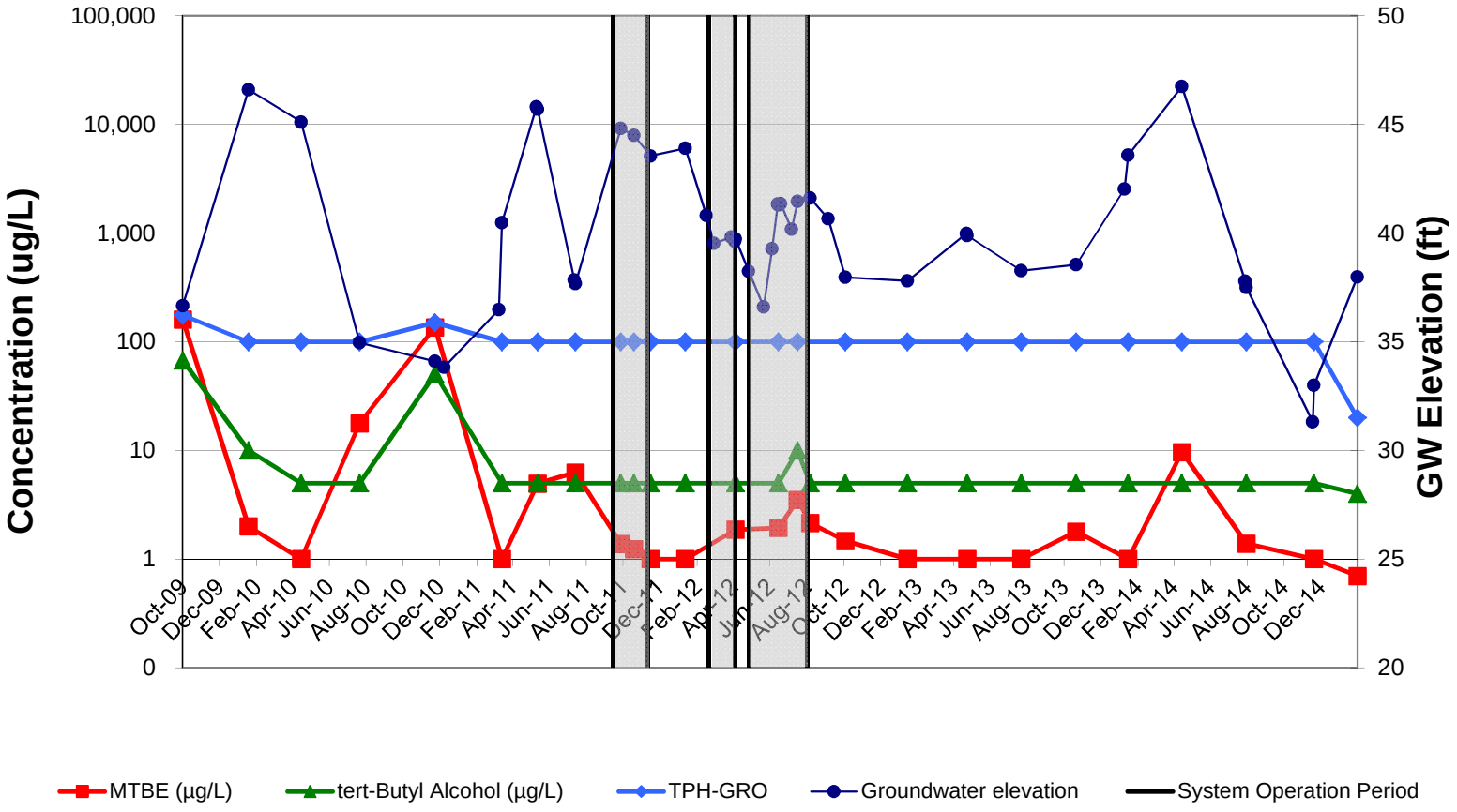
MW-15D



GROUNDWATER MONITORING GRAPHS

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

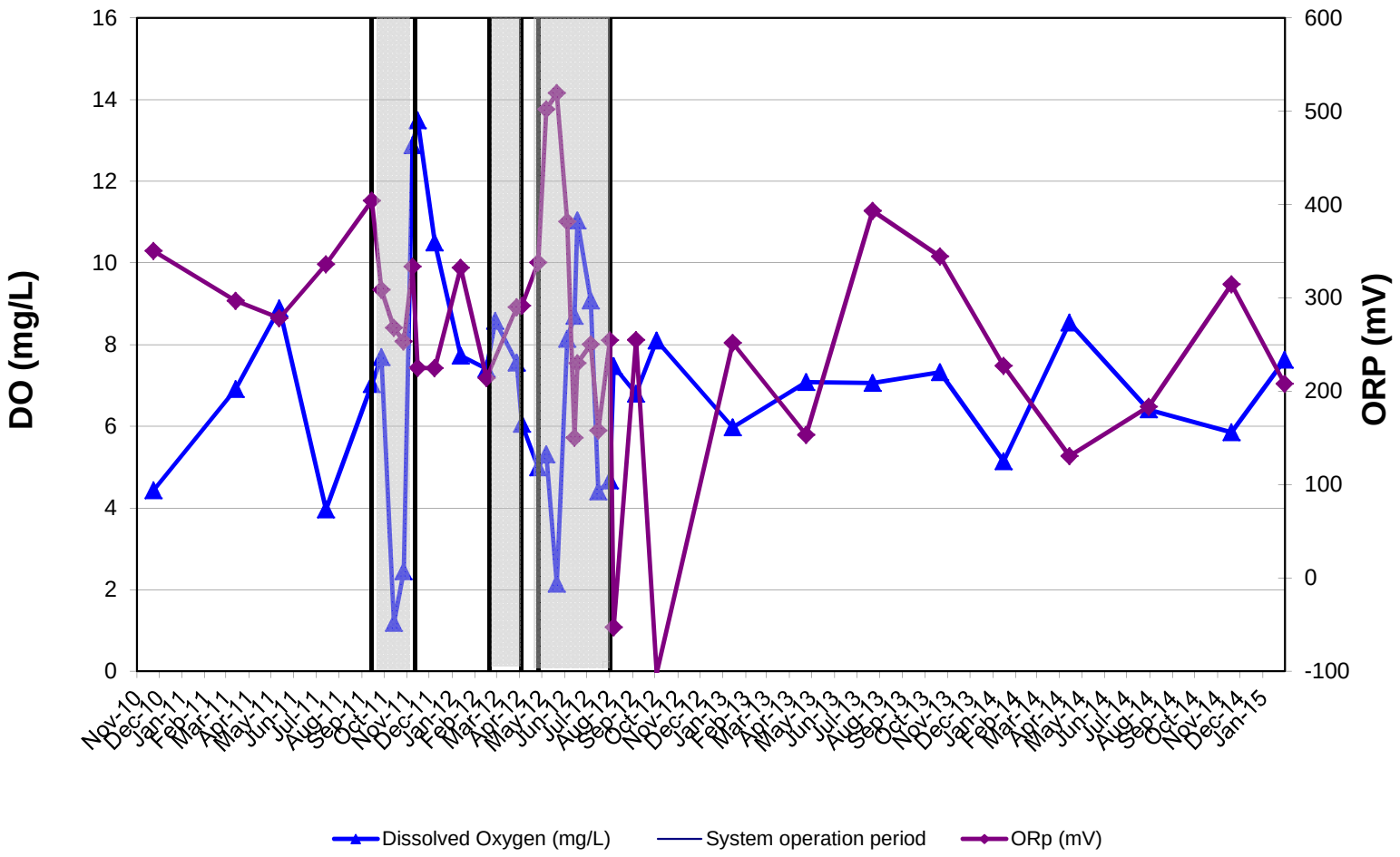
MW-16



GROUNDWATER MONITORING GRAPHS

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

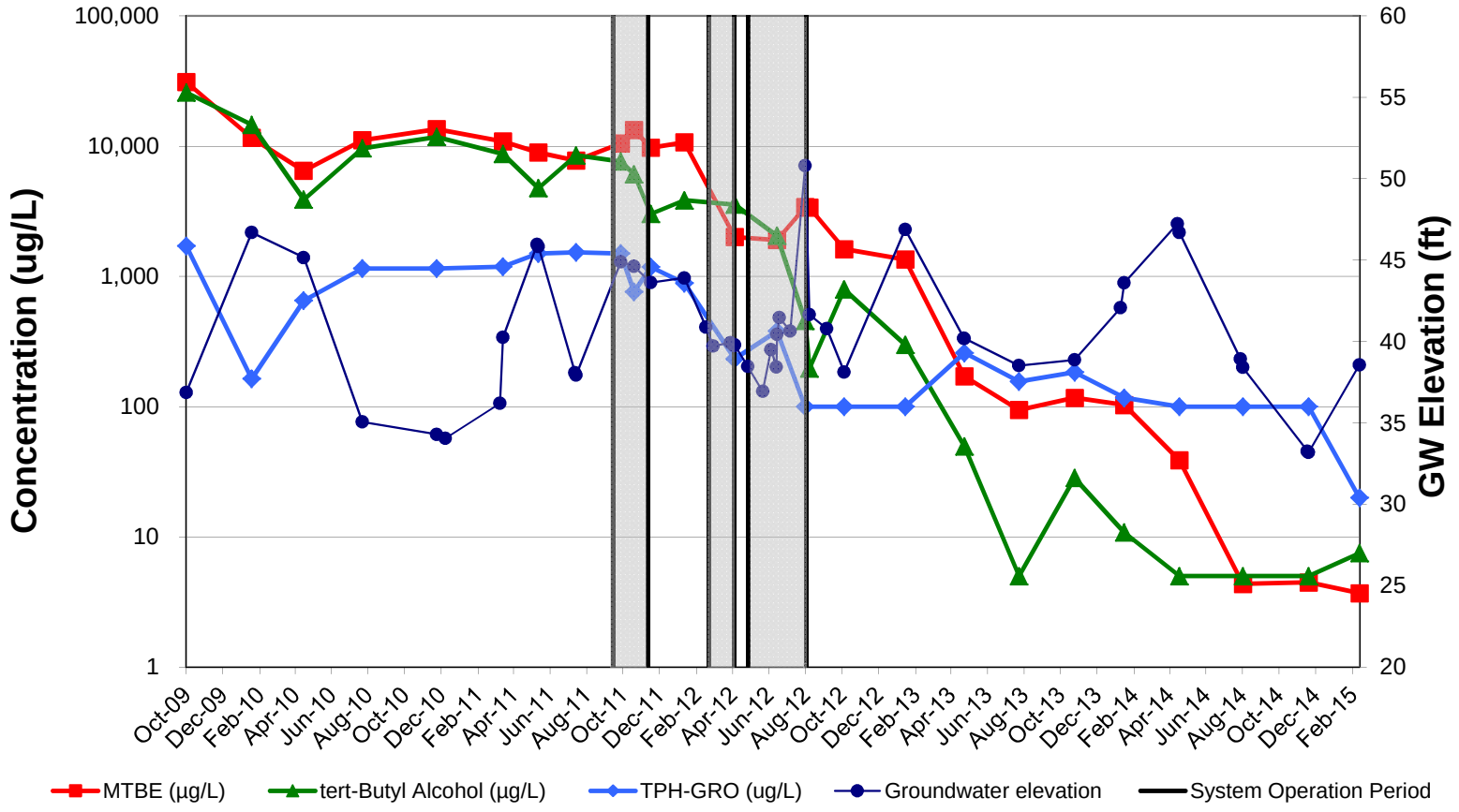
MW-16



GROUNDWATER MONITORING GRAPHS

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

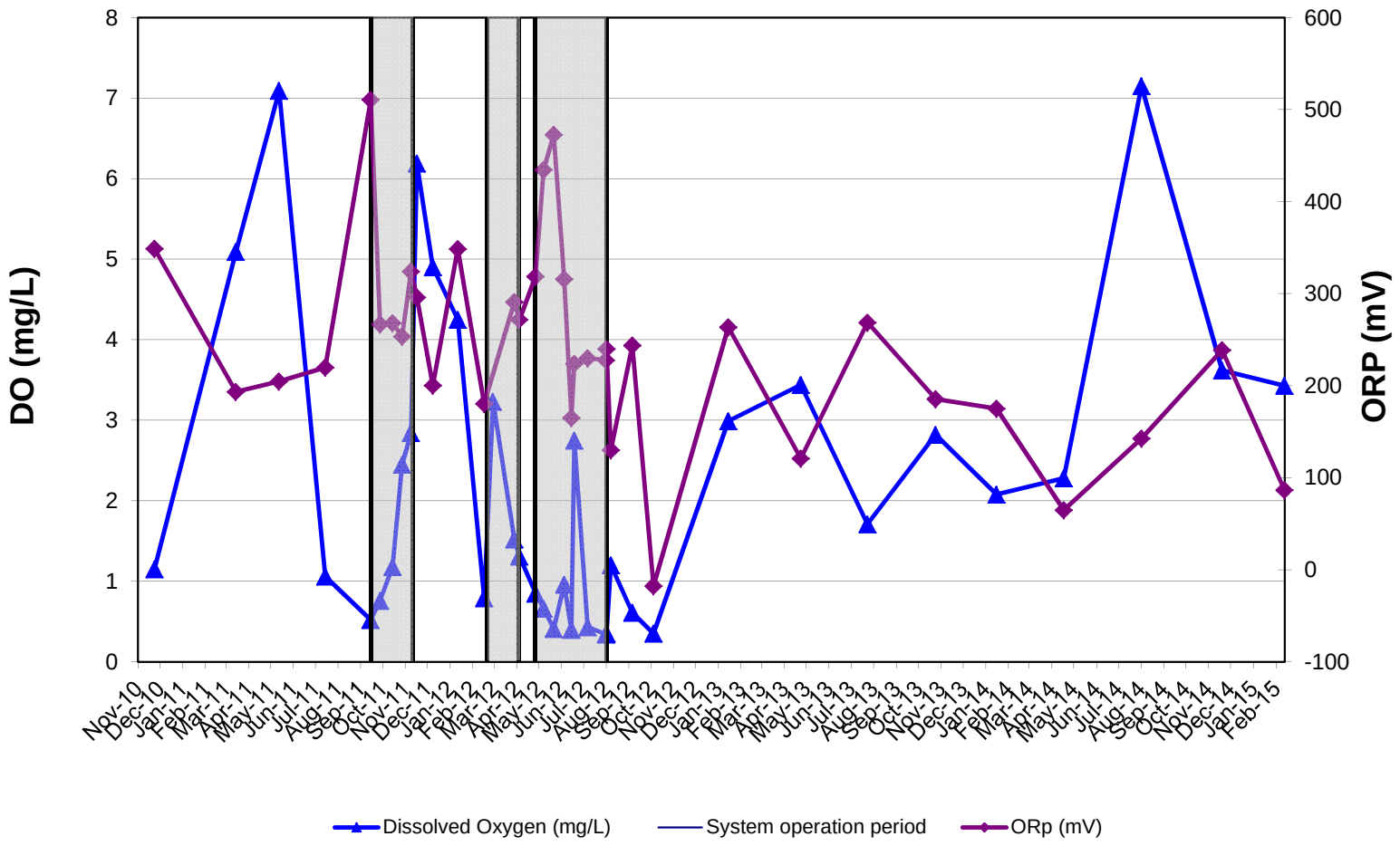
MW-17



GROUNDWATER MONITORING GRAPHS

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

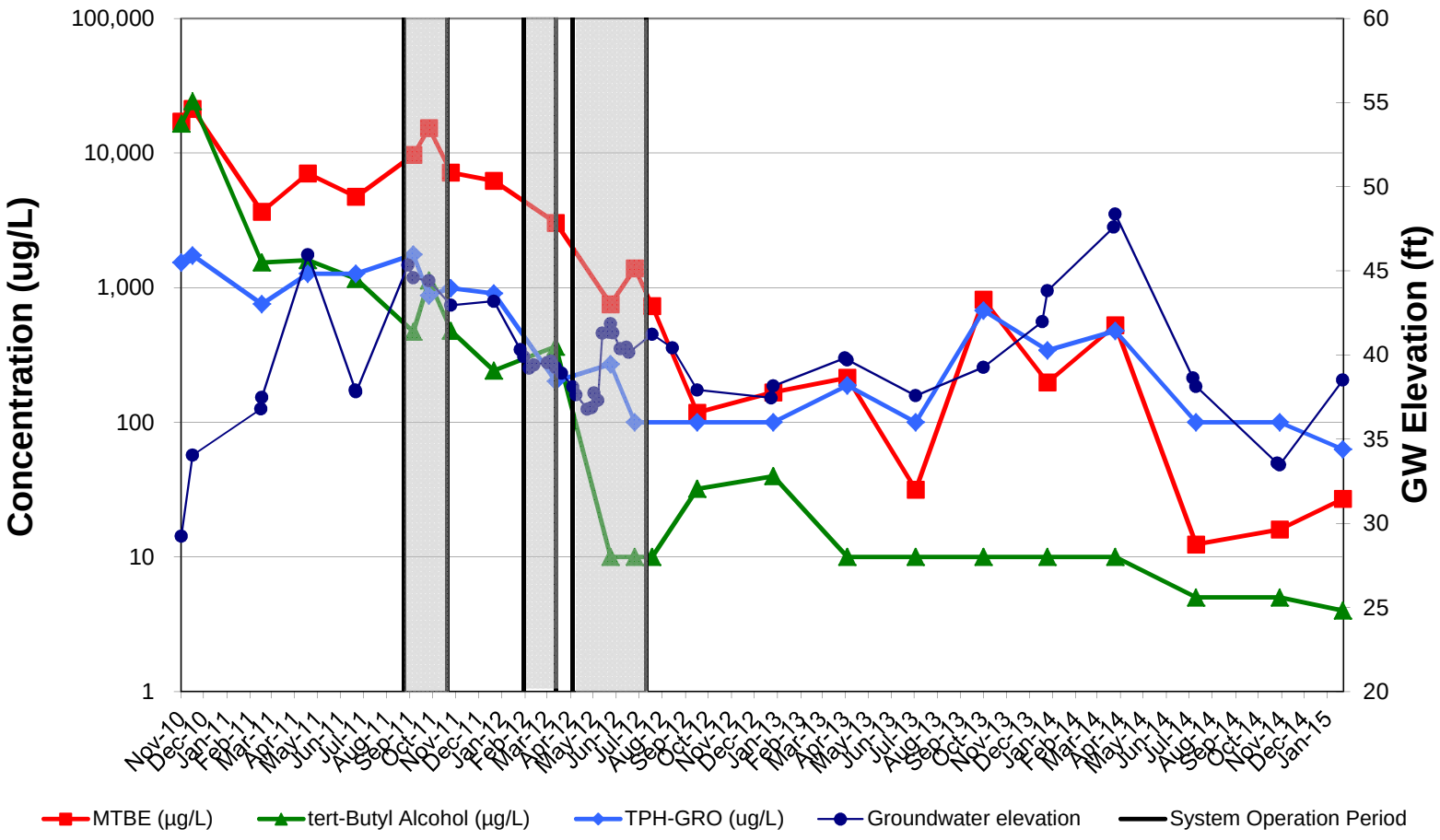
MW-17



GROUNDWATER MONITORING GRAPHS

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

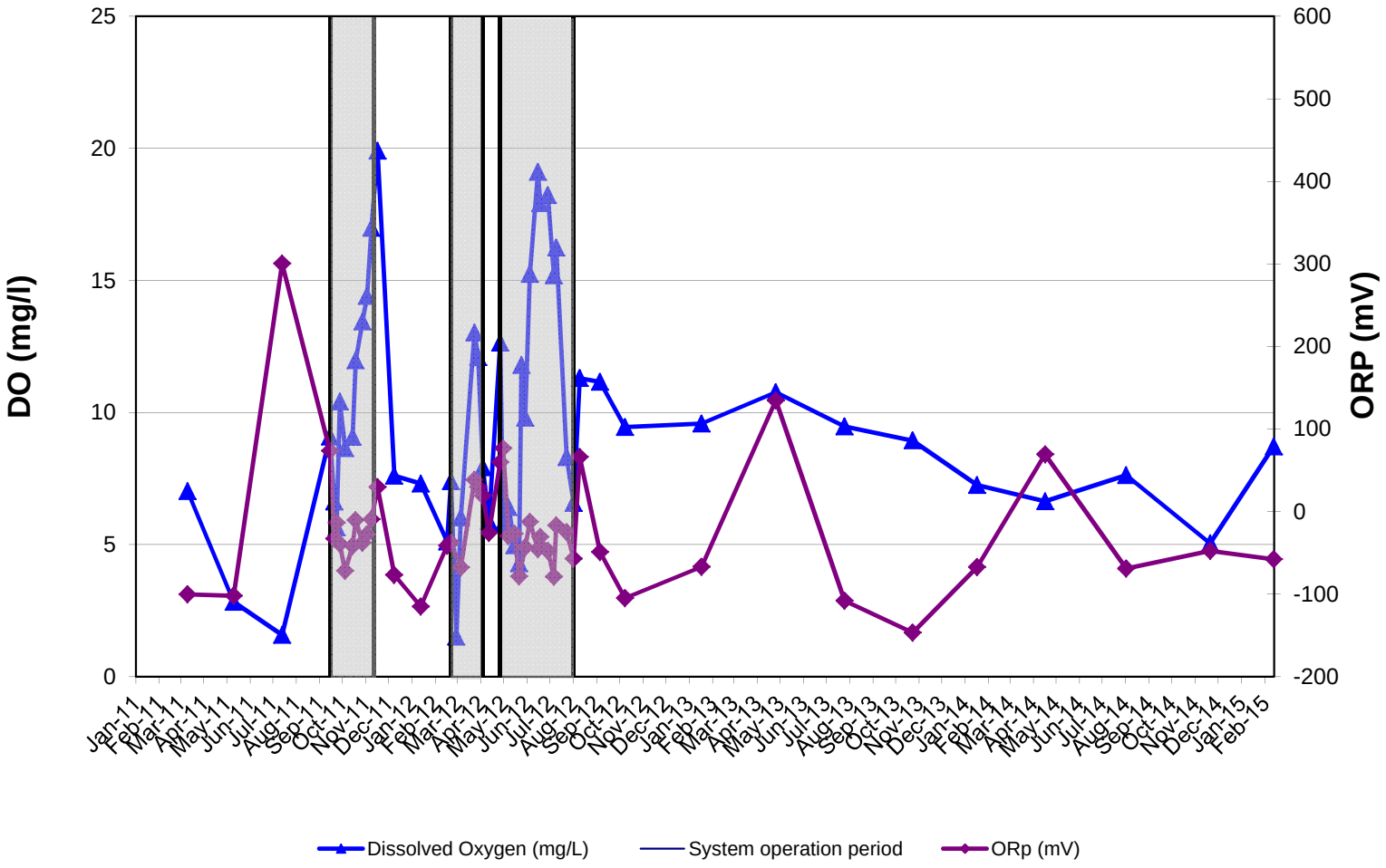
MW-18S



GROUNDWATER MONITORING GRAPHS

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

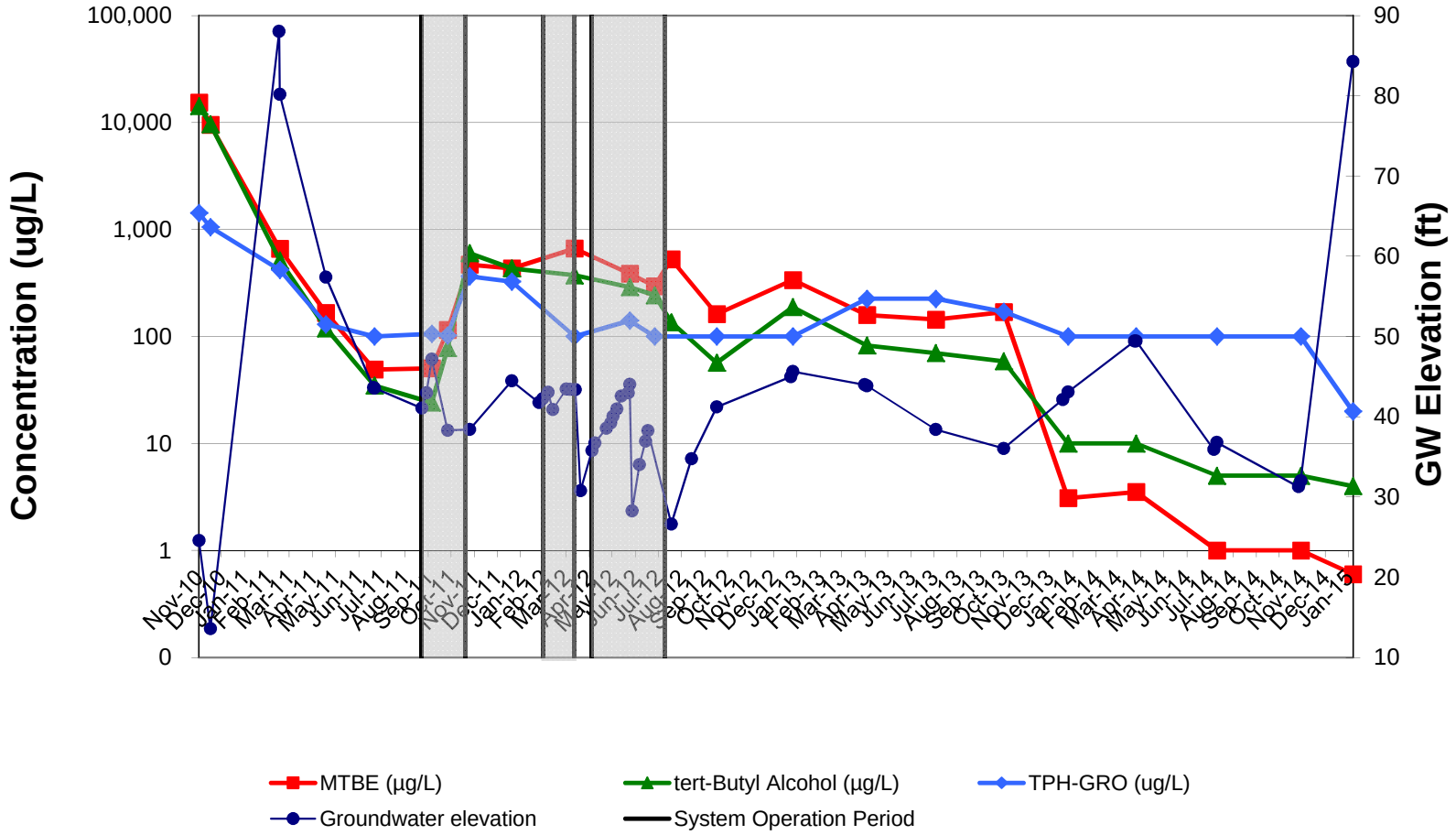
MW-18S



GROUNDWATER MONITORING GRAPHS

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

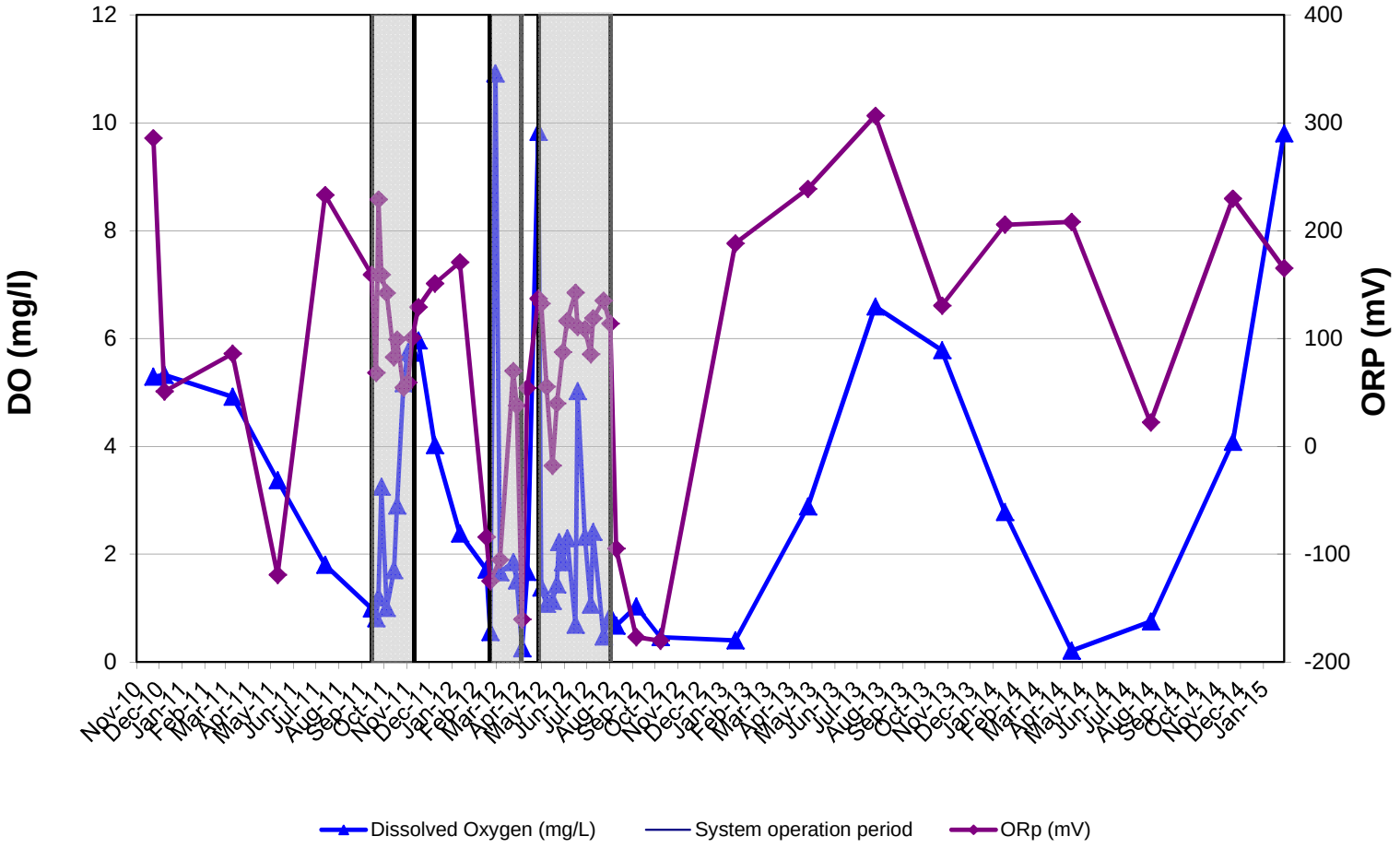
MW-18D



GROUNDWATER MONITORING GRAPHS

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

MW-18D

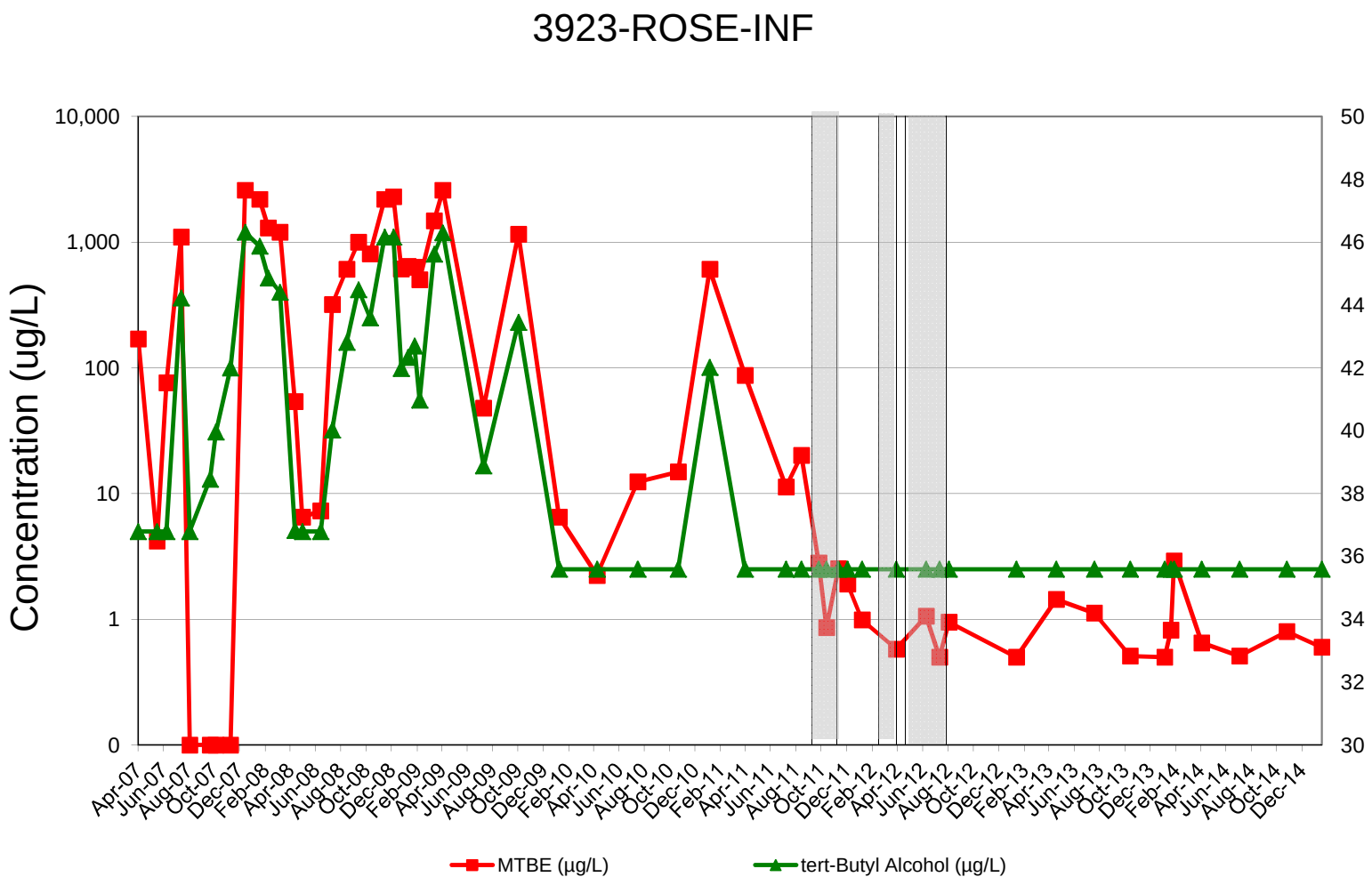


APPENDIX E

Residential Supply Well Groundwater Monitoring Graphs

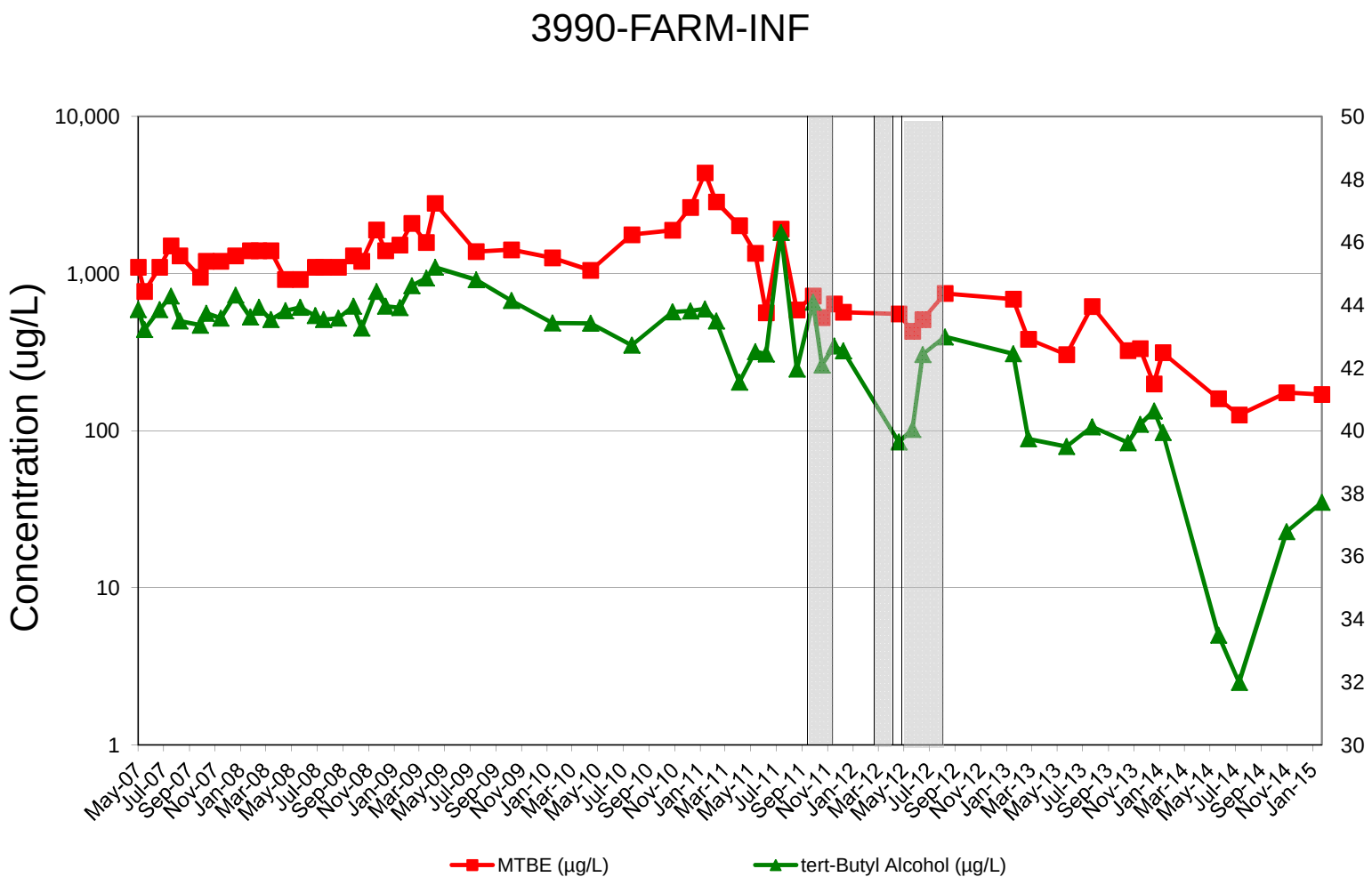
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



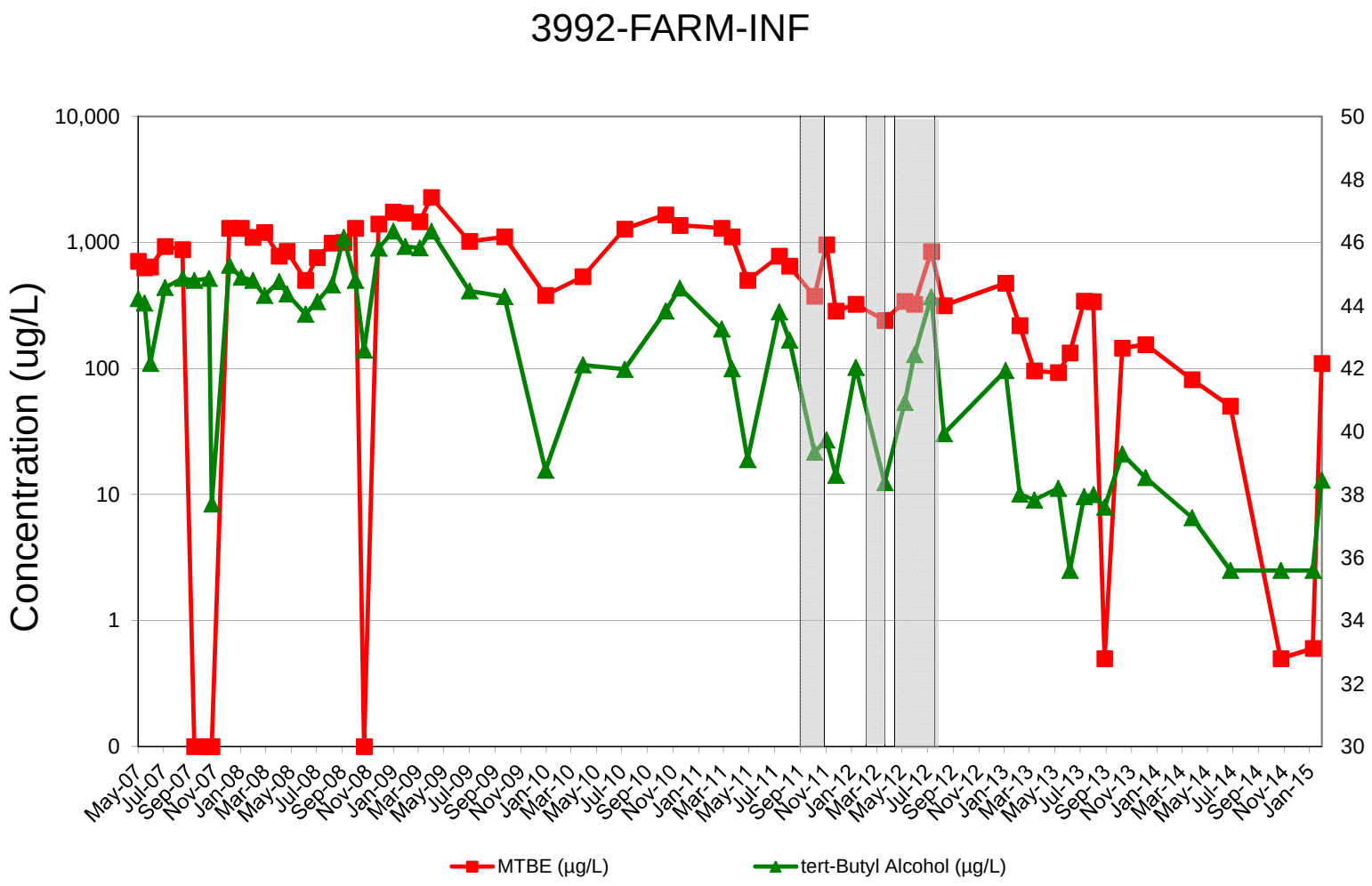
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



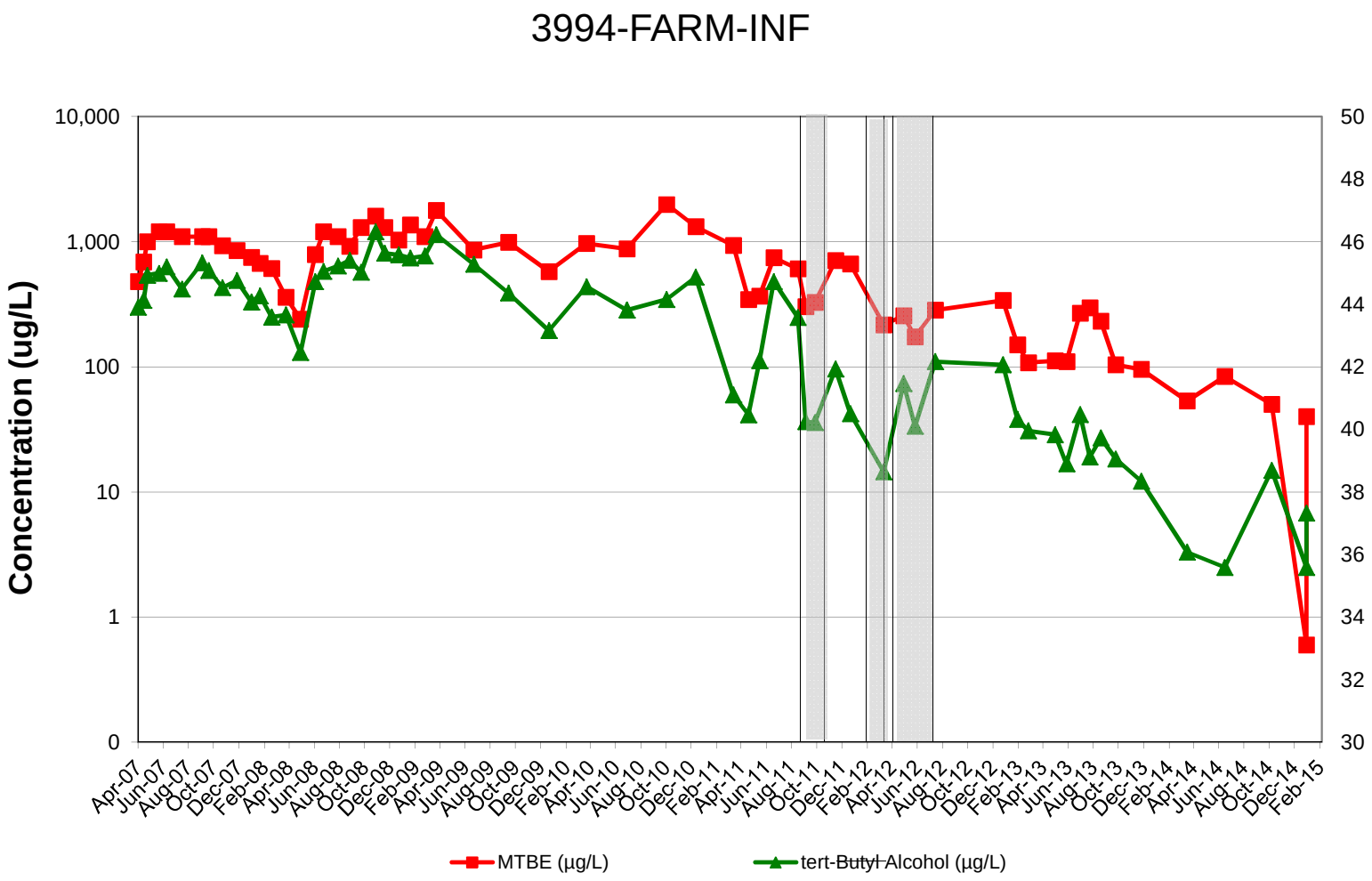
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



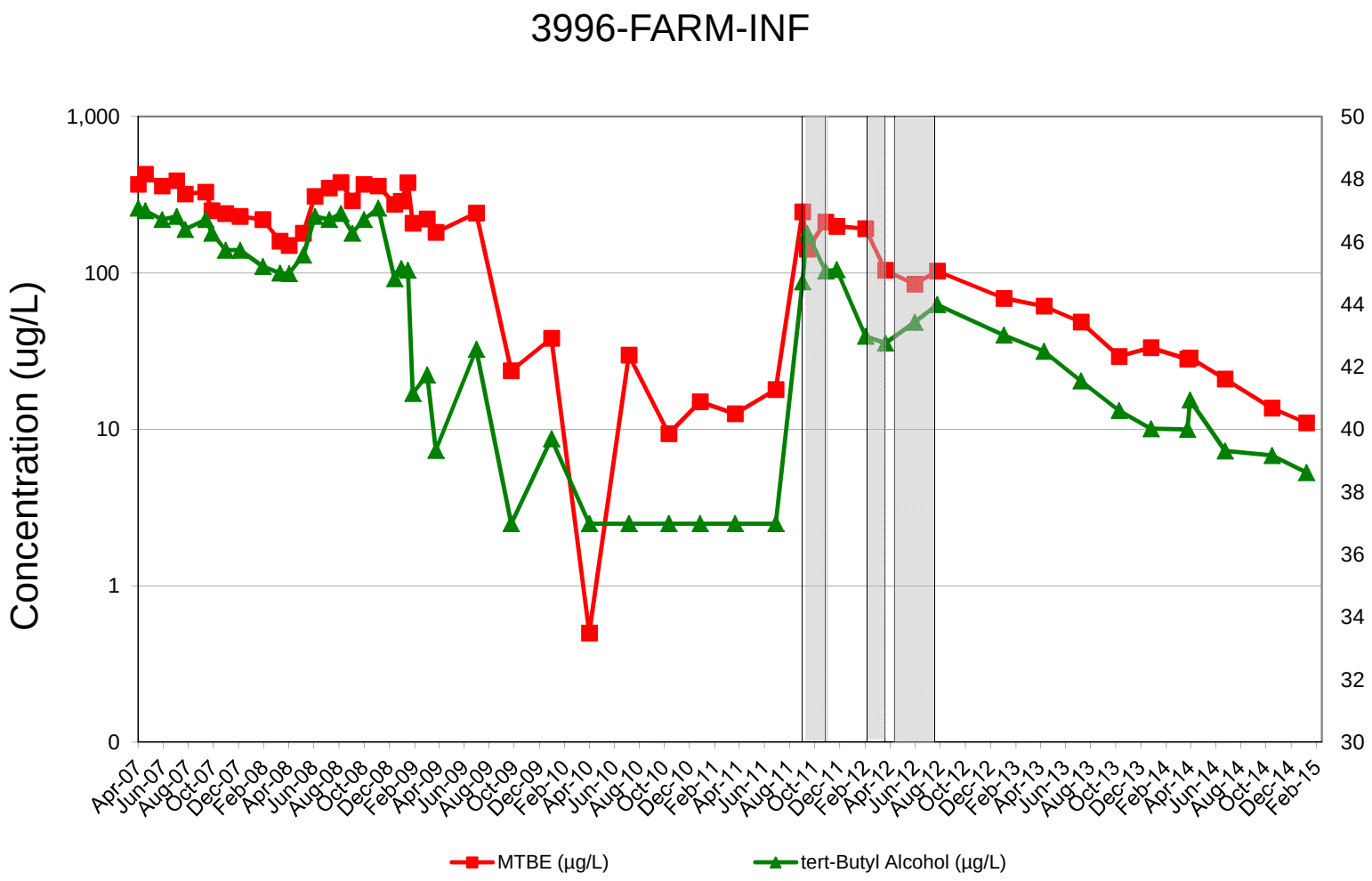
RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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



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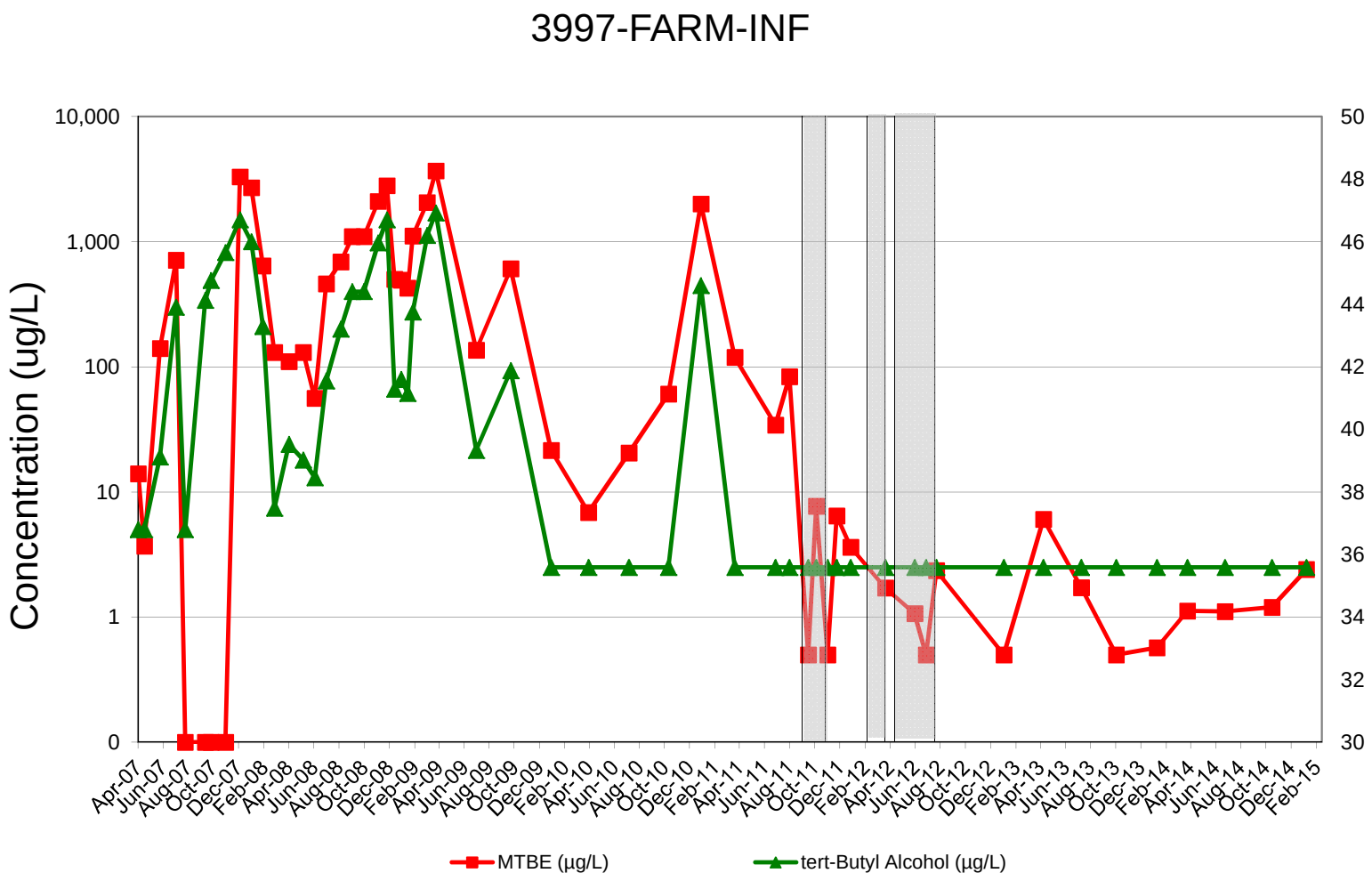

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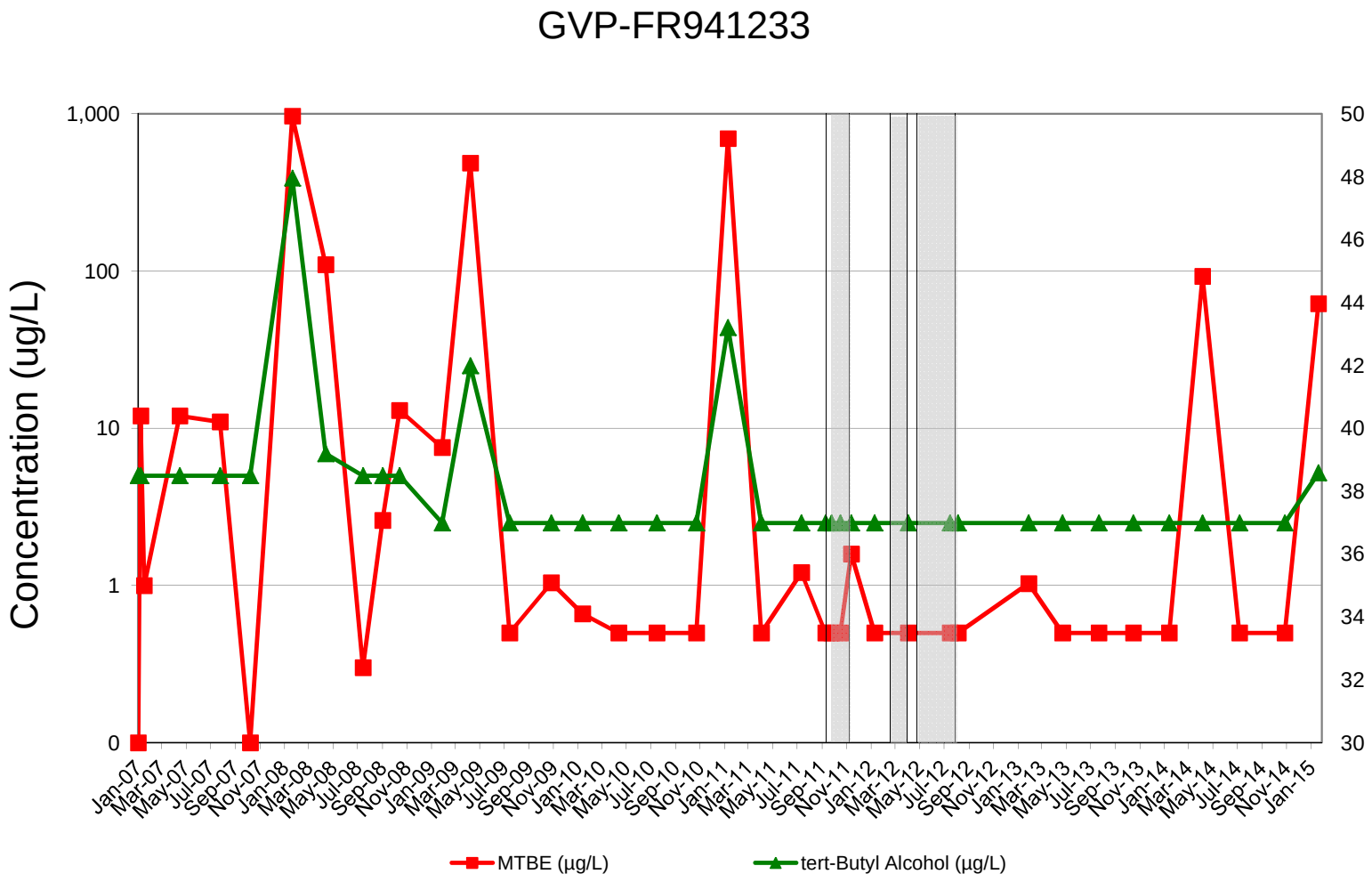
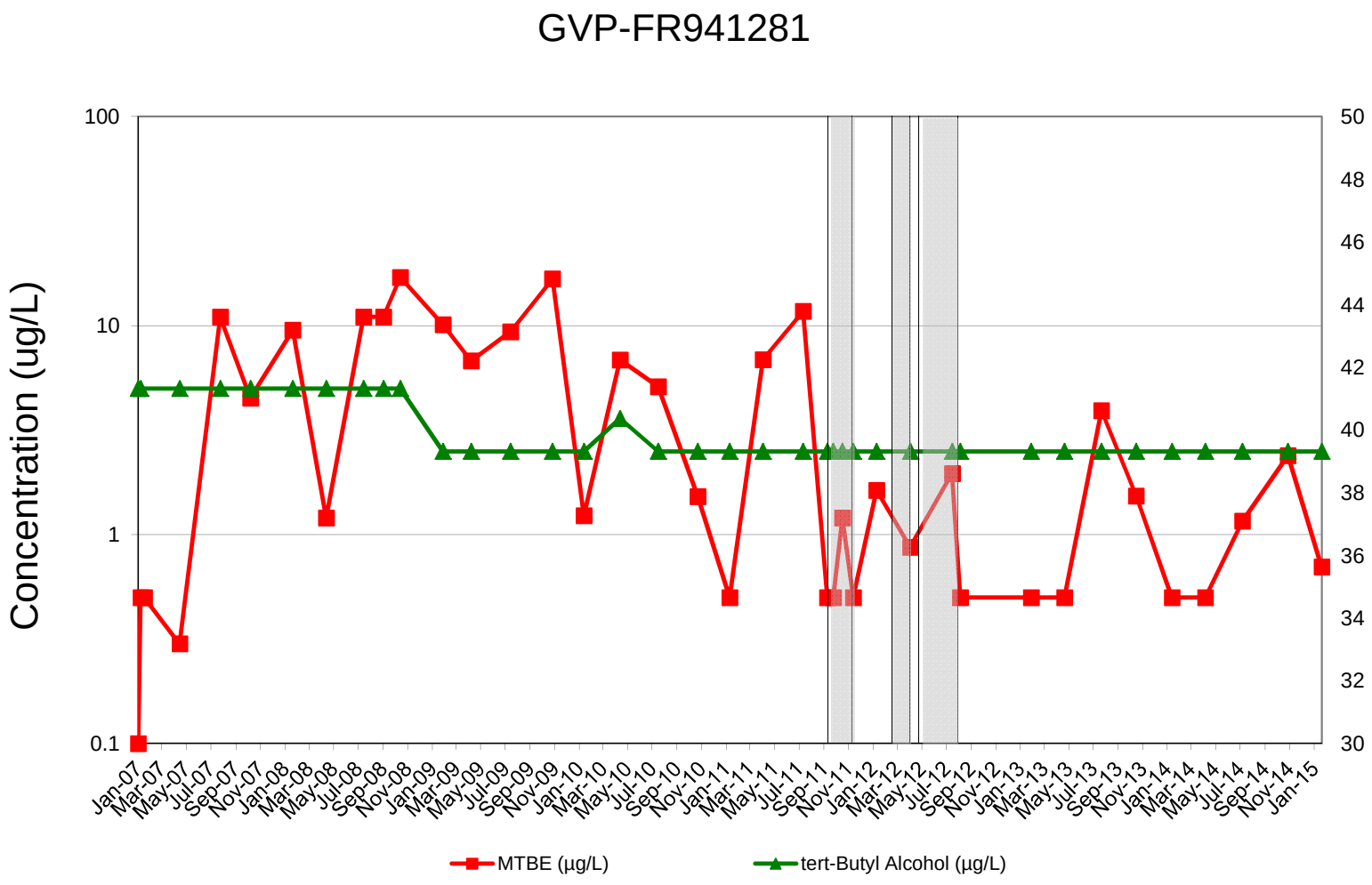


RESIDENTIAL SUPPLY WELL GROUNDWATER MONITORING GRAPHS

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